Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106564.D
Acq On : 19 Jun 2018 3:43
Operator : JU/SJ
Sample : J3563-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 08:26:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109716	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	399641	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	169673	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	274804	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298104	20.00	ng	0.00
86) Perylene-d12	15.68	264	267458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	399989	61.70	ng	0.00
7) Phenol-d6	6.61	99	304153	37.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	684905	100.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	236412	144.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1068367	132.35	ng	0.00
78) Terphenyl-d14	13.08	244	1059895	88.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	15416	2.482	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	92953	15.128	ng	# 74
25) Isophorone	7.53	82	685025	51.626	ng	# 64
49) Dimethylphthalate	9.71	163	25017	2.064	ng	99
50) 2,6-Dinitrotoluene	10.01	165	21316	8.608	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	21316	6.855	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	522	6.601	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15248	4.878	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106564.D
Acq On : 19 Jun 2018 3:43
Operator : JU/SJ
Sample : J3563-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 08:26:40 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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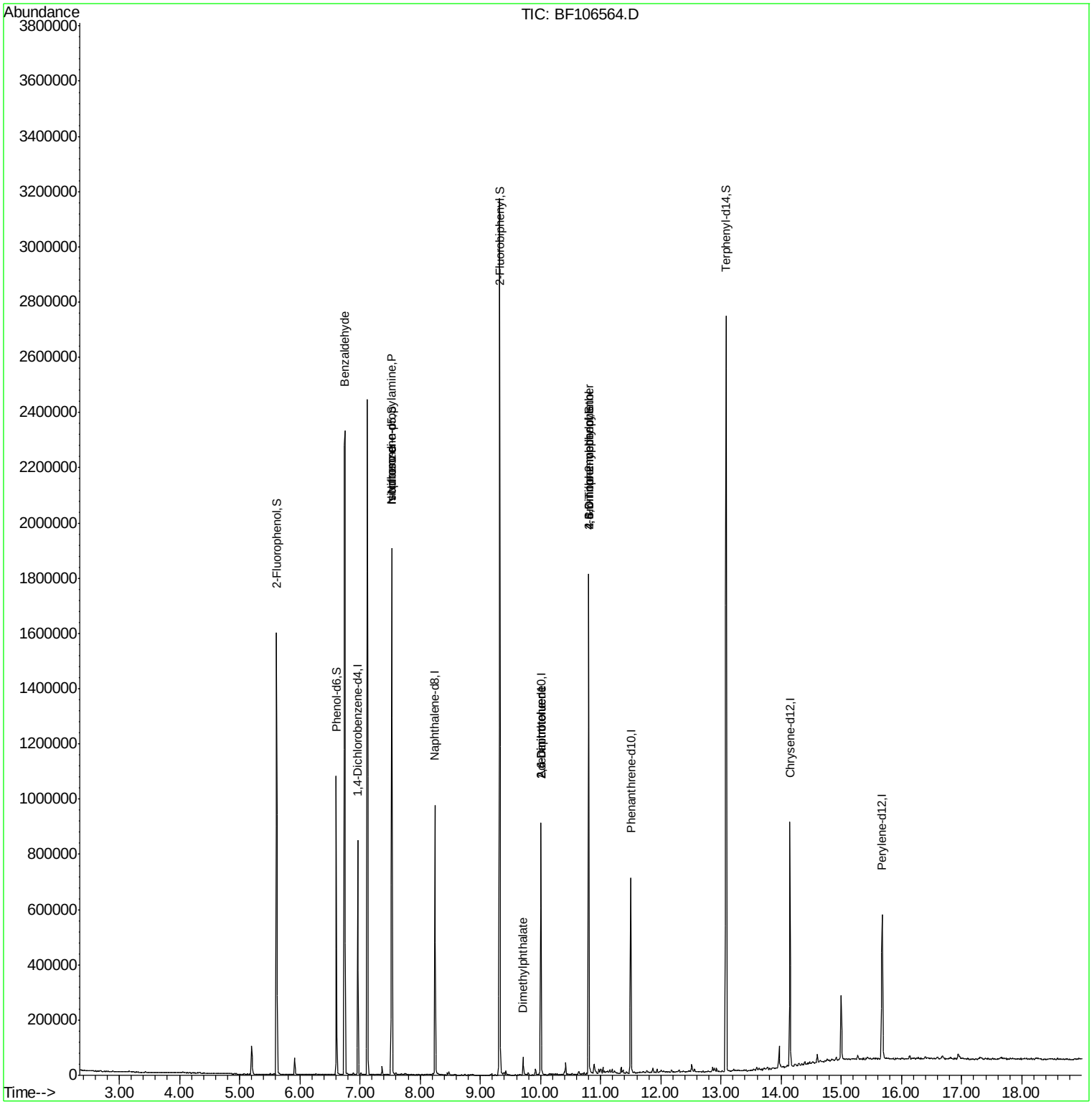
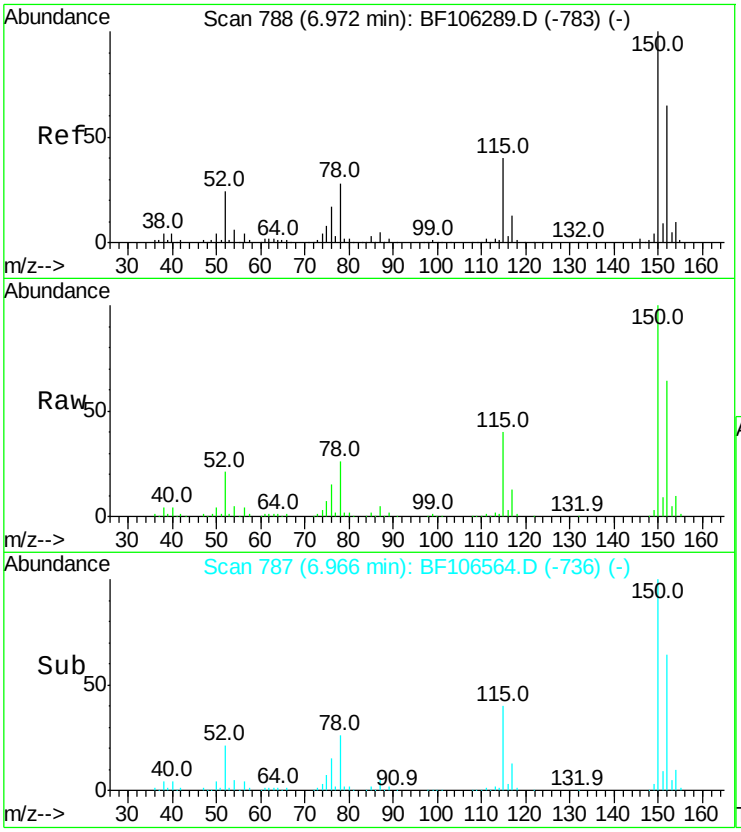


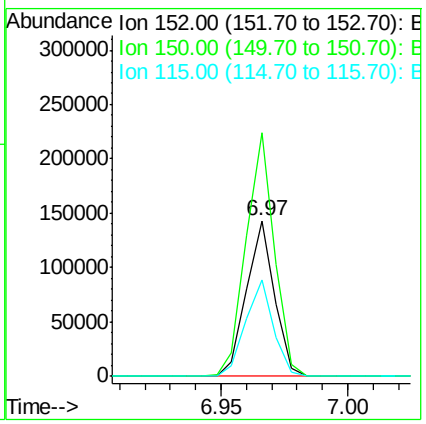


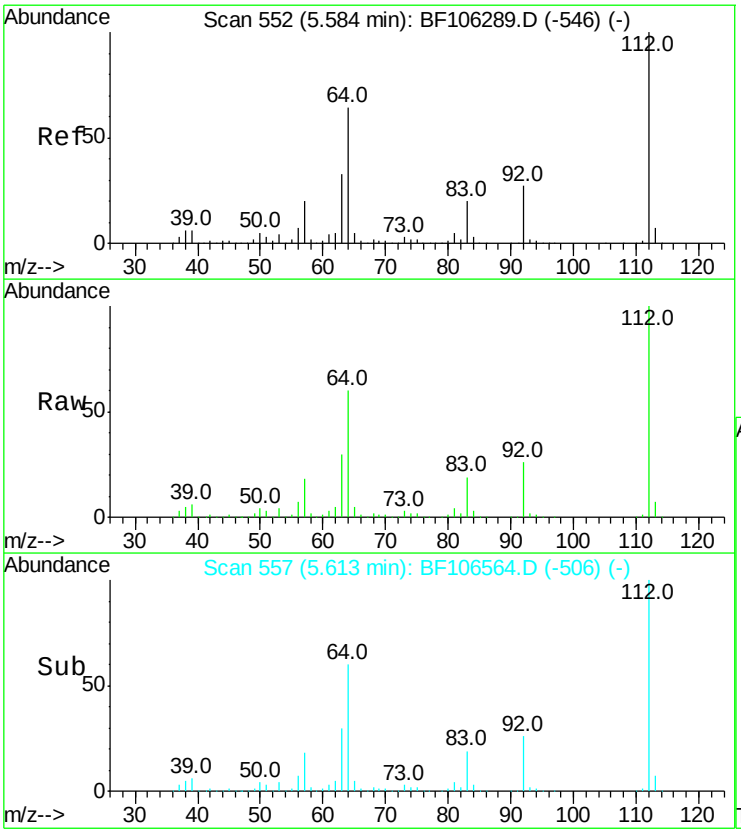
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109716

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.9	50.1	75.1

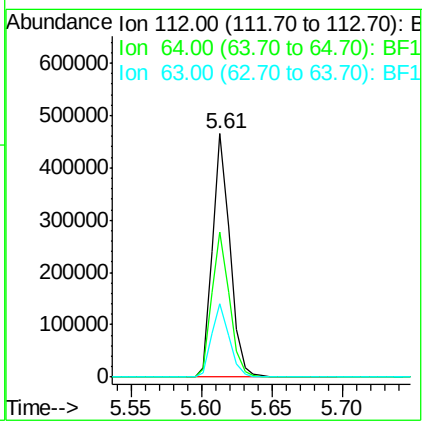


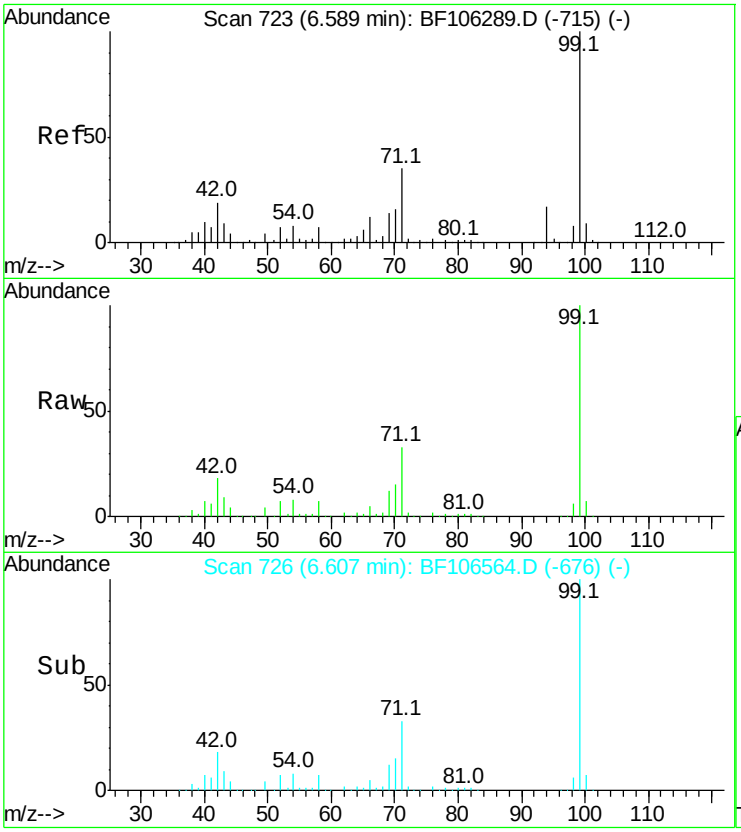


#5
2-Fluorophenol
Concen: 61.703 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:112 Resp: 399989

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.2	23.7	35.5



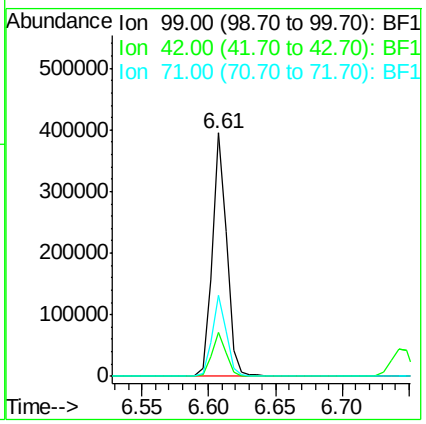


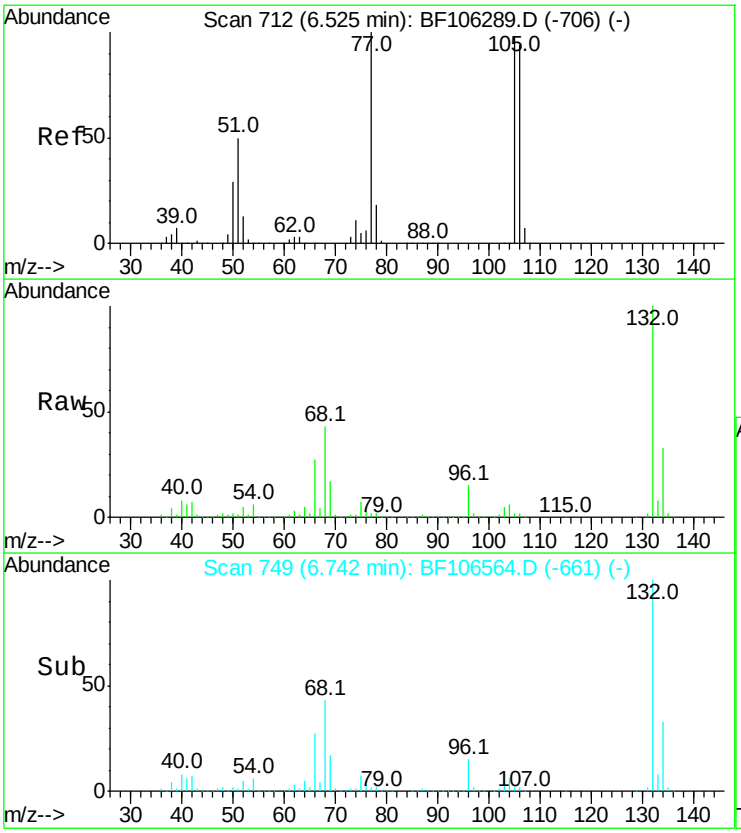
#7
Phenol-d6
Concen: 37.137 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 304153

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	33.2	25.4	38.0

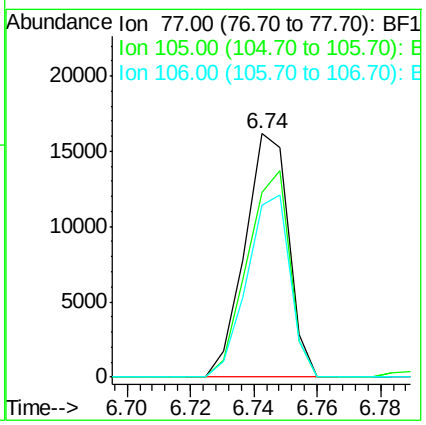


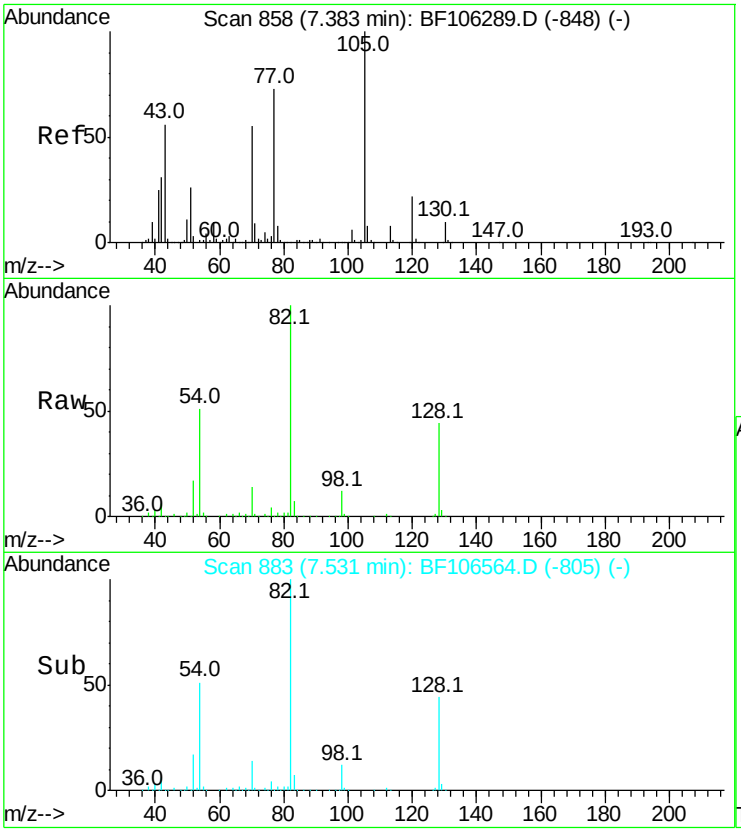


#9
Benzaldehyde
Concen: 2.482 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion: 77 Resp: 15416

Ion	Ratio	Lower	Upper
77	100		
105	75.7	81.1	121.1#
106	70.4	74.5	114.5#



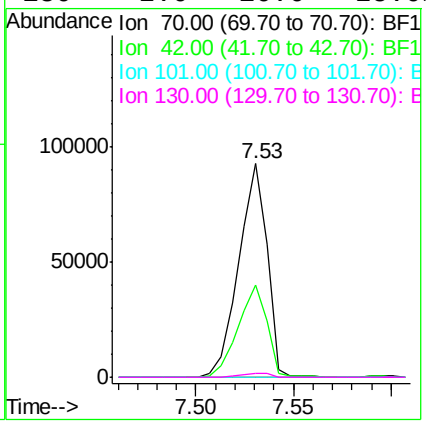


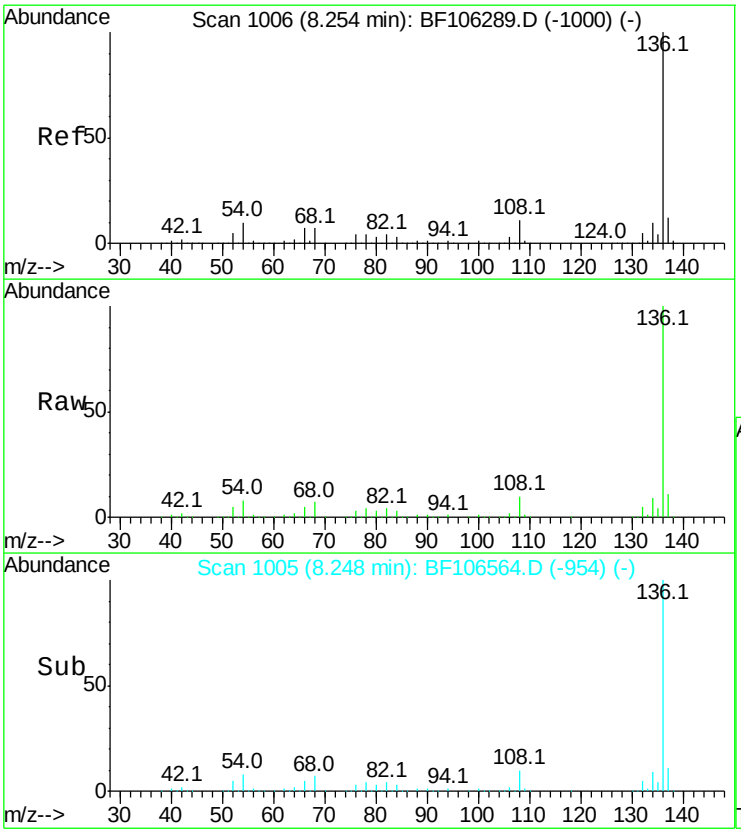
#19
n-Nitroso-di-n-propylamine
Concen: 15.128 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 92953

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

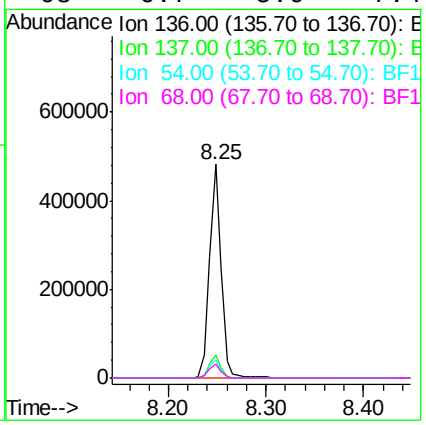


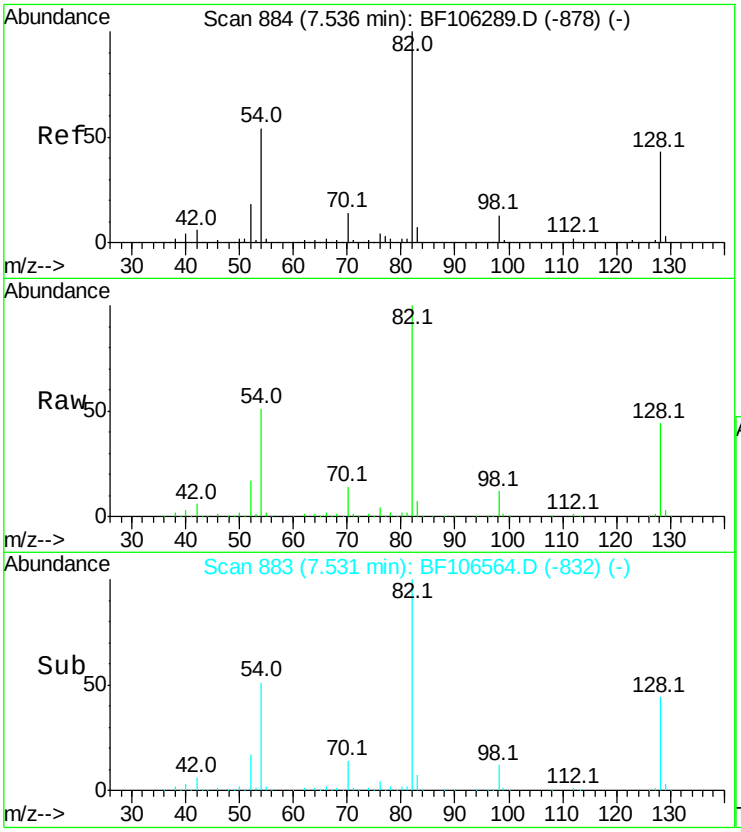


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:136 Resp: 399641

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4



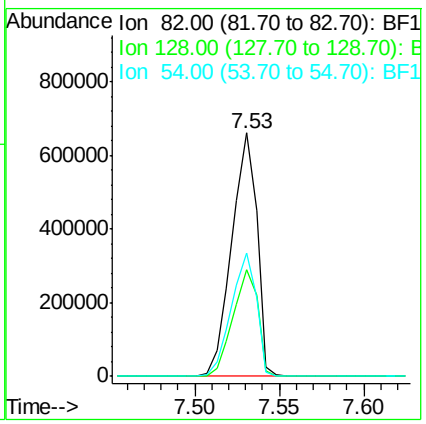


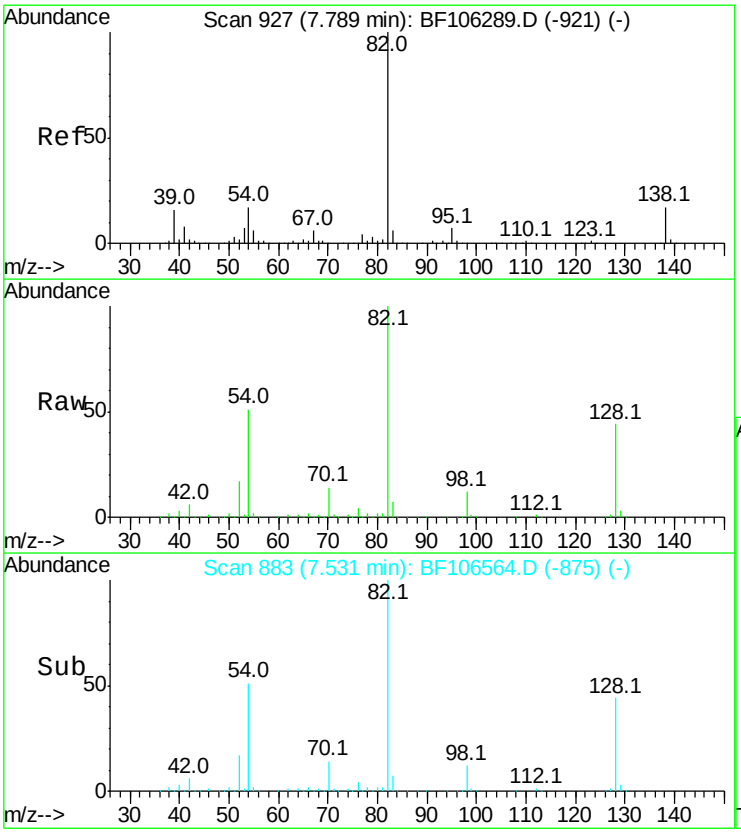
#23
Nitrobenzene-d5
Concen: 100.820 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 684905

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	50.7	41.4	62.2

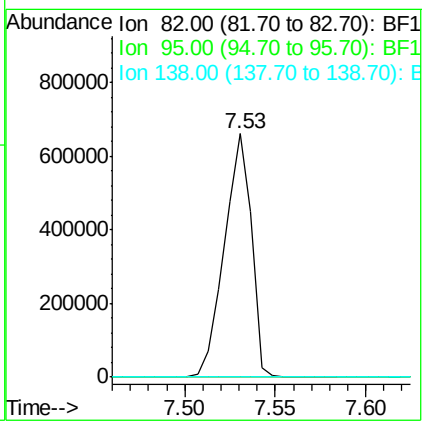


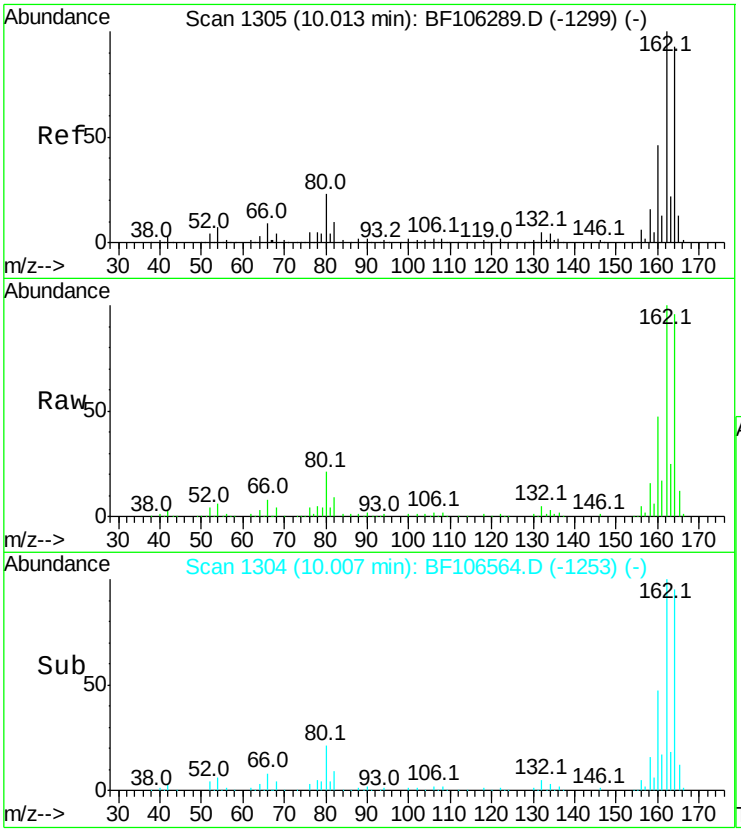


#25
Isophorone
Concen: 51.626 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion: 82 Resp: 685025

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



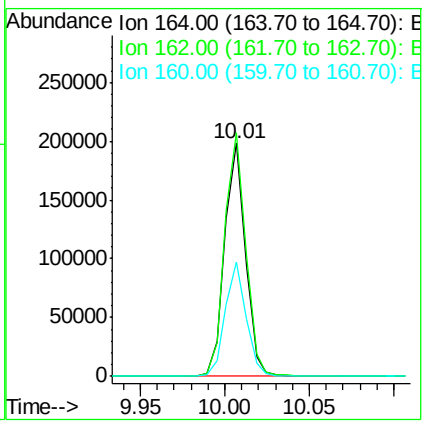


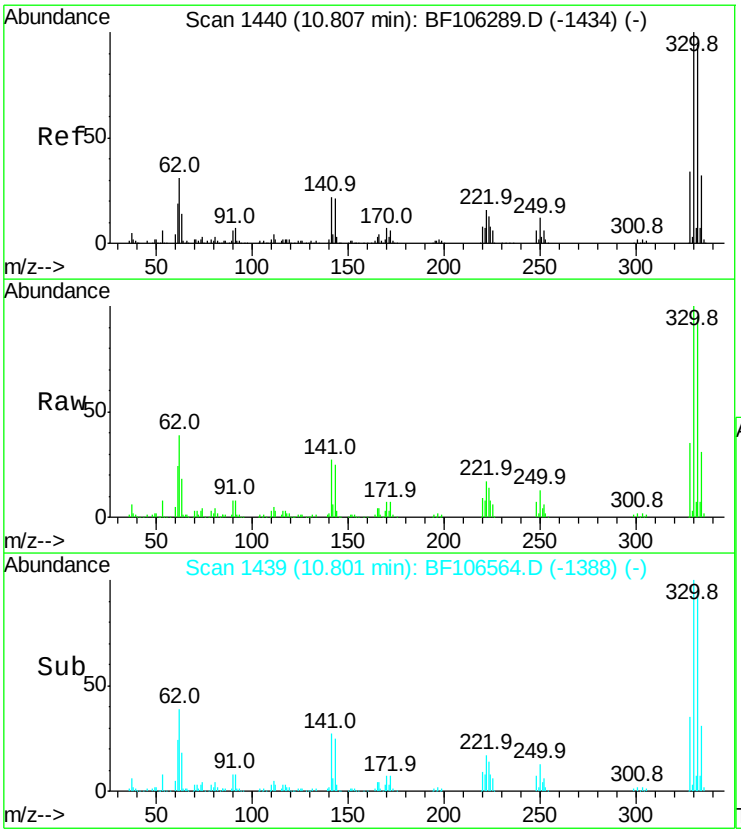
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169673

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	48.9	38.3	57.5

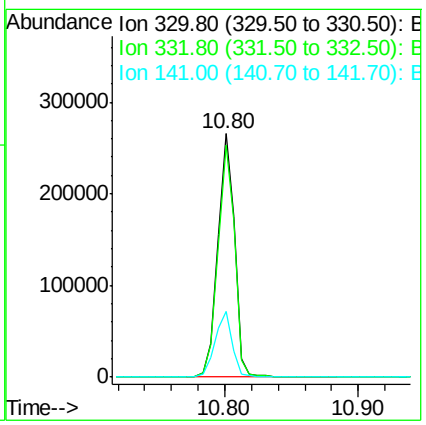


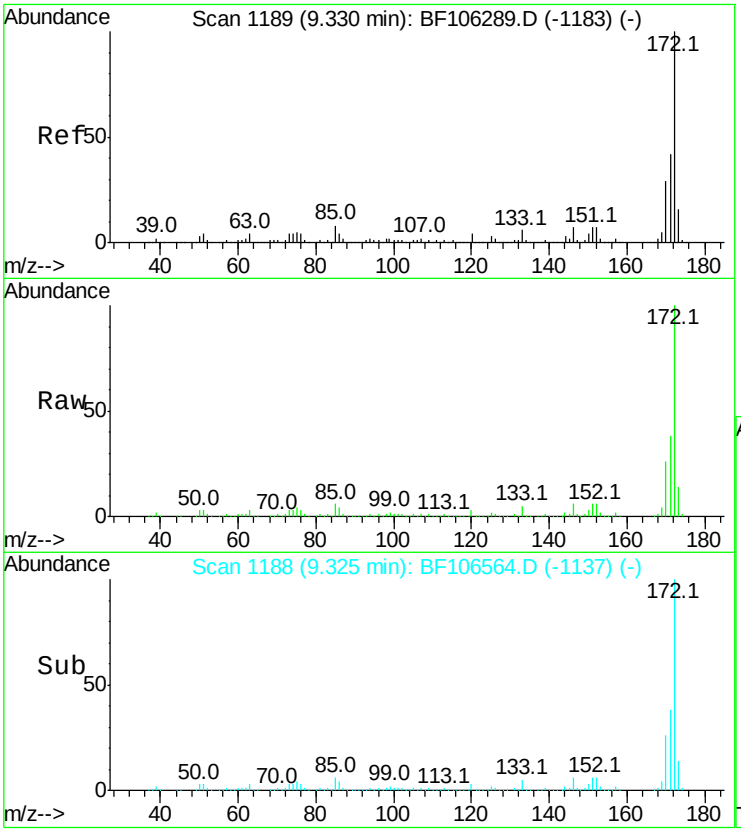


#41
2,4,6-Tribromophenol
Concen: 144.812 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:330 Resp: 236412

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	27.4	29.9	44.9#



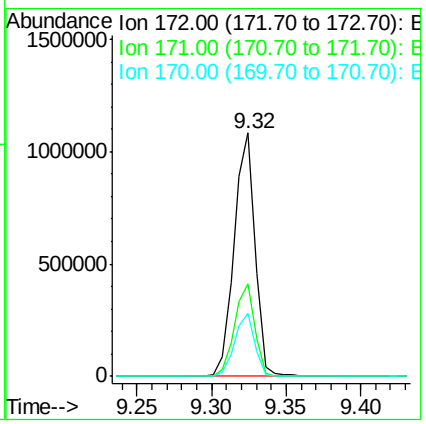


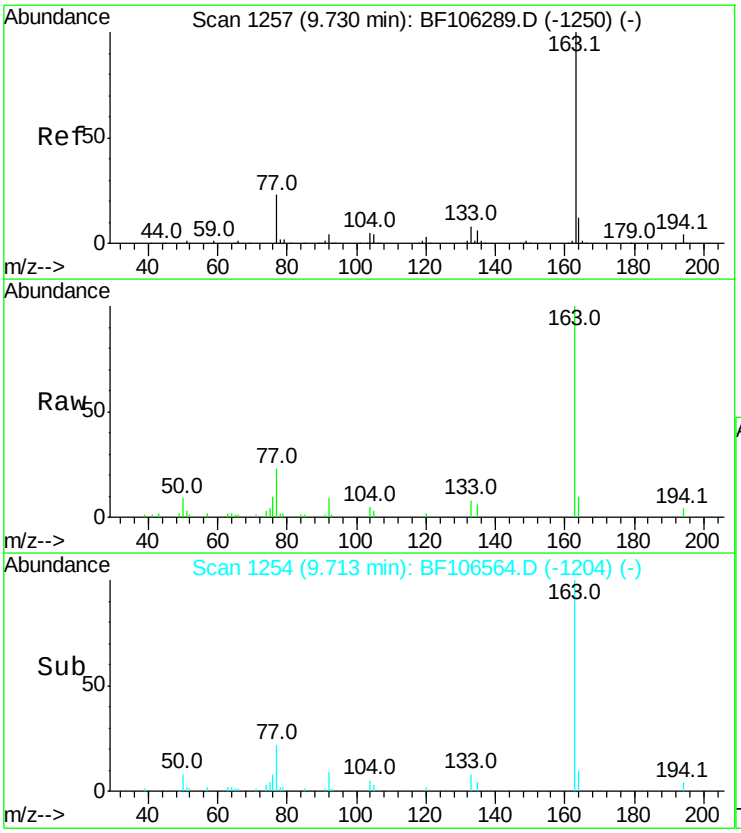
#44
2-Fluorobiphenyl
Concen: 132.347 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1068367

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.9	19.6	29.4

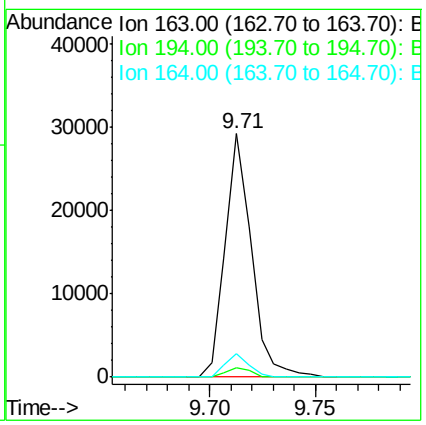


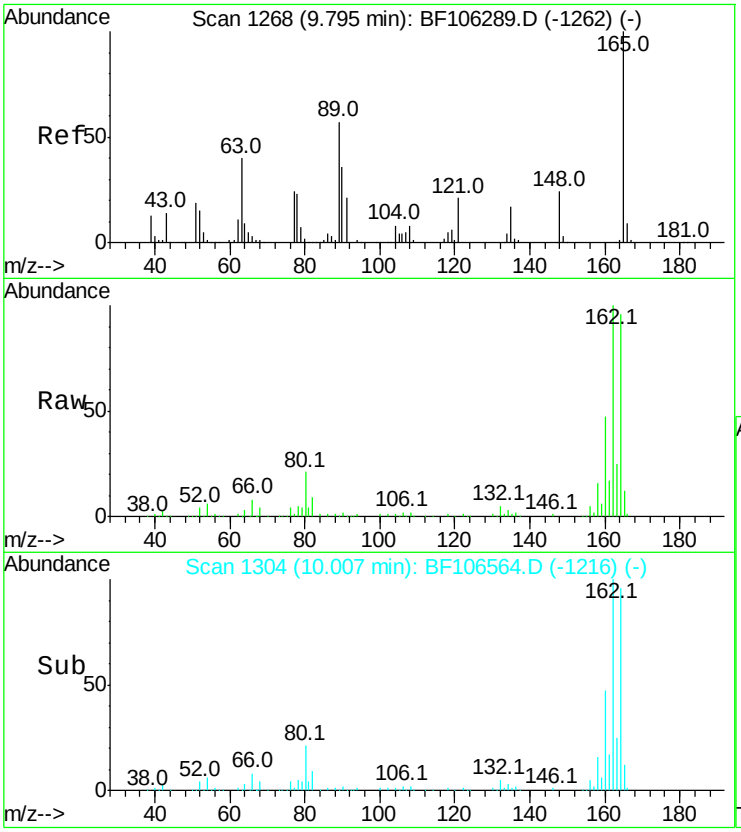


#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:163 Resp: 25017

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2



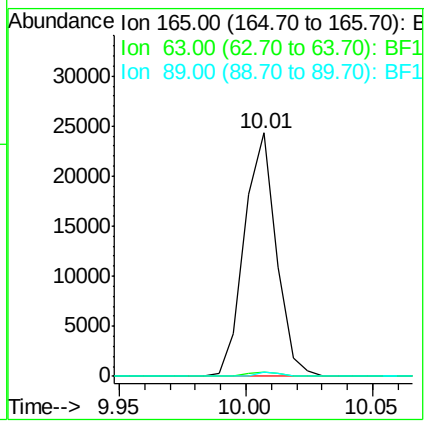


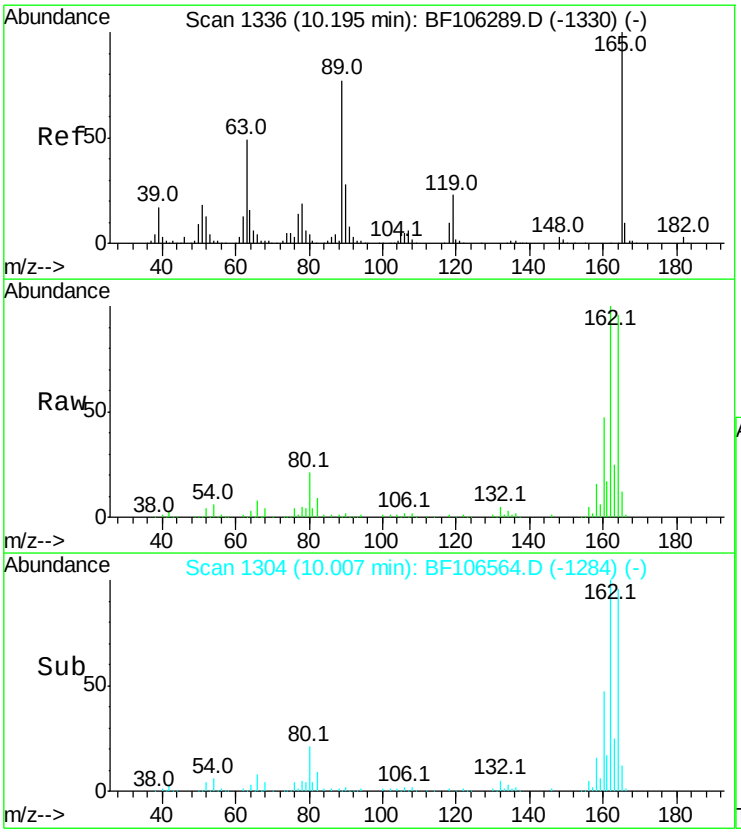
#50
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21316

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	2.0	44.0	66.0#

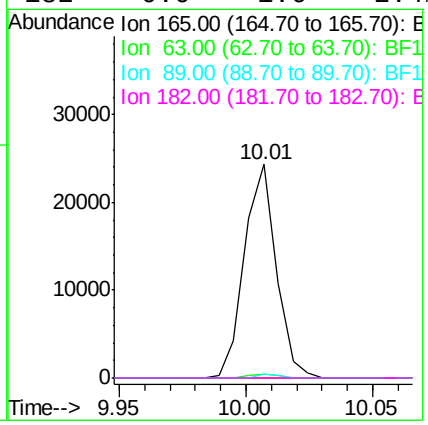


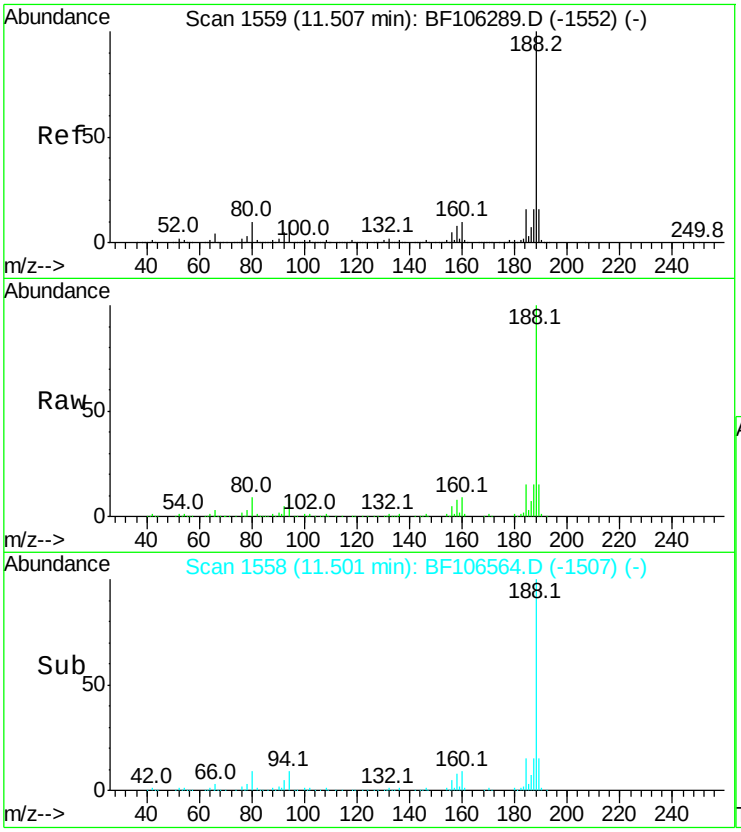


#56
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:165 Resp: 21316

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



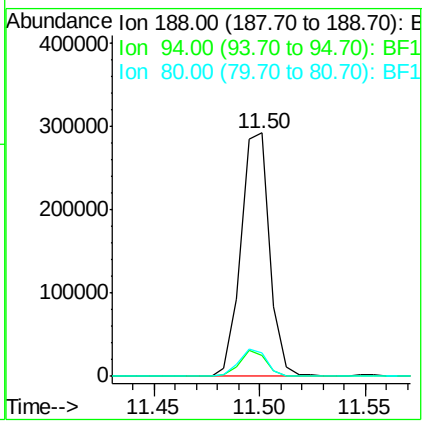


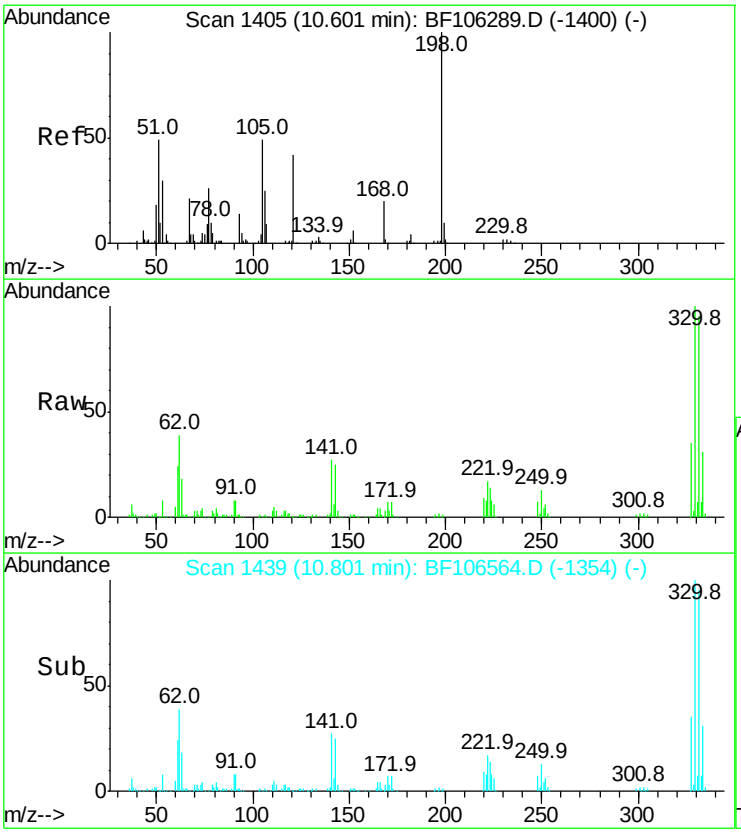
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 274804

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

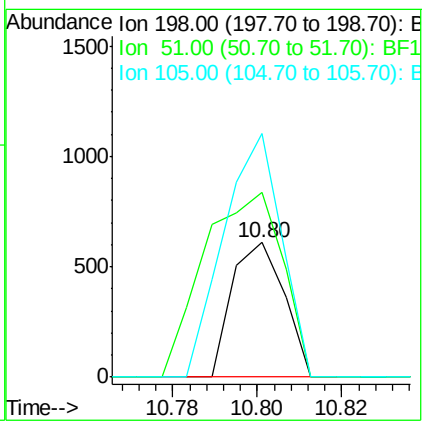


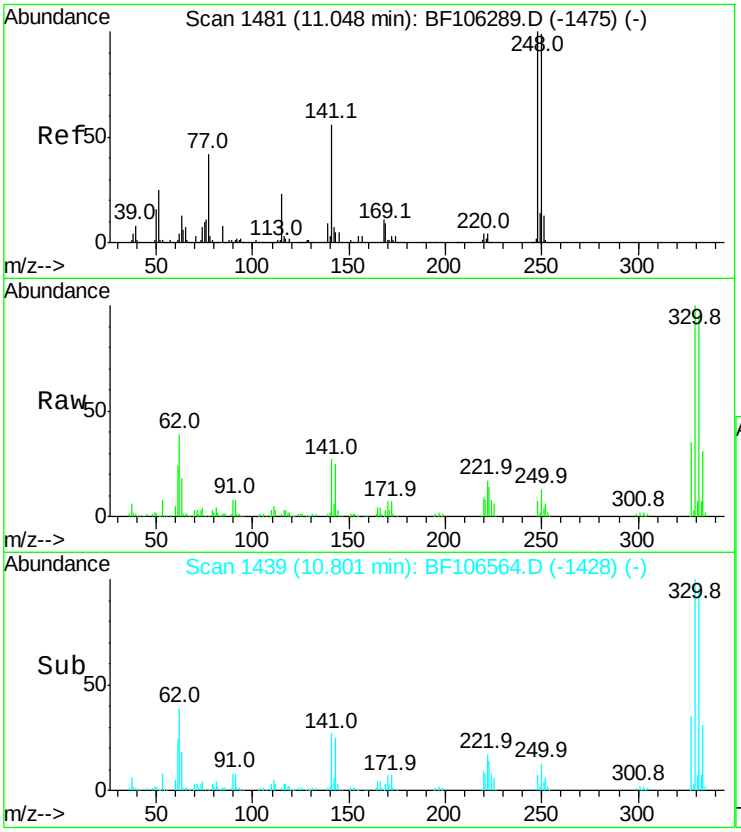


#64
4,6-Dinitro-2-methylphenol
Concen: 6.601 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:198 Resp: 522

Ion	Ratio	Lower	Upper
198	100		
51	137.5	37.7	77.7#
105	180.8	36.3	76.3#



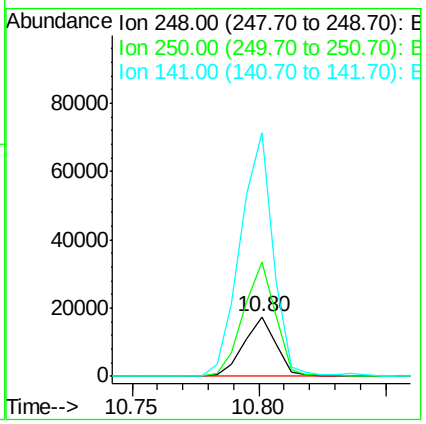


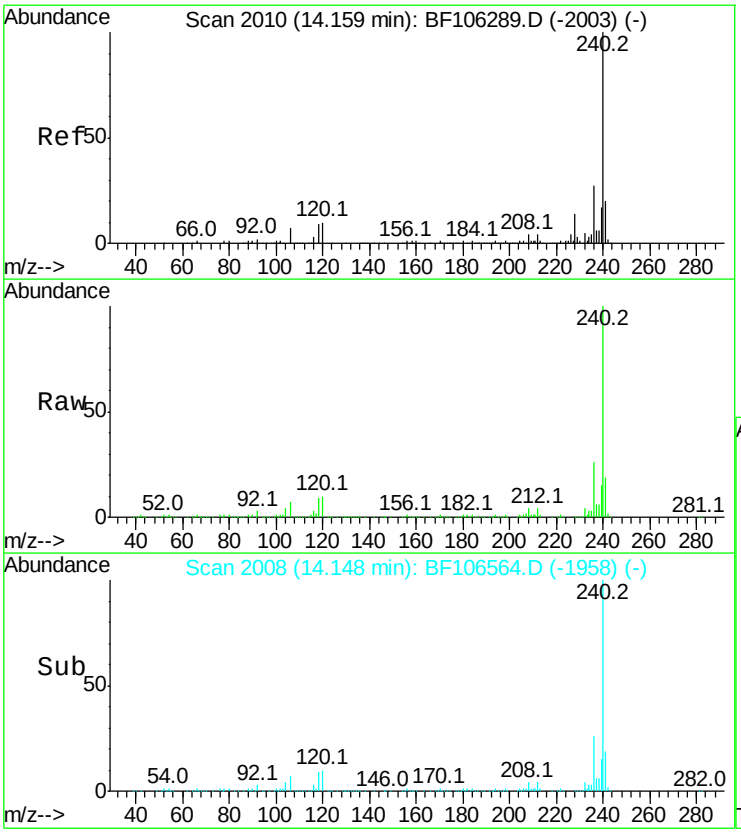
#66
4-Bromophenyl-phenylether
Concen: 4.878 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15248

Ion	Ratio	Lower	Upper
248	100		
250	192.6	76.9	115.3#
141	409.3	74.4	111.6#

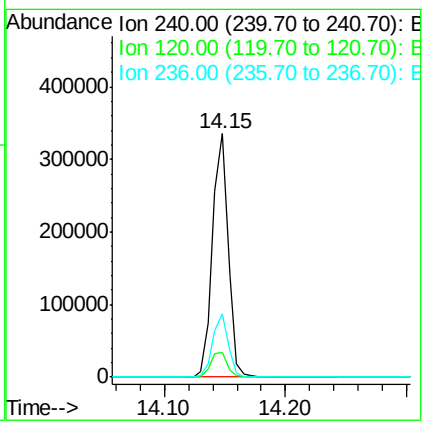


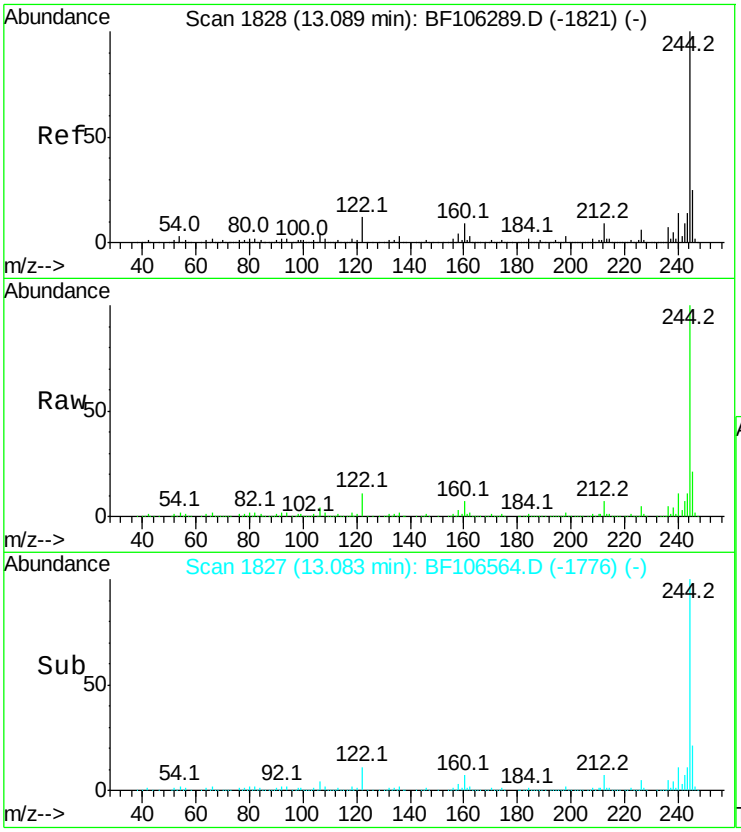


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:240 Resp: 298104

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.8	20.7	31.1



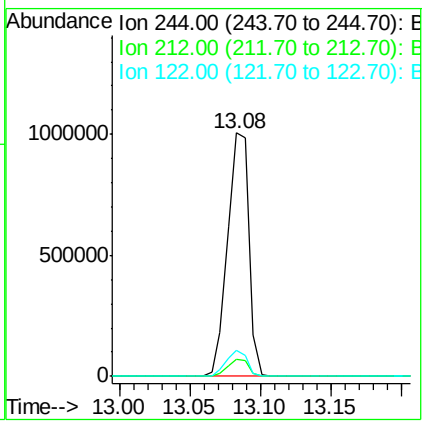


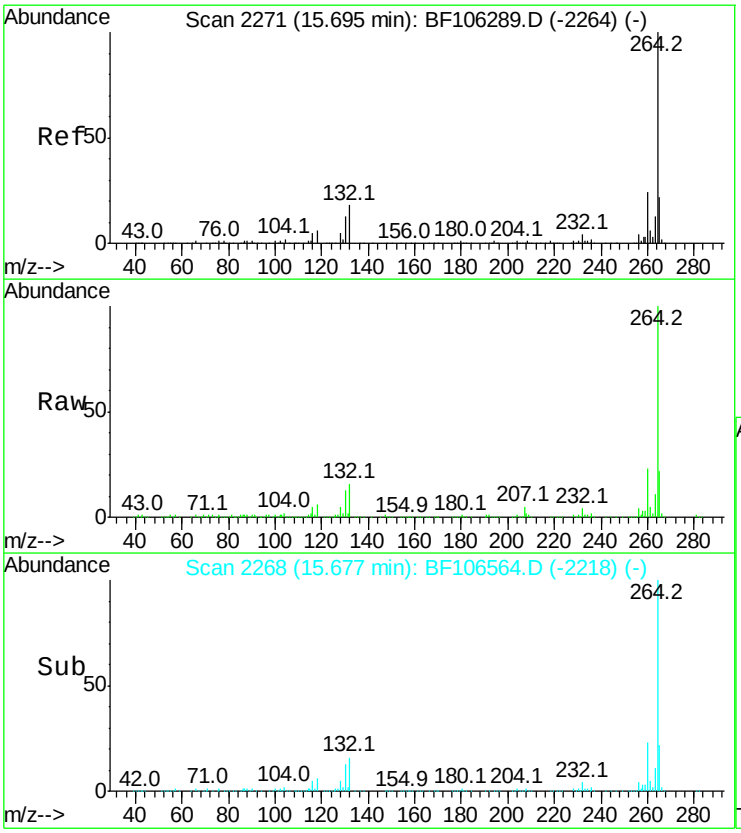
#78
Terphenyl-d14
Concen: 88.310 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1059895

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.9	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: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:264 Resp: 267458

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.1	17.5	26.3