Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106335.D
Acq On : 12 Jun 2018 10:19
Operator : JU/SJ
Sample : J3398-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 12 11:07:47 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	212500	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	766945	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	329828	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	524520	20.00	ng		0.00
75) Chrysene-d12	14.15	240	508398	20.00	ng		0.00
86) Perylene-d12	15.69	264	344681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	655124	52.18	ng		0.00
7) Phenol-d6	6.59	99	520410	32.81	ng		0.00
23) Nitrobenzene-d5	7.54	82	1107312	84.94	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	400032	126.05	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1711216	95.86	ng		0.00
78) Terphenyl-d14	13.09	244	1390825	67.95	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.57	42	20829	2.511	ng	#	1
10) Phenol	6.60	94	75676	4.370	ng		96
17) 2-Methylphenol	7.21	107	48650	4.039	ng	#	87
18) Hexachloroethane	7.50	117	54301	9.450	ng	#	1
25) Isophorone	7.54	82	1106870	43.468	ng	#	64
31) Naphthalene	8.28	128	78533	2.265	ng	#	95
32) Benzoic acid	8.07	122	218786	30.627	ng		90
37) 2-Methylnaphthalene	8.97	142	131108	5.552	ng		97
49) Dimethylphthalate	9.72	163	86056	3.652	ng	#	97
52) 3-Nitroaniline	9.93	138	36409	6.373	ng	#	38
53) 2,4-Dinitrophenol	10.04	184	133	8.668	ng	#	1
55) 4-Nitrophenol	10.12	139	9015	2.059	ng	#	70
56) 2,4-Dinitrotoluene	10.01	165	44485	7.360	ng	#	28
64) 4,6-Dinitro-2-methylphenol	10.60	198	3291	7.305	ng	#	47
66) 4-Bromophenyl-phenylether	10.81	248	25563	4.285	ng	#	1
69) Pentachlorophenol	11.30	266	19849	5.242	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BF106335.D
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 12 11:07:47 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
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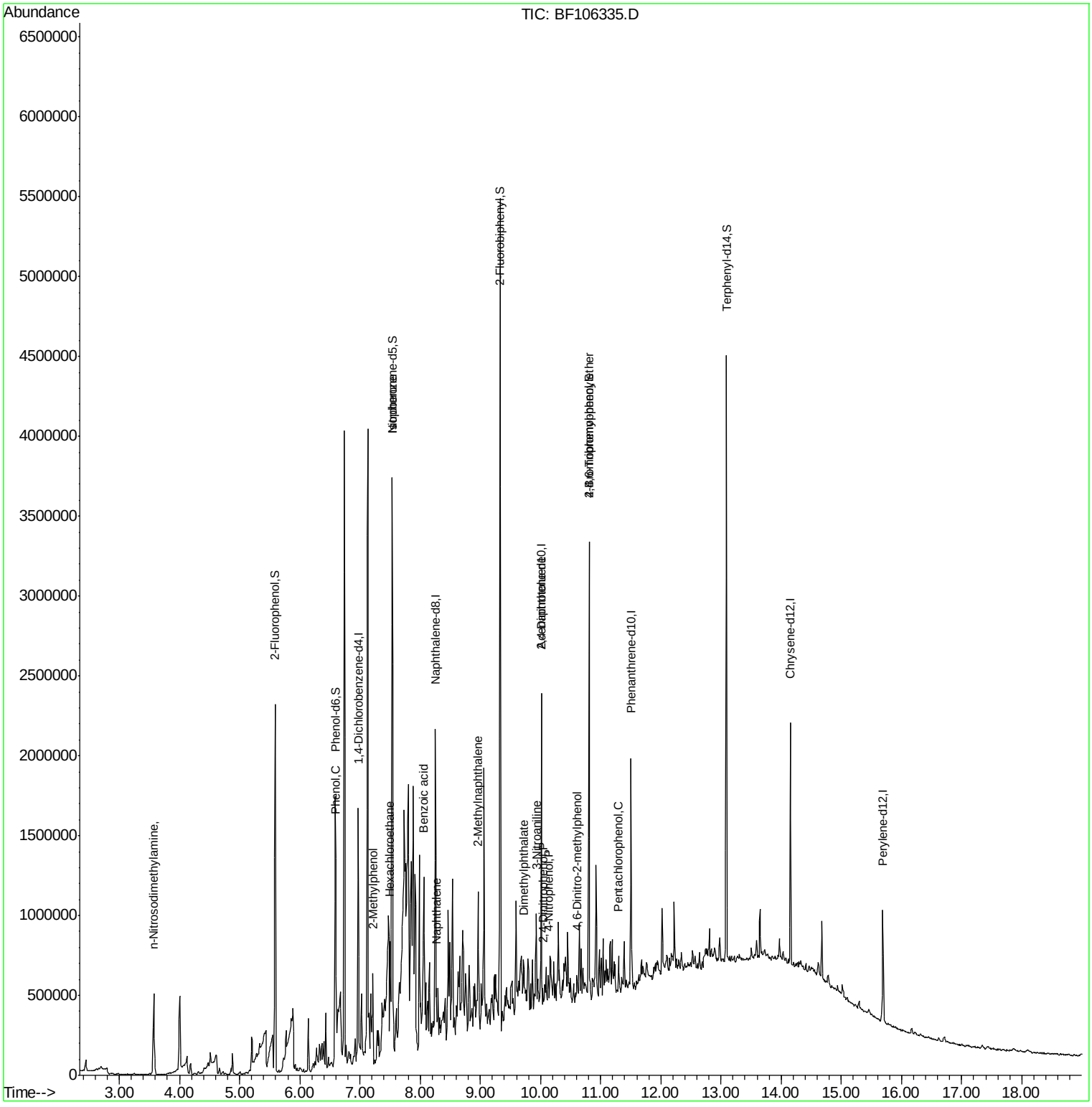
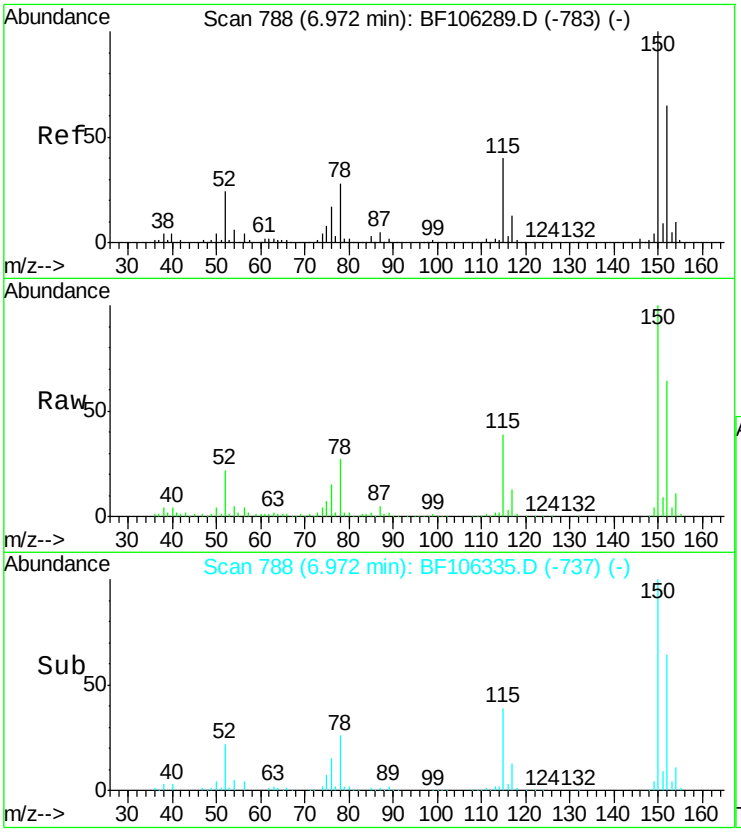


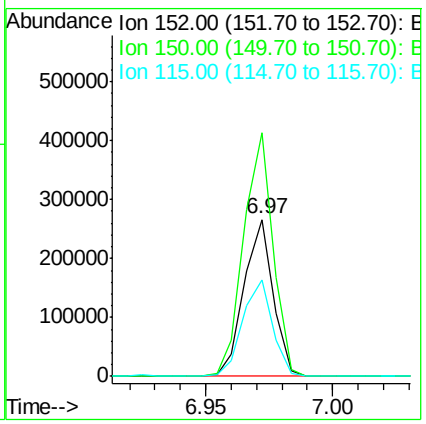


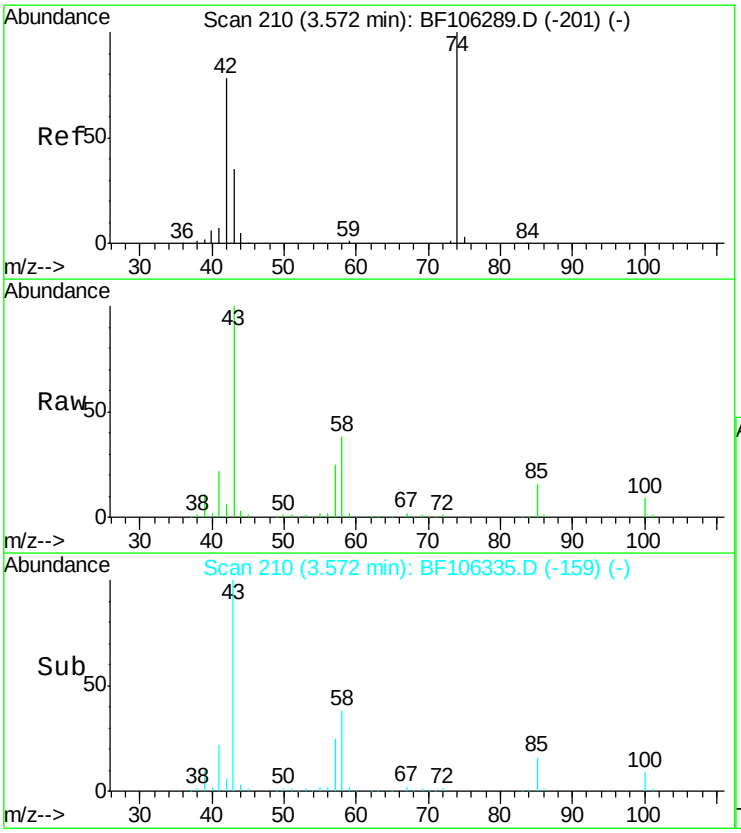
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 212500

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.1	50.1	75.1

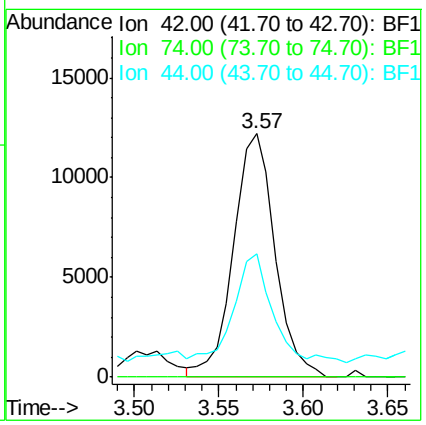


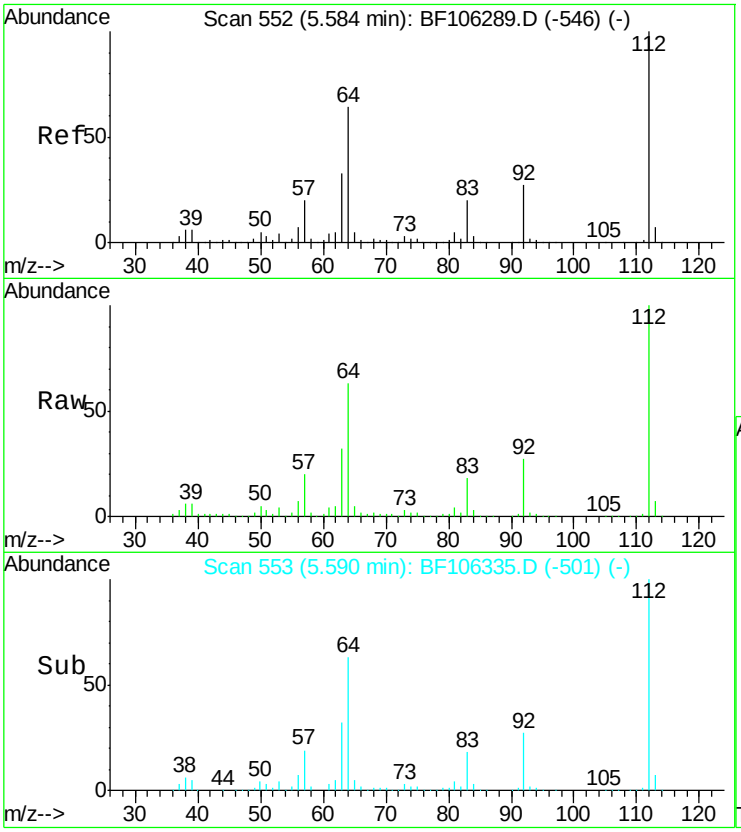


#4
n-Nitrosodimethylamine
Concen: 2.511 ng
RT: 3.57 min Scan# 210
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion: 42 Resp: 20829

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	50.8	6.9	10.3#



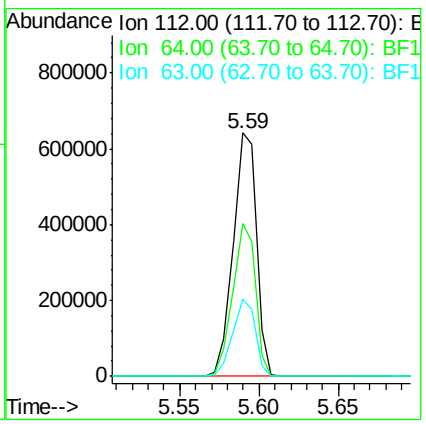


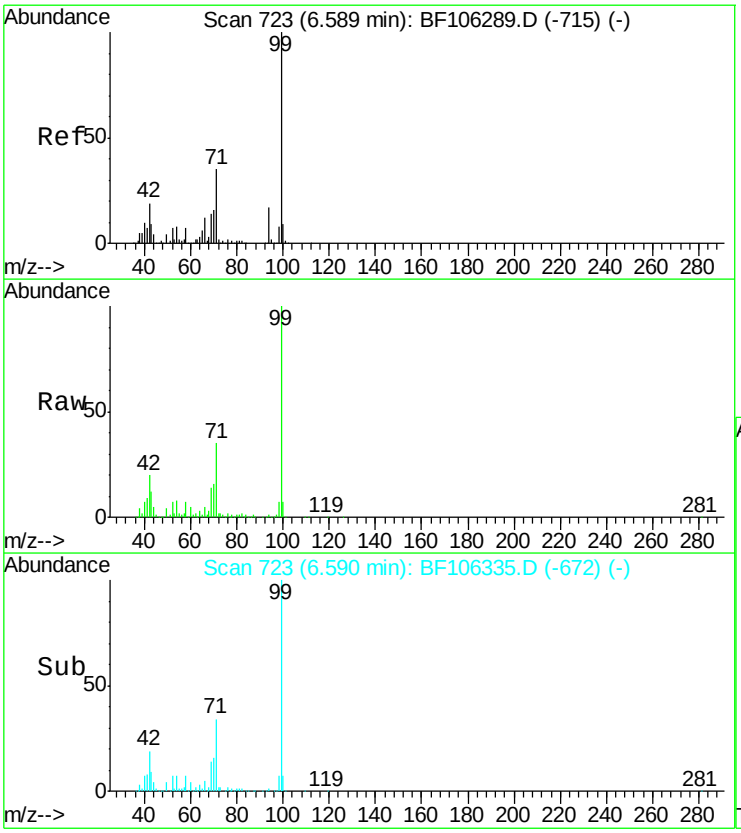
#5
2-Fluorophenol
Concen: 52.179 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 655124

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	31.5	23.7	35.5

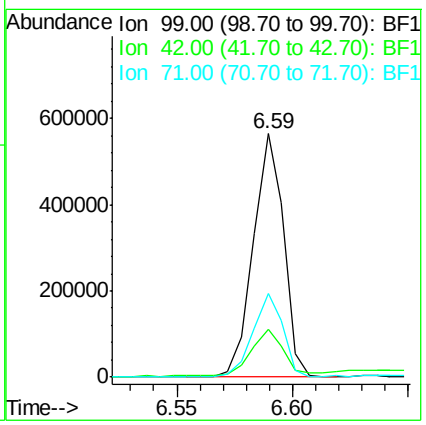


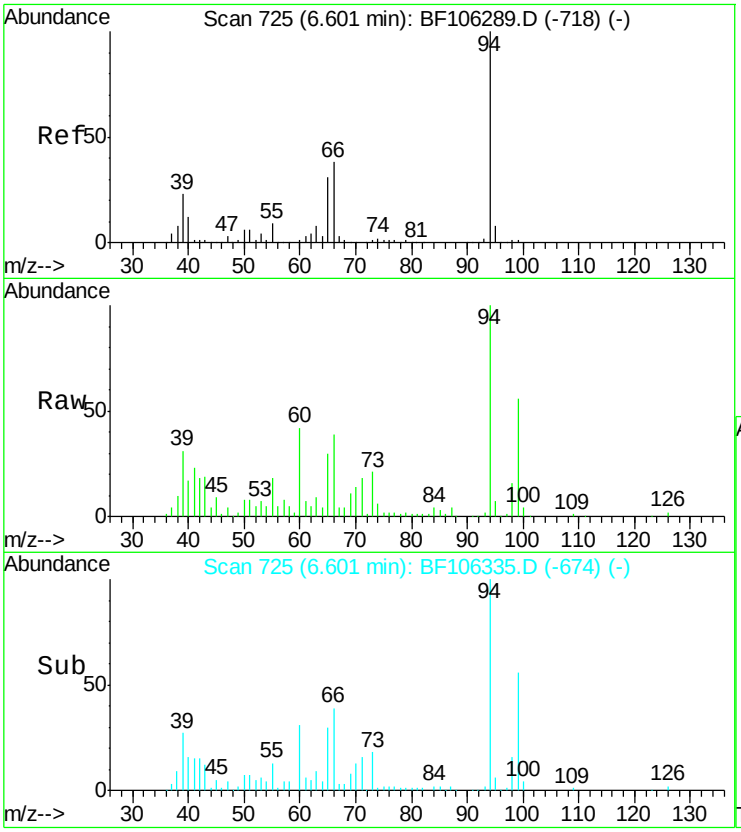


#7
Phenol-d6
Concen: 32.807 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion: 99 Resp: 520410

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.6	25.4	38.0



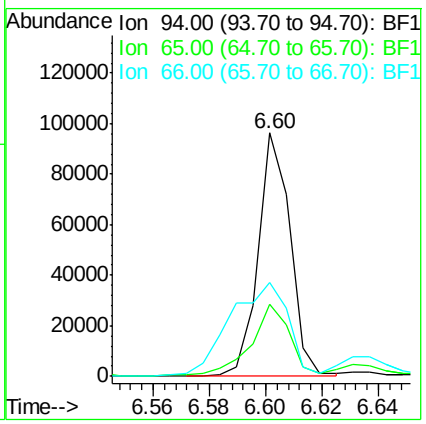


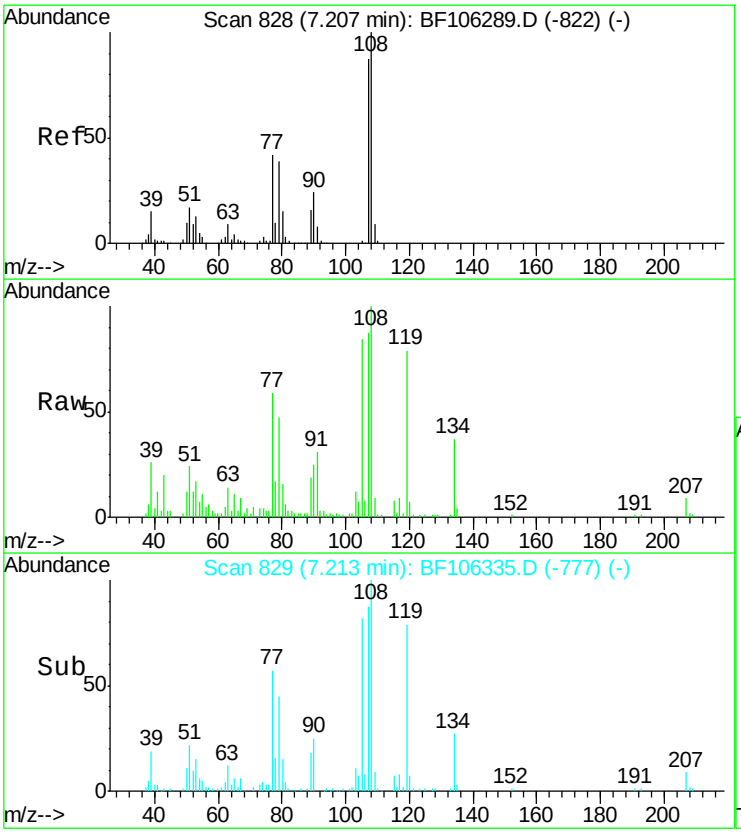
#10
Phenol
Concen: 4.370 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 75676

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	38.7	16.2	56.2

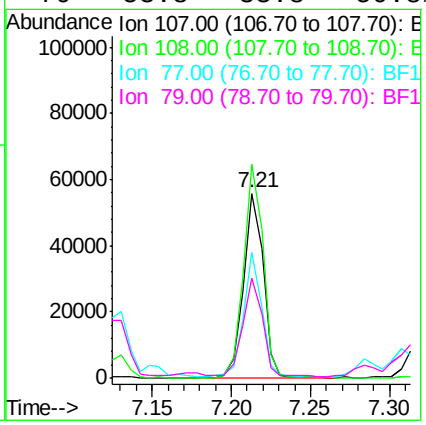


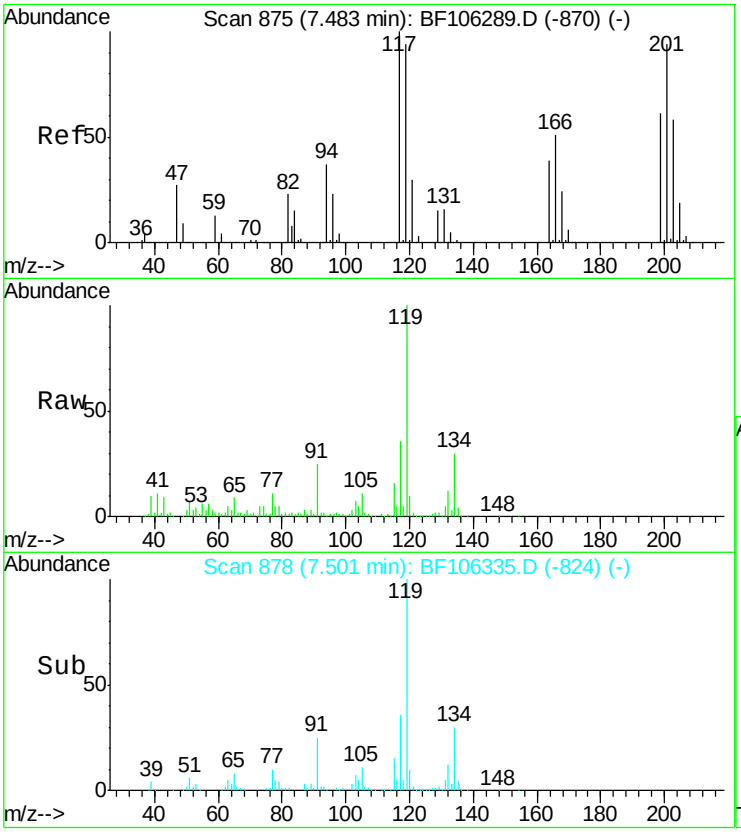


#17
2-Methylphenol
Concen: 4.039 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:107 Resp: 48650

Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	67.8	33.8	50.8#
79	53.8	33.8	50.8#



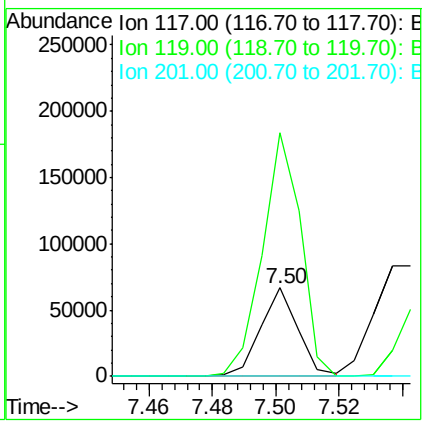


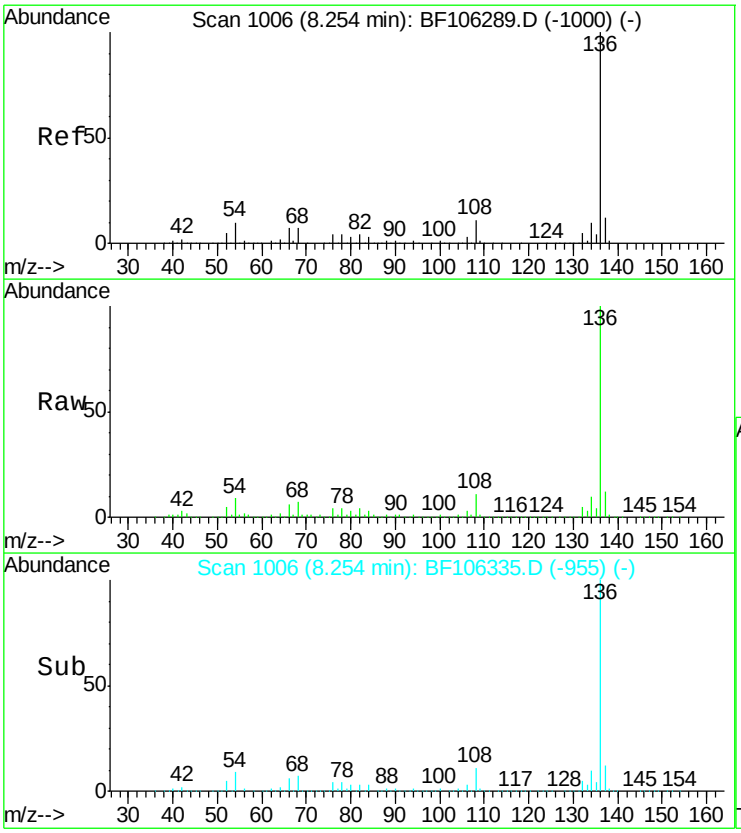
#18
Hexachloroethane
Concen: 9.450 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 54301

Ion	Ratio	Lower	Upper
117	100		
119	276.0	75.8	113.8#
201	0.0	75.7	113.5#

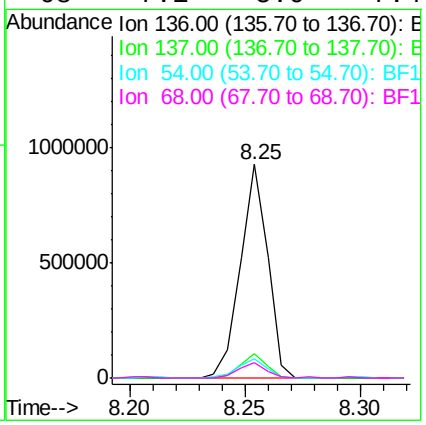


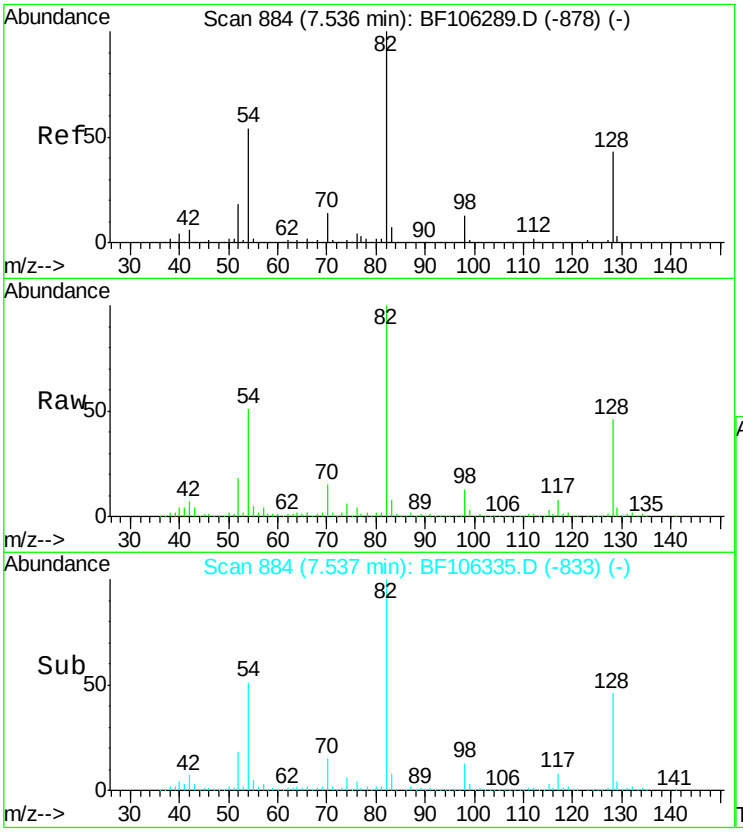


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:136 Resp: 766945

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.2	6.6	9.8
68	7.1	5.0	7.4



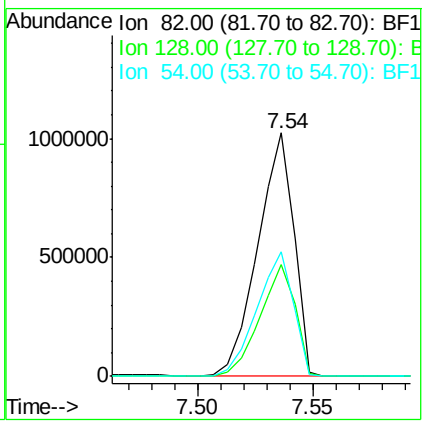


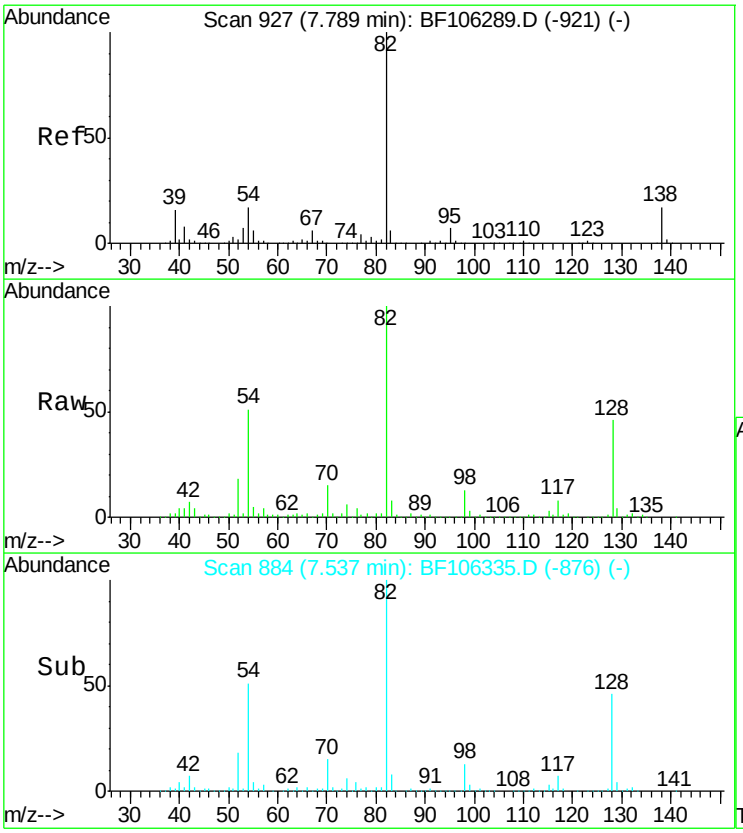
#23
Nitrobenzene-d5
Concen: 84.936 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1107312

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	51.1	41.4	62.2

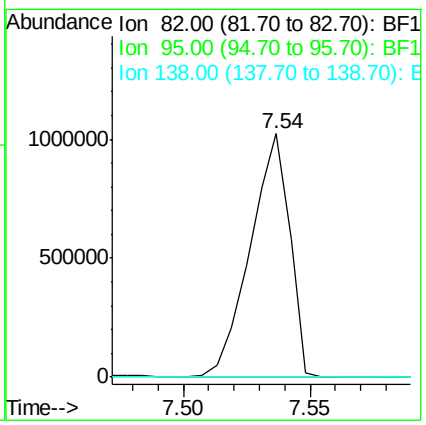


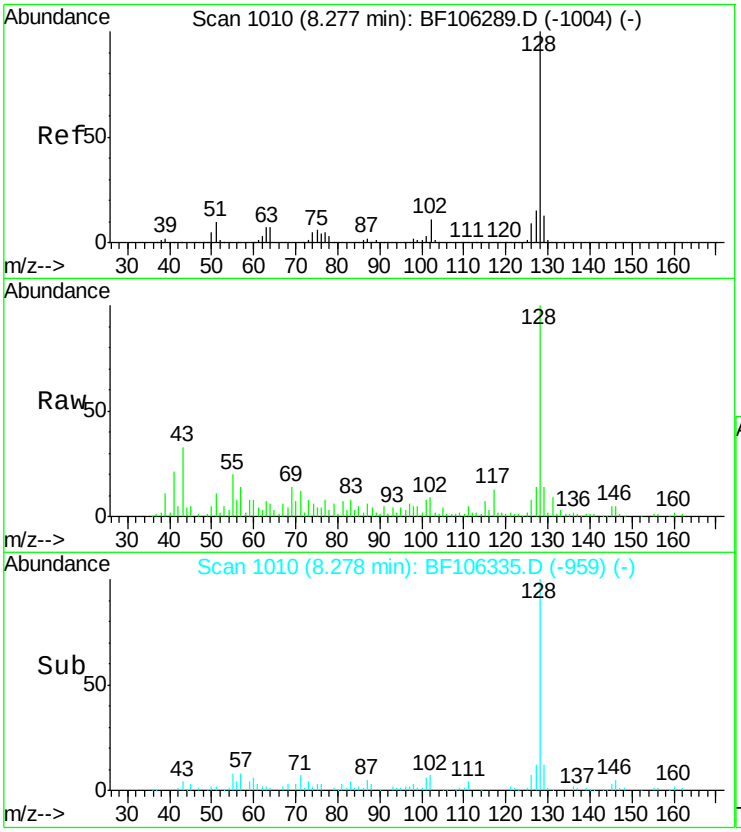


#25
Isophorone
Concen: 43.468 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion: 82 Resp: 1106870

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



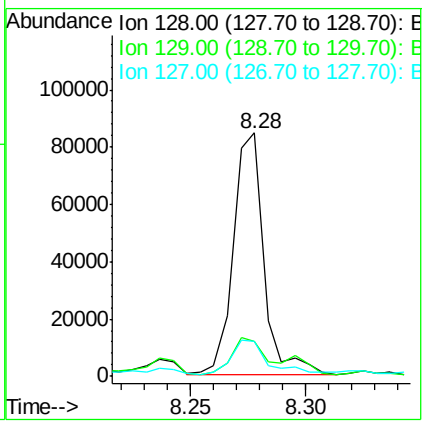


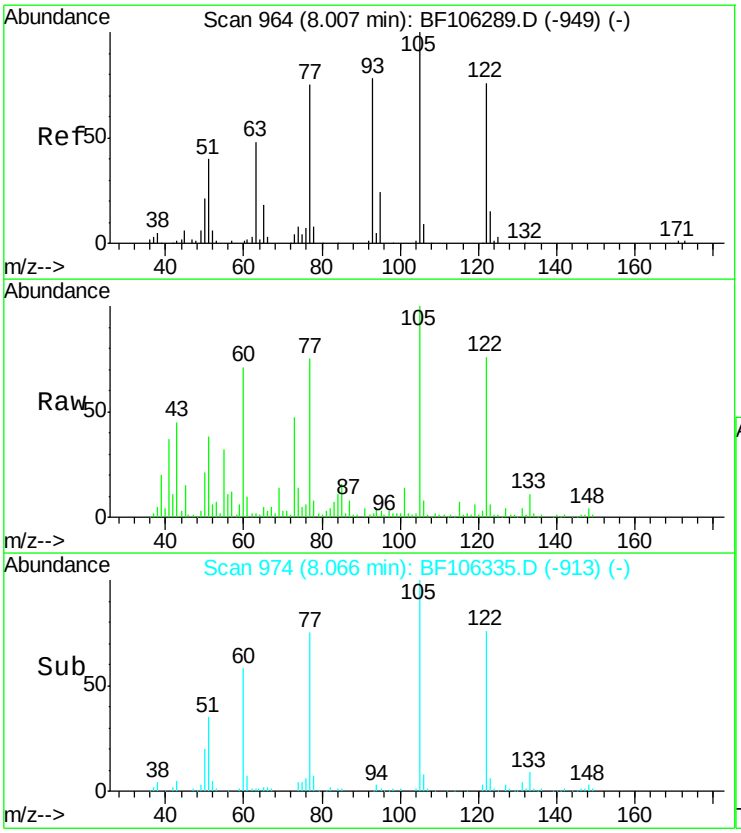
#31
Naphthalene
Concen: 2.265 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 78533

Ion	Ratio	Lower	Upper
128	100		
129	14.4	8.8	13.2#
127	14.2	10.9	16.3

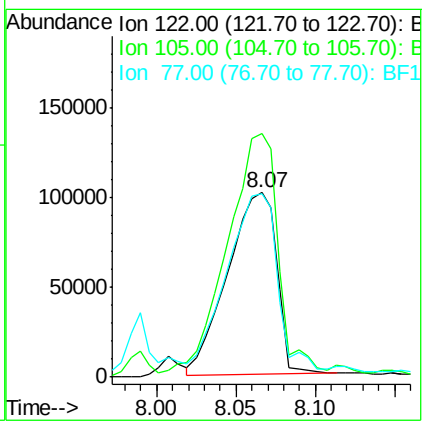


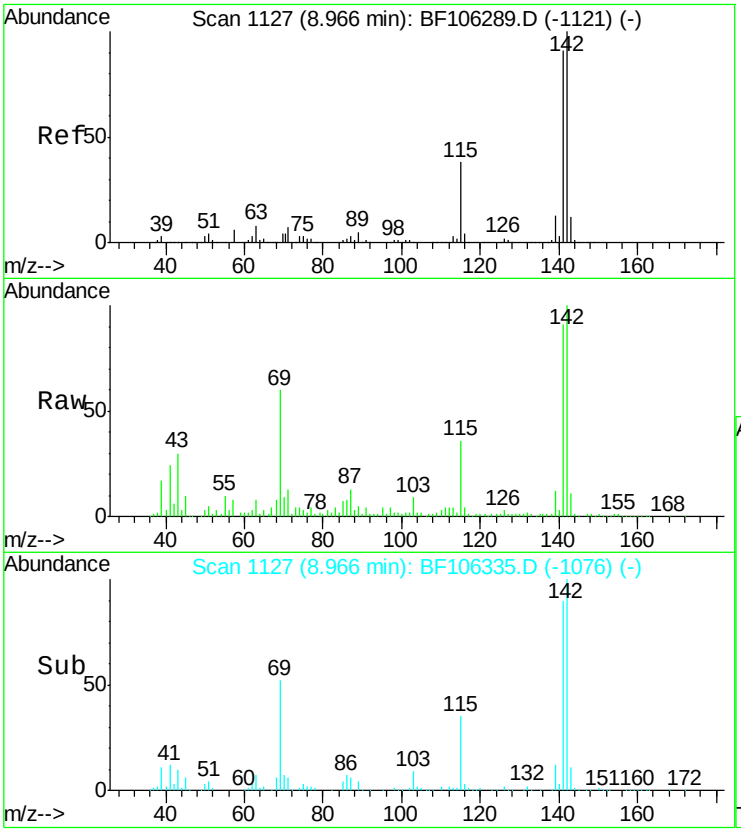


#32
Benzoic acid
Concen: 30.627 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.06 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:122 Resp: 218786

Ion	Ratio	Lower	Upper
122	100		
105	132.2	101.1	141.1
77	99.8	70.7	110.7



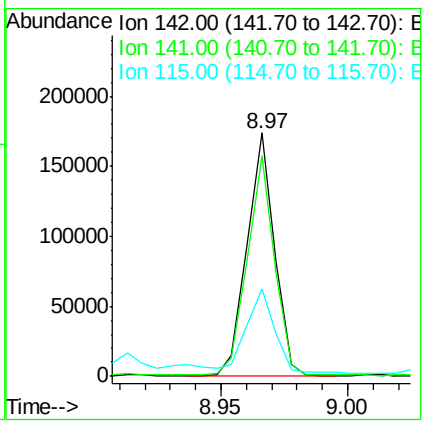


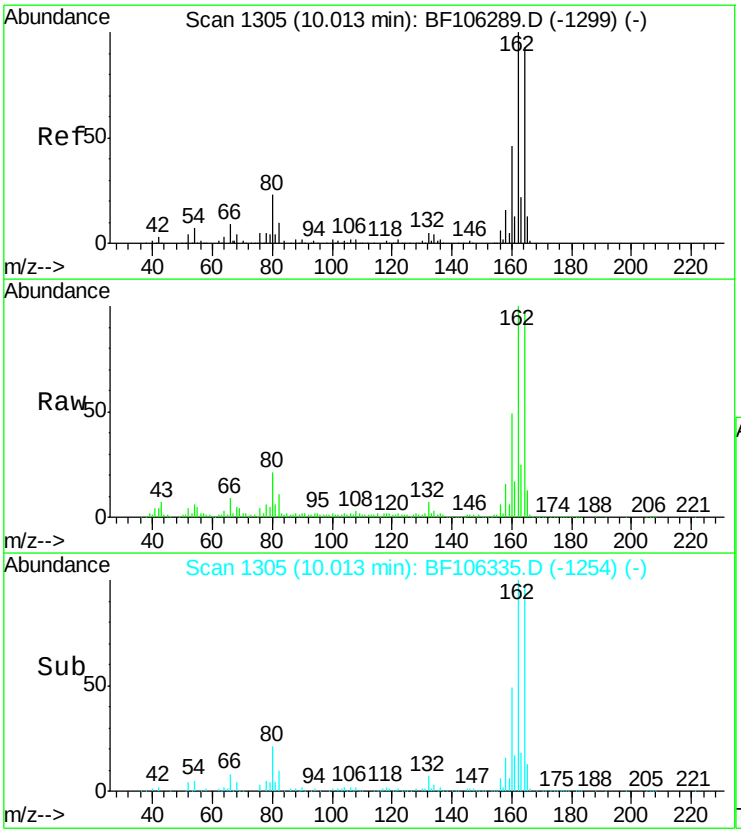
#37
2-Methylnaphthalene
Concen: 5.552 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 131108

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	36.1	26.1	39.1

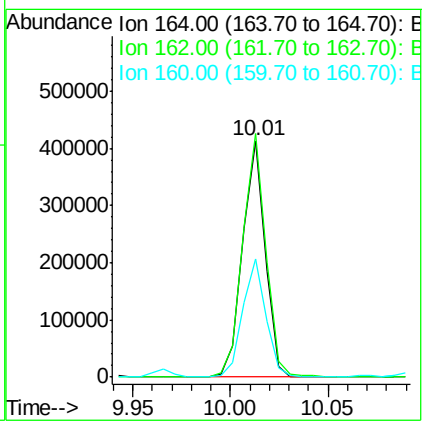


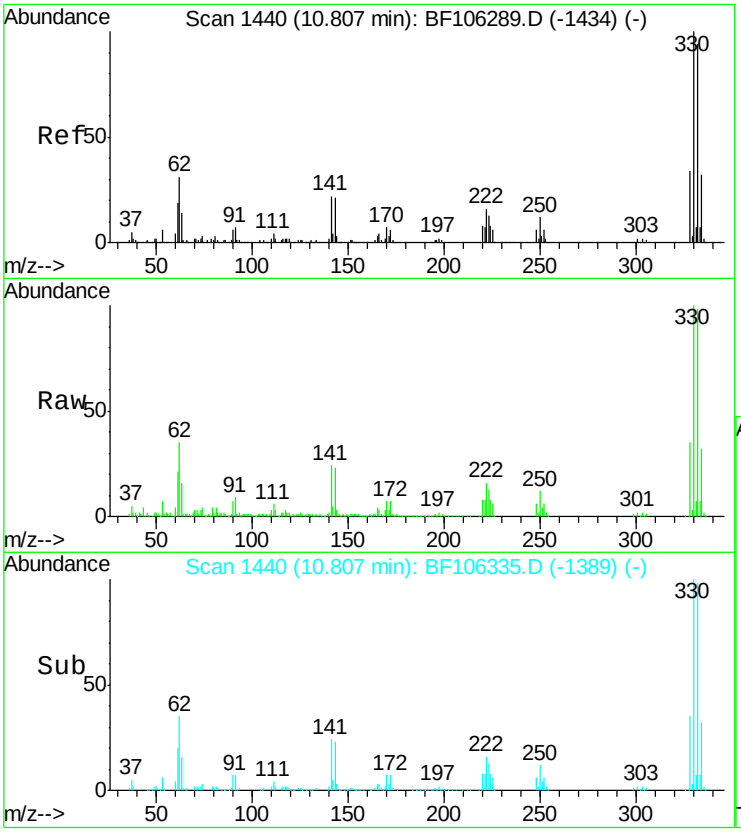


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:164 Resp: 329828

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	50.2	38.3	57.5



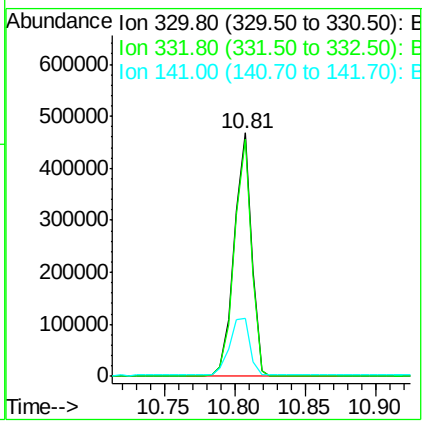


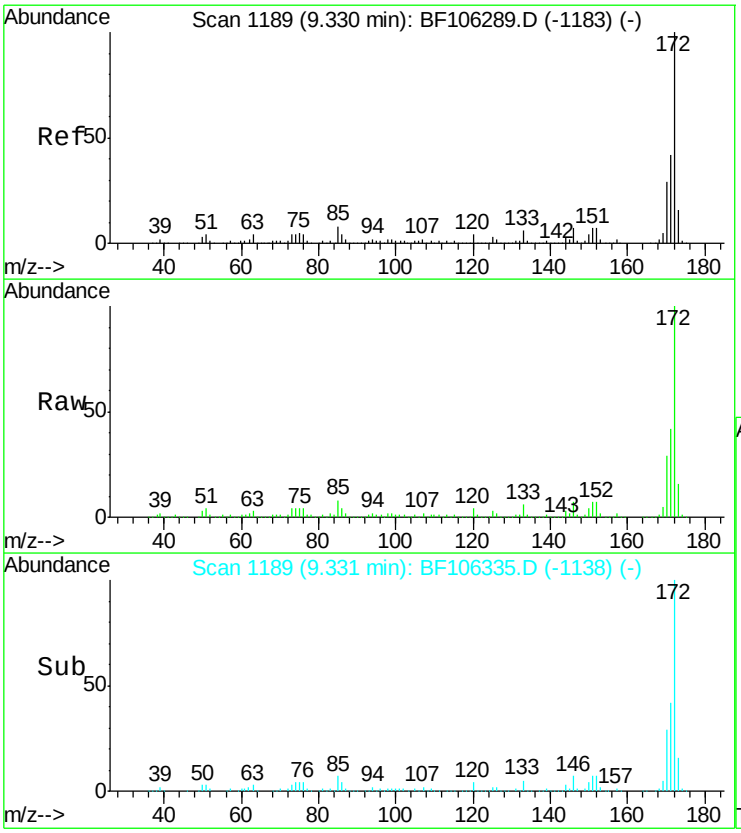
#41
2,4,6-Tribromophenol
Concen: 126.053 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 400032

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	27.0	29.9	44.9#

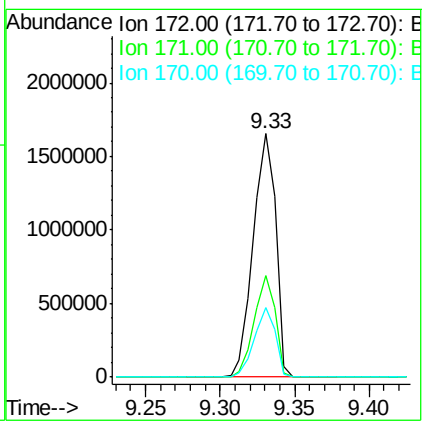


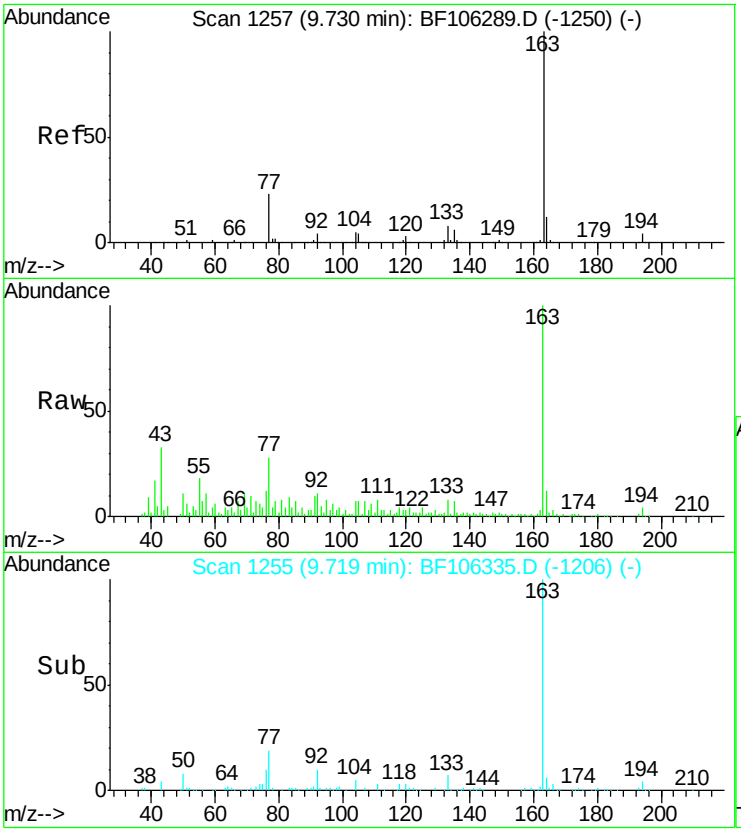


#44
2-Fluorobiphenyl
Concen: 95.864 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:172 Resp: 1711216

Ion	Ratio	Lower	Upper
172	100		
171	41.8	29.7	44.5
170	28.7	19.6	29.4



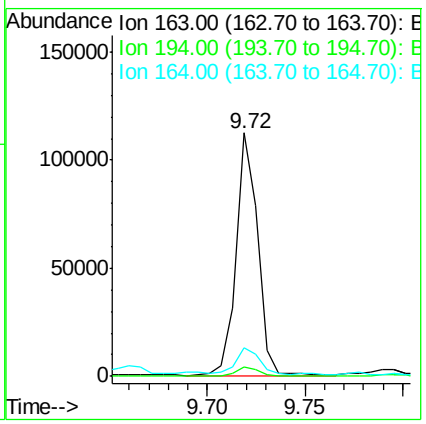


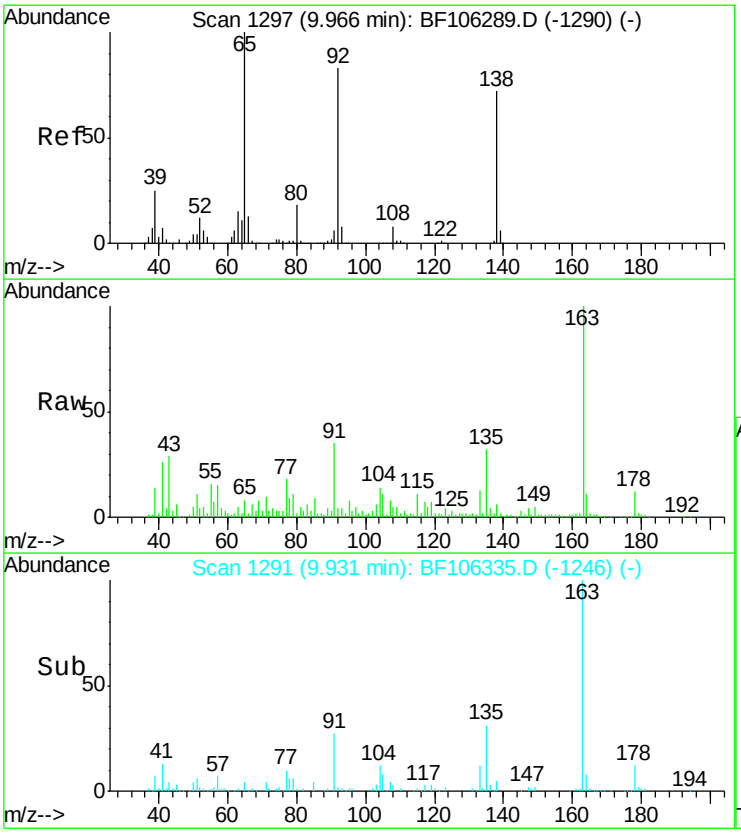
#49
Dimethylphthalate
Concen: 3.652 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 86056

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.6	8.2	12.2

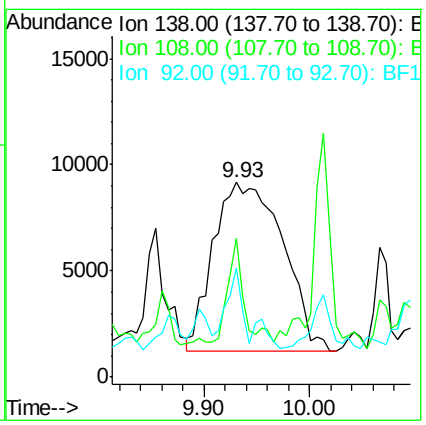


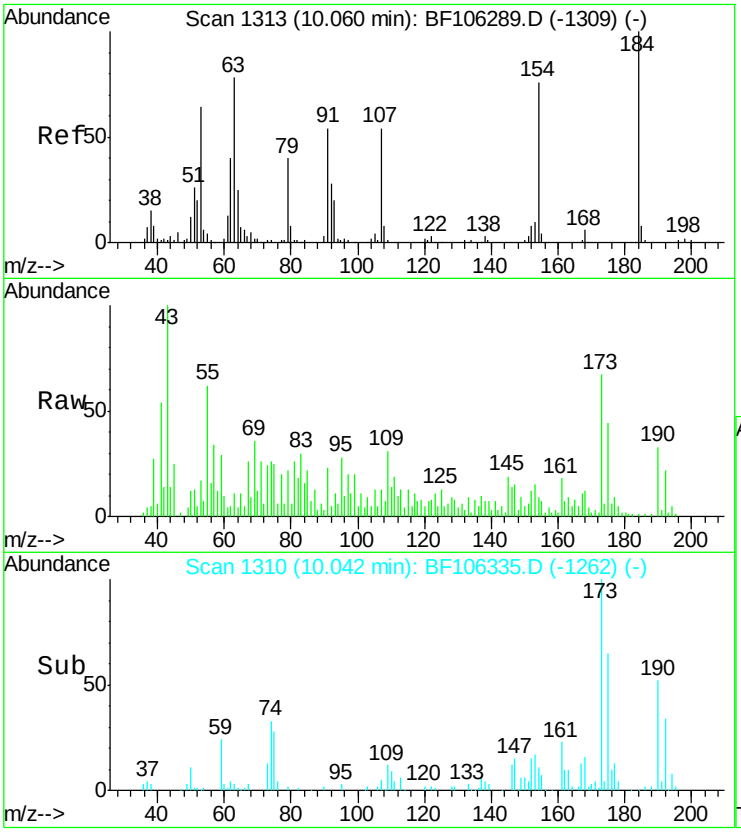


#52
3-Nitroaniline
Concen: 6.373 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.04 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:138 Resp: 36409

Ion	Ratio	Lower	Upper
138	100		
108	71.4	9.4	14.0#
92	56.0	89.4	134.2#



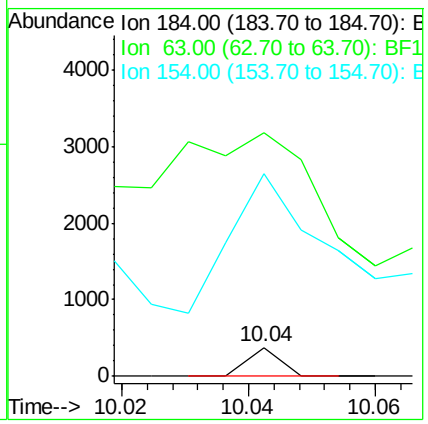


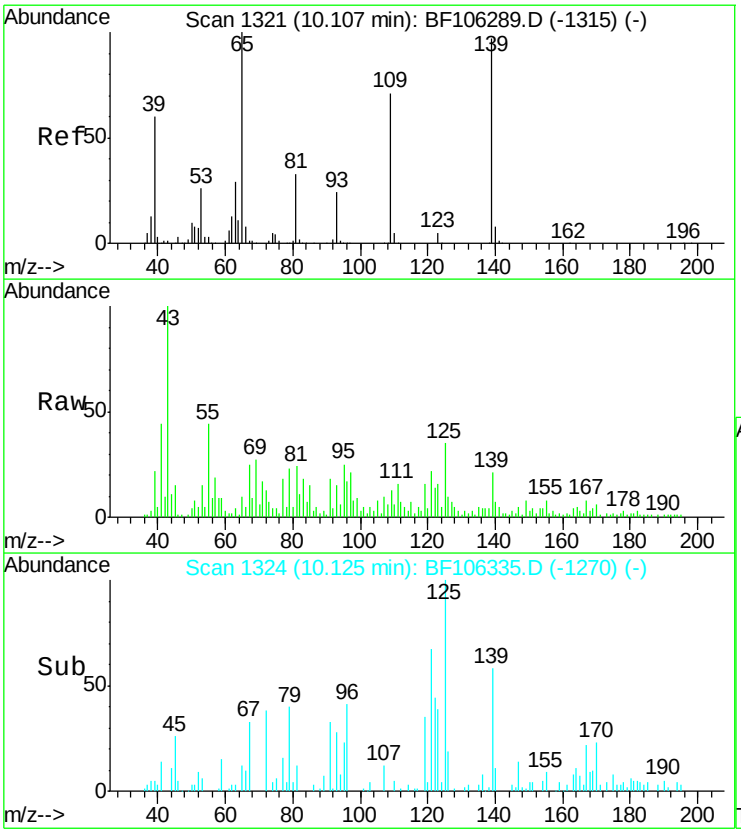
#53
2,4-Dinitrophenol
Concen: 8.668 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 133

Ion	Ratio	Lower	Upper
184	100		
63	845.2	54.2	81.2#
154	703.7	184.0	276.0#

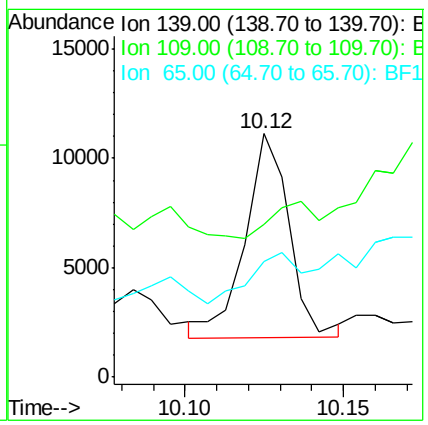


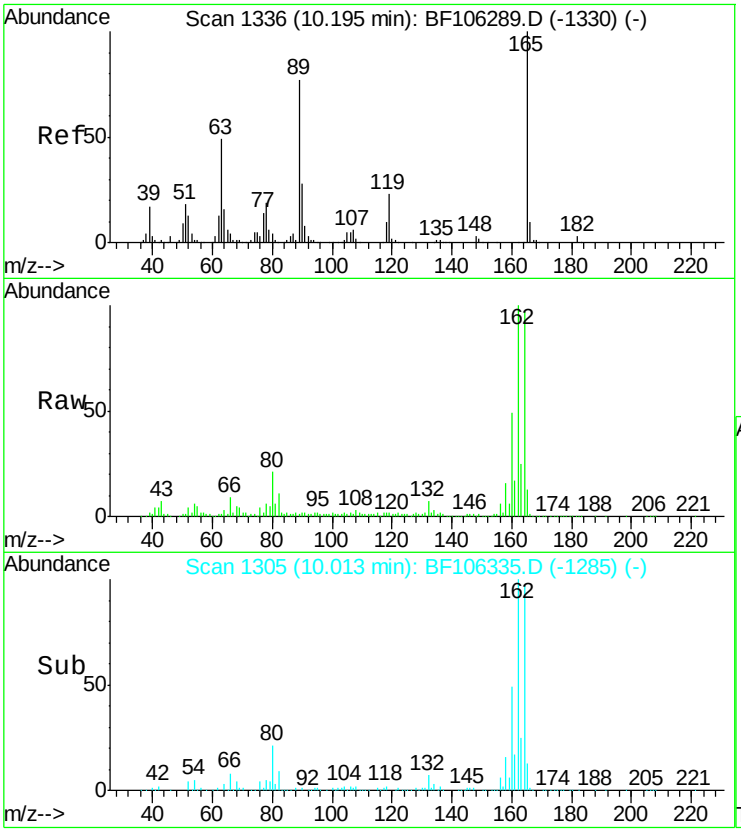


#55
4-Nitrophenol
Concen: 2.059 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:139 Resp: 9015

Ion	Ratio	Lower	Upper
139	100		
109	62.7	48.4	88.4
65	47.6	72.6	112.6#



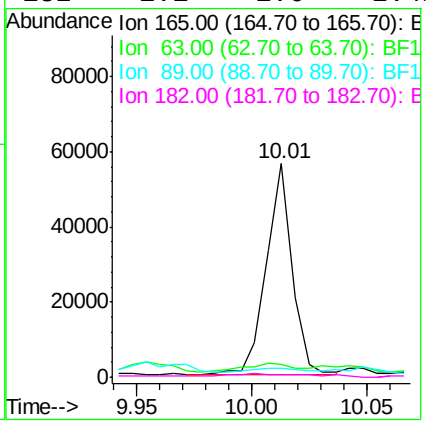


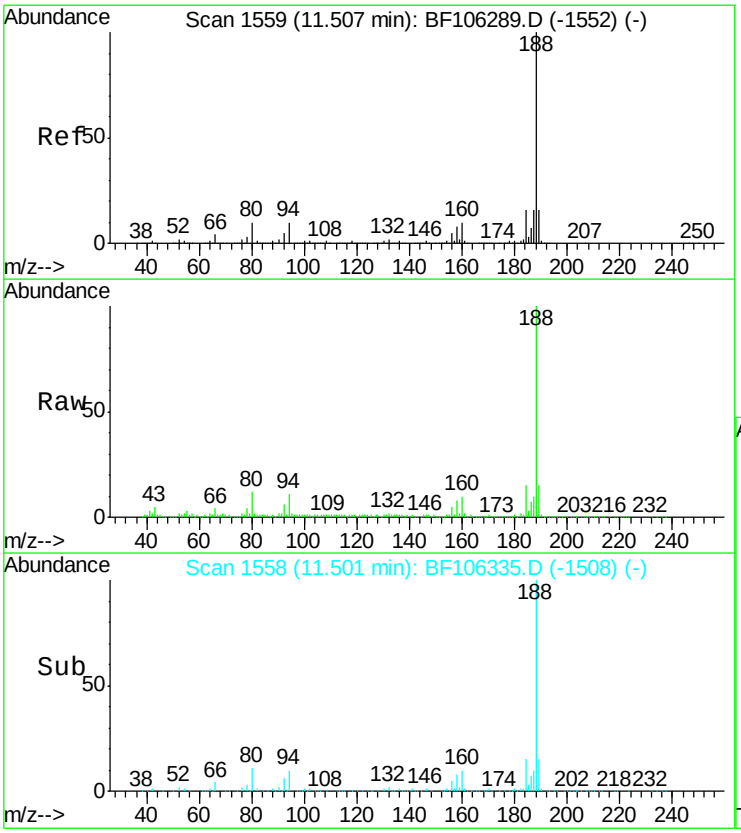
#56
2,4-Dinitrotoluene
Concen: 7.360 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44485

Ion	Ratio	Lower	Upper
165	100		
63	6.3	36.4	54.6#
89	4.3	57.8	86.6#
182	1.1	1.6	2.4#

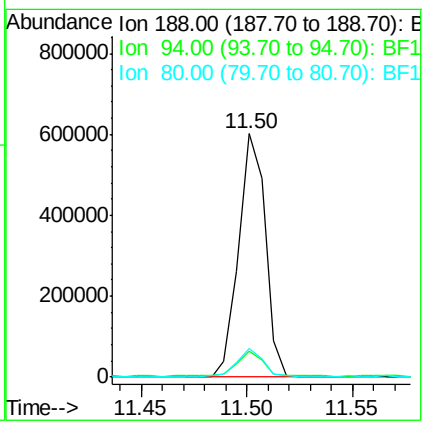


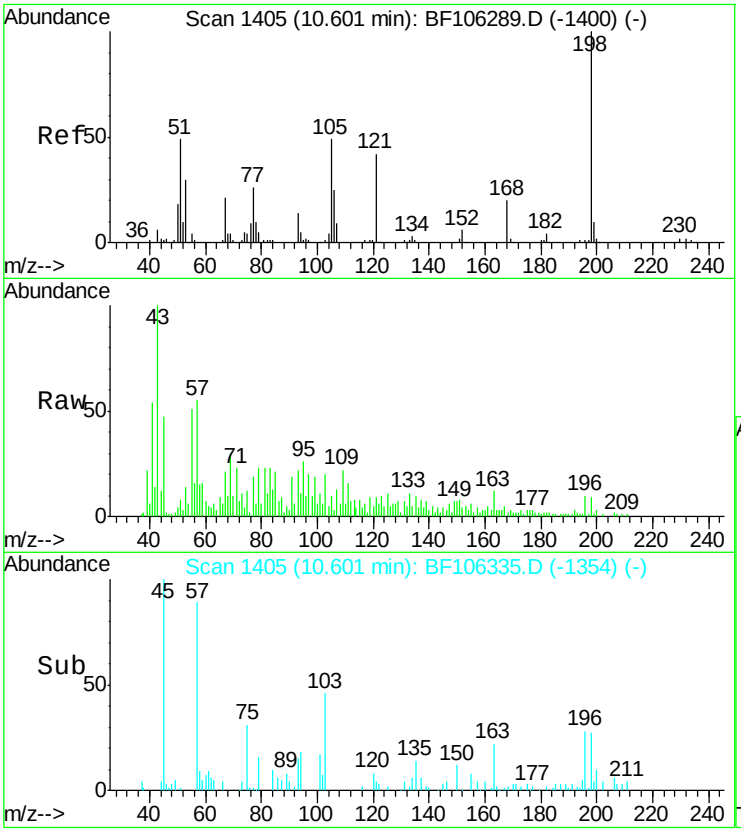


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:188 Resp: 524520

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



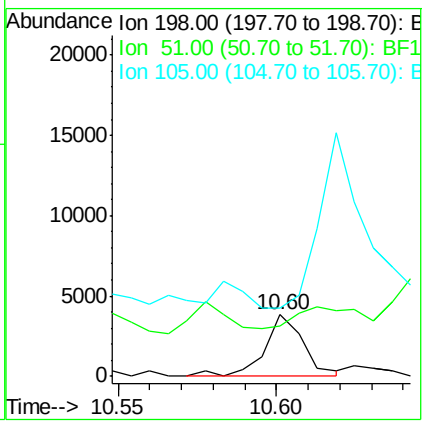


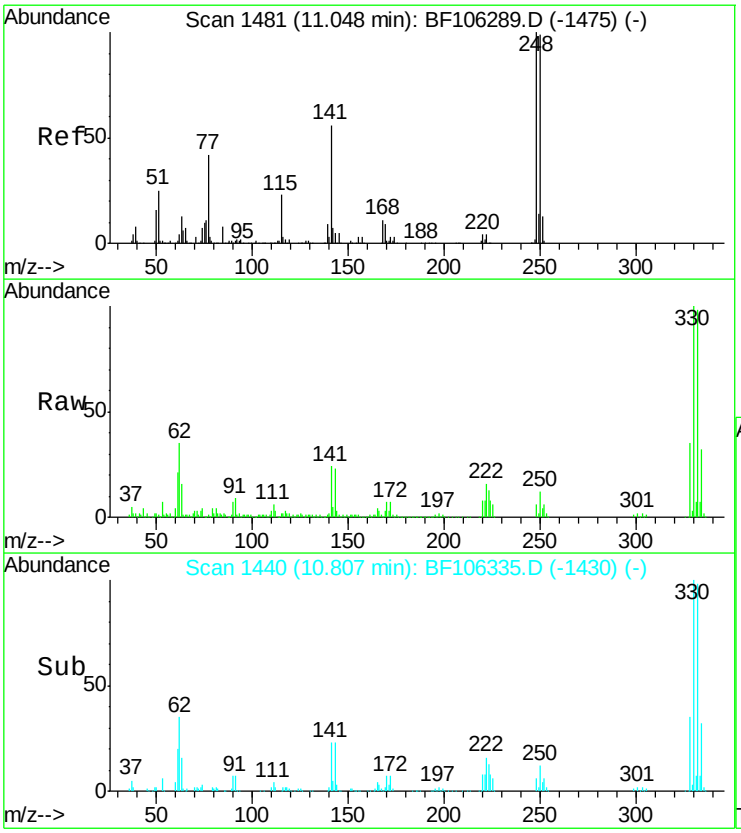
#64
4,6-Dinitro-2-methylphenol
Concen: 7.305 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 3291

Ion	Ratio	Lower	Upper
198	100		
51	81.6	37.7	77.7#
105	109.9	36.3	76.3#

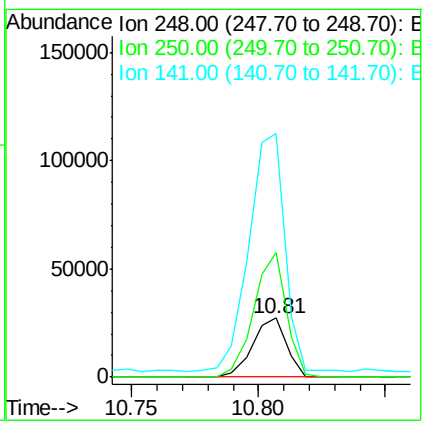


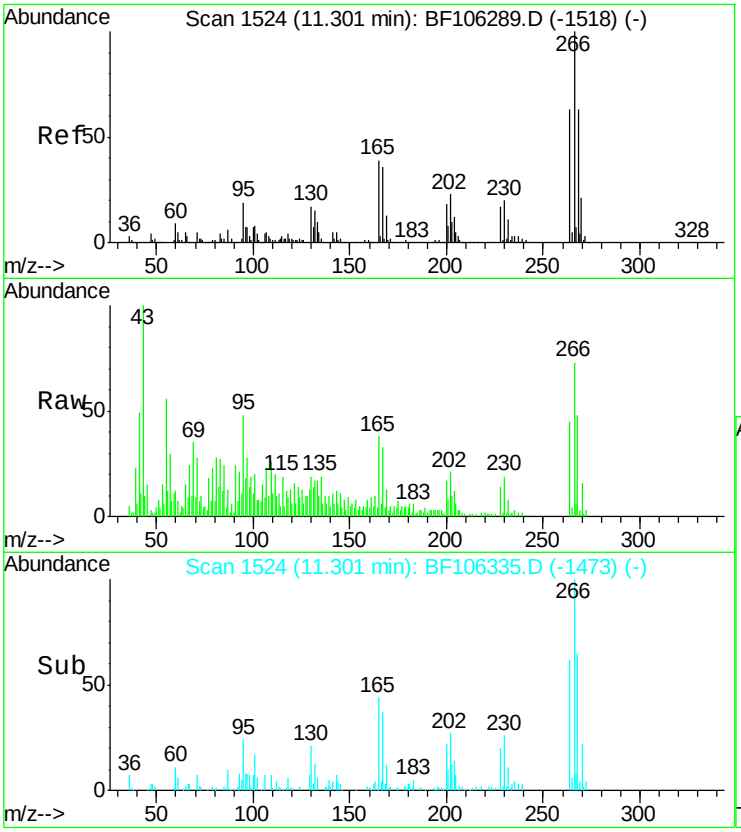


#66
4-Bromophenyl-phenylether
Concen: 4.285 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:248 Resp: 25563

Ion	Ratio	Lower	Upper
248	100		
250	210.8	76.9	115.3#
141	413.9	74.4	111.6#



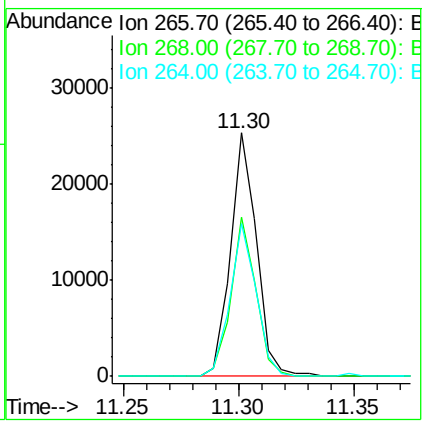


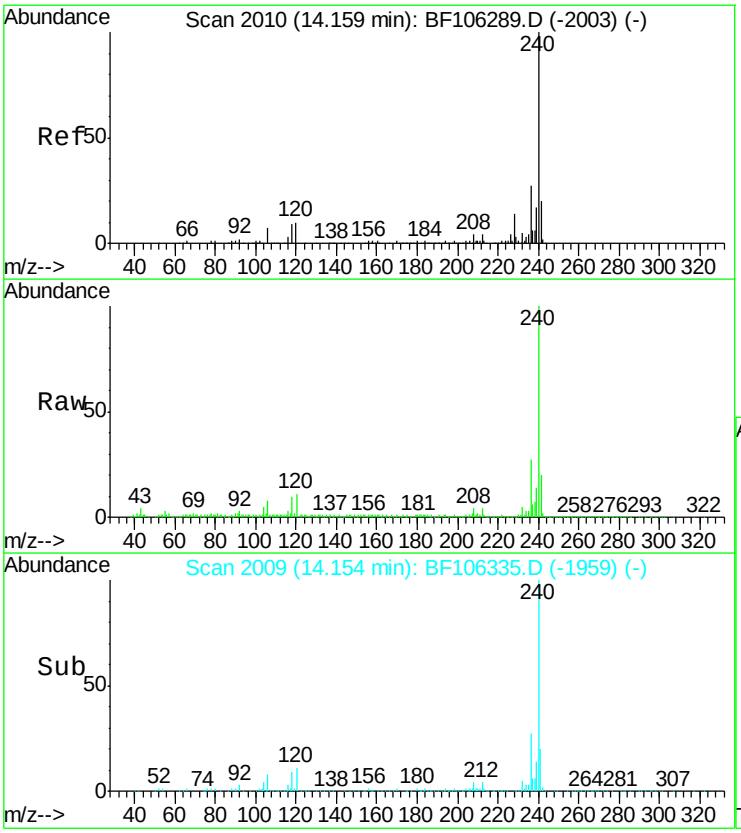
#69
Pentachlorophenol
Concen: 5.242 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 19849

Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	62.5	49.5	74.3

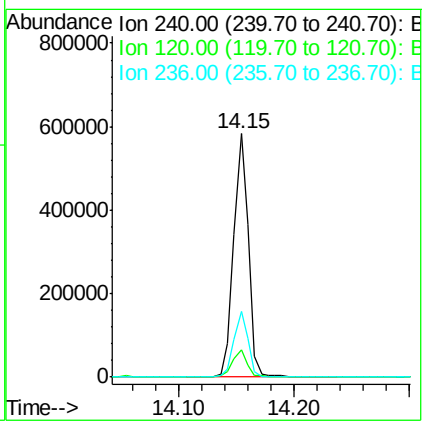


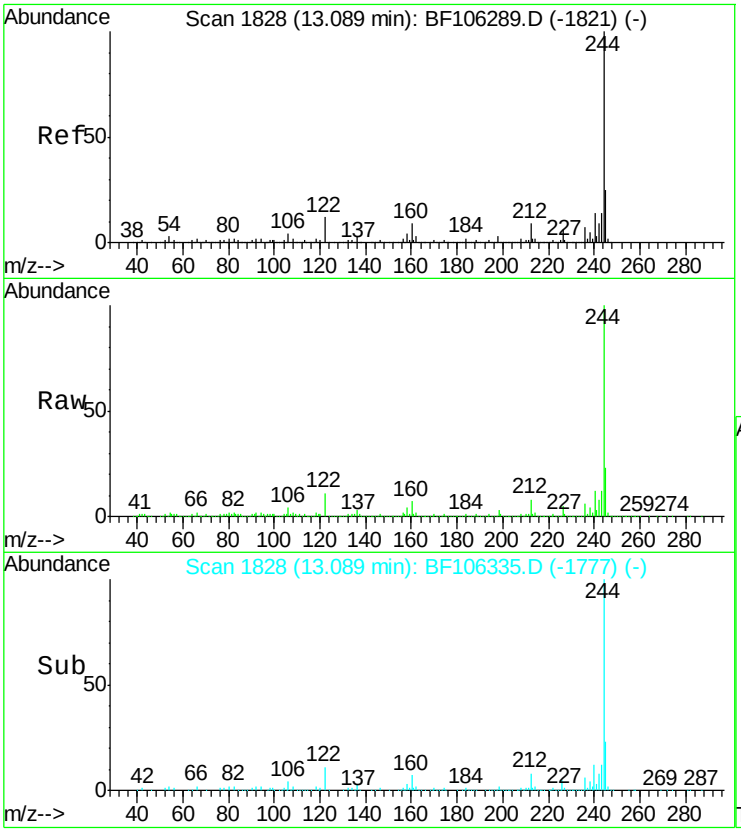


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:240 Resp: 508398

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.8	20.7	31.1



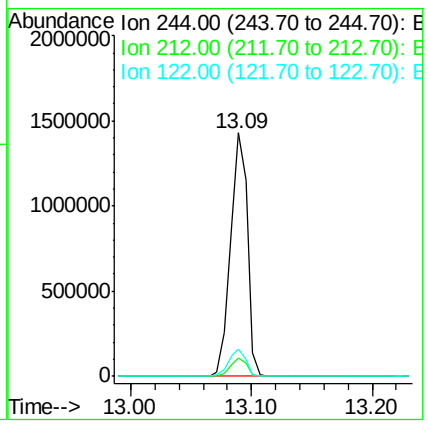


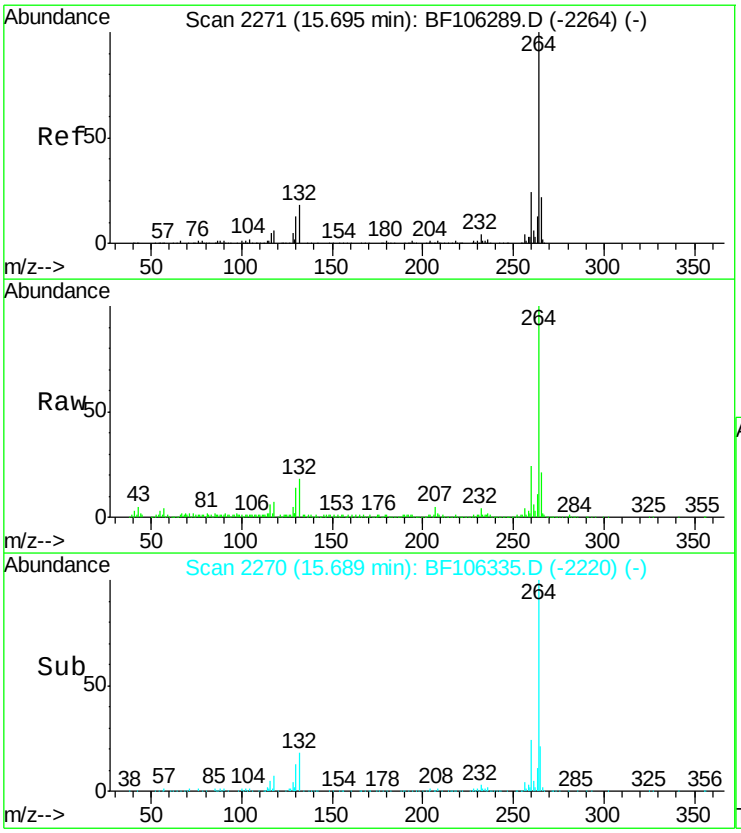
#78
Terphenyl-d14
Concen: 67.949 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1390825

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:264 Resp: 344681

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3