Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111856.D
Acq On : 4 Jan 2019 20:30
Operator : JU/SJ
Sample : K1033-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 04 23:32:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	136511	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	557898	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	272630	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	308688	20.00	ng		0.02
76) Chrysene-d12	14.06	240	335939	20.00	ng		0.00
87) Perylene-d12	15.54	264	295992	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	256581	32.04	ng		0.00
7) Phenol-d6	6.53	99	343704	33.72	ng		0.00
23) Nitrobenzene-d5	7.45	82	238168	24.85	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	82201	25.52	ng		0.01
45) 2-Fluorobiphenyl	9.25	172	512325	27.39	ng		0.00
79) Terphenyl-d14	13.00	244	342455	19.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	91489	13.052	ng	#	1
18) Hexachloroethane	7.39	117	40296	11.468	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	23402	3.457	ng	#	29
22) Acetophenone	7.29	105	307025	21.723	ng	#	43
24) Nitrobenzene	7.47	77	29334	2.920	ng	#	6
25) Isophorone	7.71	82	67777	3.983	ng	#	1
31) Naphthalene	8.20	128	355198	13.251	ng	#	89
33) 4-Chloroaniline	8.23	127	23422	2.022	ng	#	1
35) Caprolactam	8.61	113	60809	20.774	ng	#	37
37) 2-Methylnaphthalene	8.90	142	763832	43.797	ng		98
38) 1-Methylnaphthalene	8.90	142	763832	45.602	ng		96
46) 1,1'-Biphenyl	9.36	154	107075	4.653	ng		95
53) 3-Nitroaniline	9.90	138	9116	2.150	ng	#	45
54) 2,4-Dinitrophenol	9.98	184	1236	8.187	ng	#	1
56) 4-Nitrophenol	10.05	139	29857	9.228	ng	#	33
58) Fluorene	10.49	166	100460	5.620	ng	#	85
62) 4-Nitroaniline	10.41	138	12541	3.043	ng		83
65) 4,6-Dinitro-2-methylphenol	10.51	198	2575	8.430	ng	#	1
66) n-Nitrosodiphenylamine	10.60	169	204299	19.716	ng	#	53
69) Atrazine	11.15	200	27938	7.761	ng		76
71) Phenanthrene	11.46	178	127513	7.789	ng	#	88
75) Fluoranthene	12.87	202	48698	2.938	ng		96
78) Pyrene	12.87	202	48698	2.053	ng		94

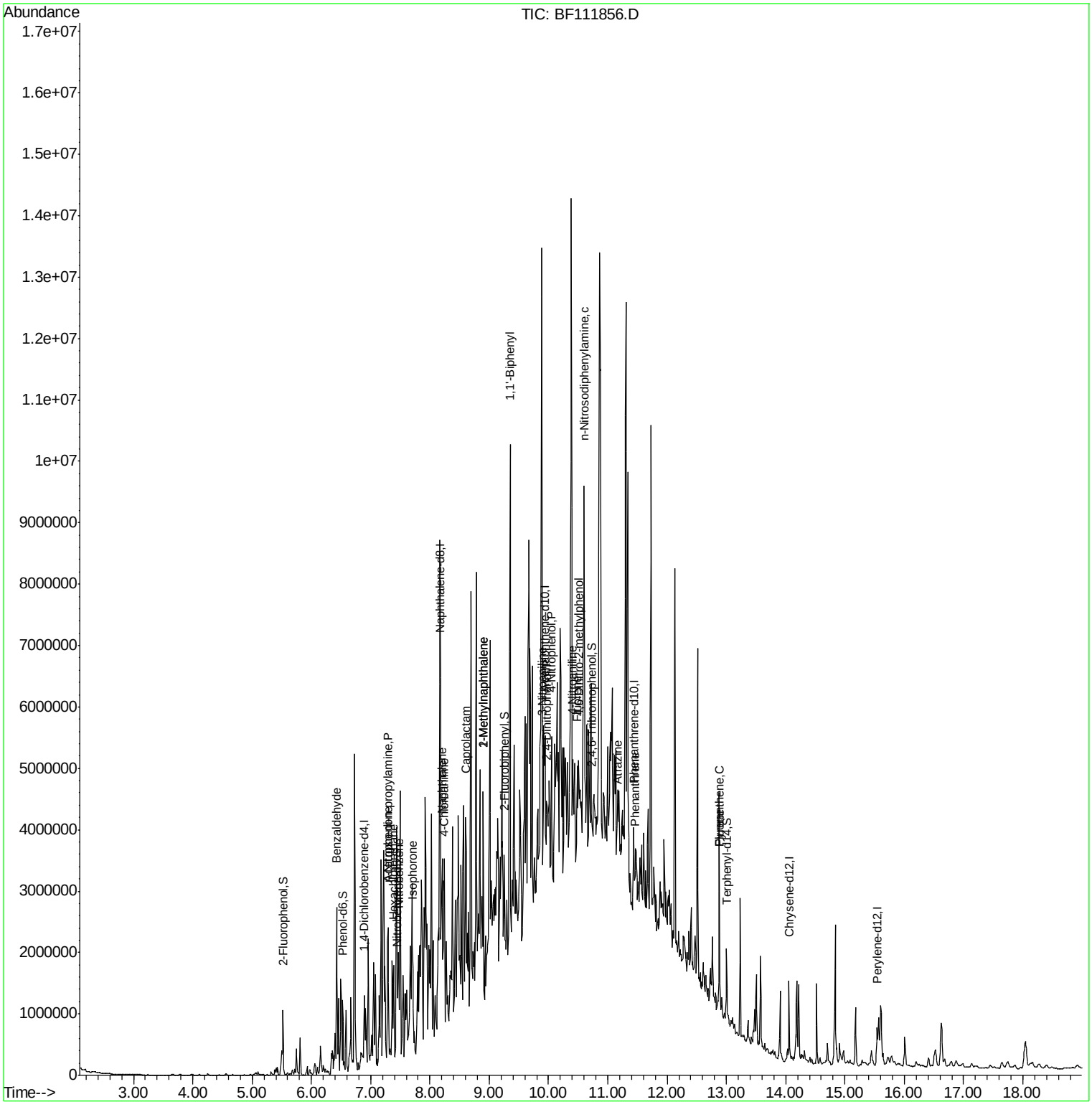
(#) = qualifier out of range (m) = manual integration (+) = signals summed

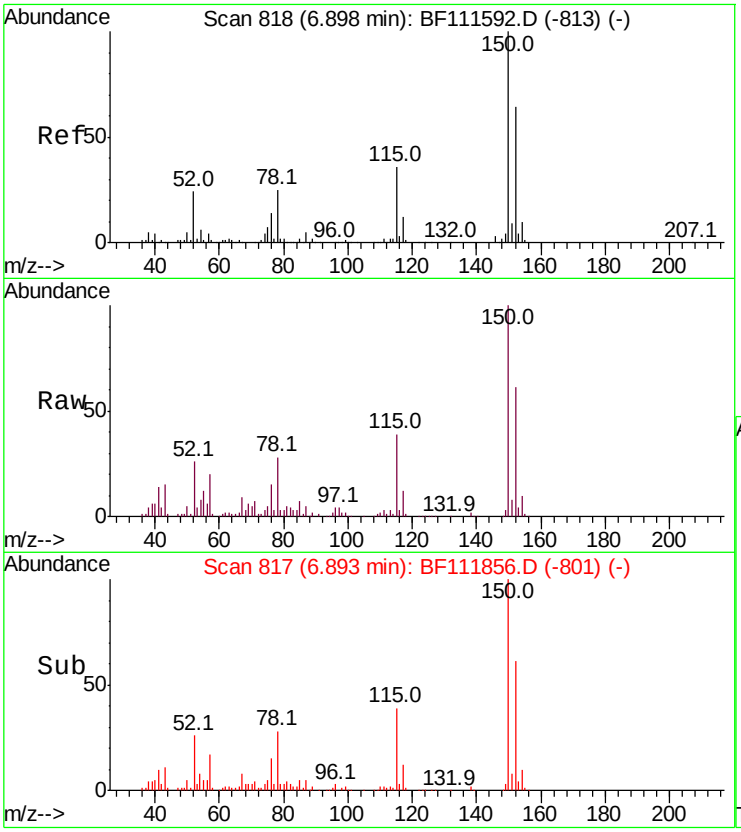
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111856.D
Acq On : 4 Jan 2019 20:30
Operator : JU/SJ
Sample : K1033-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 04 23:32:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



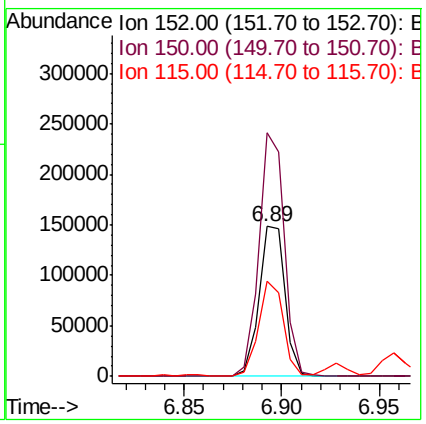


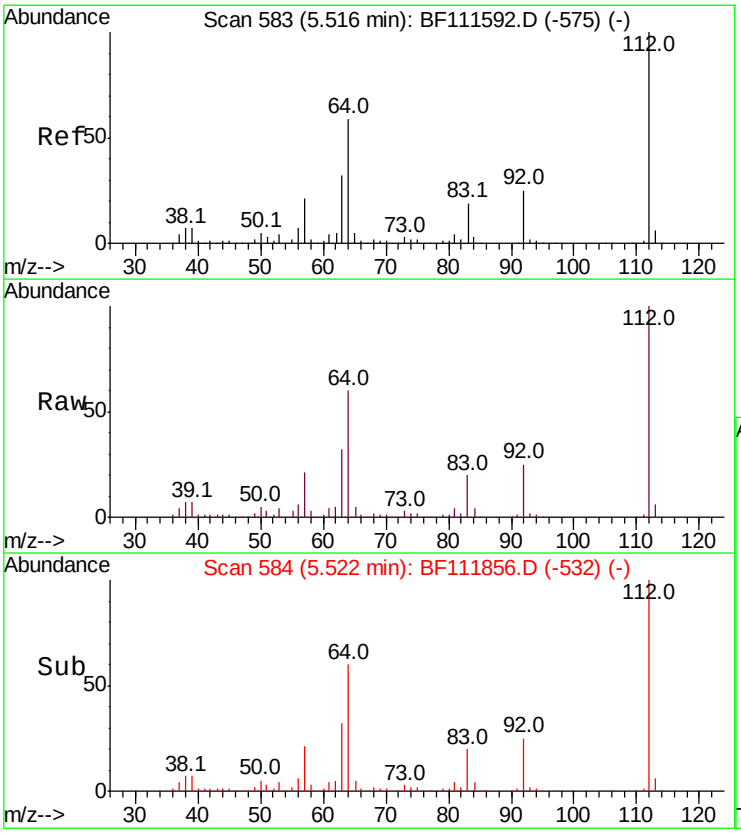
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 136511

Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.6	189.8
115	63.8	50.7	76.1

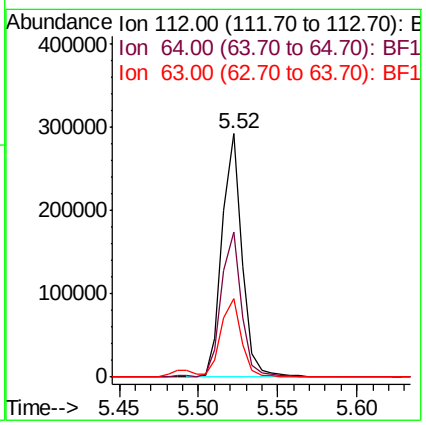


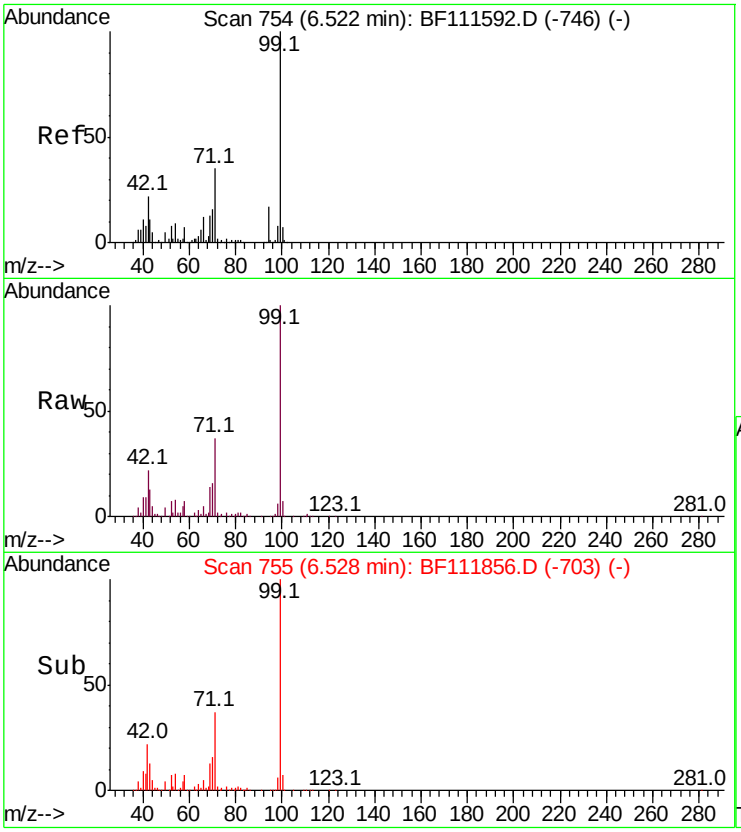


#5
2-Fluorophenol
Concen: 32.038 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:112 Resp: 256581

Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.8	77.6
63	32.2	26.8	40.2



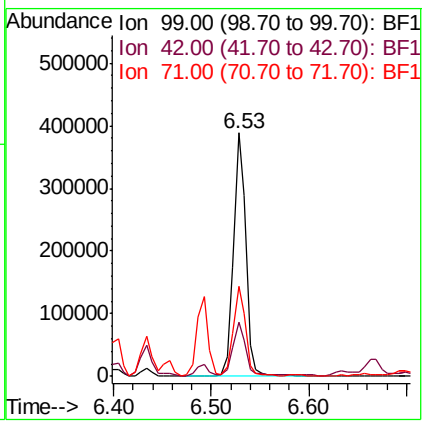


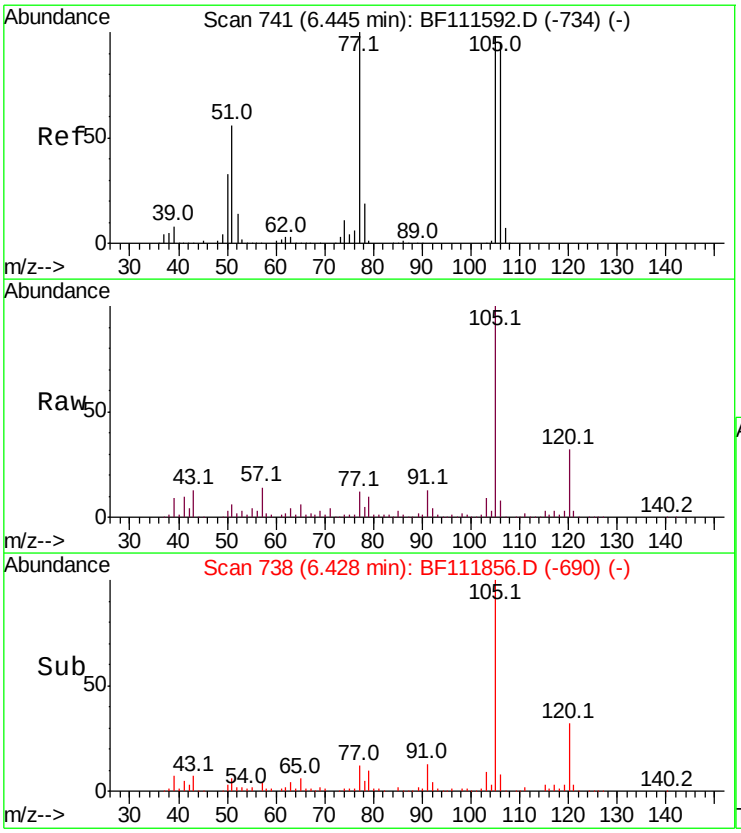
#7
Phenol-d6
Concen: 33.722 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 343704

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	37.0	26.1	39.1

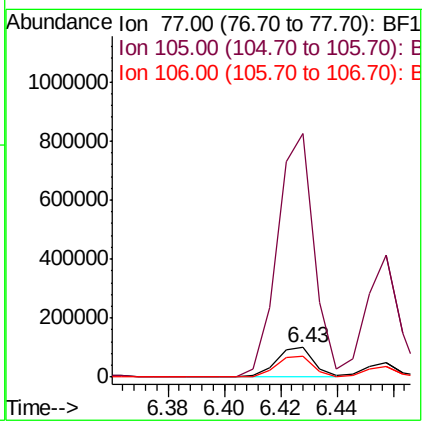


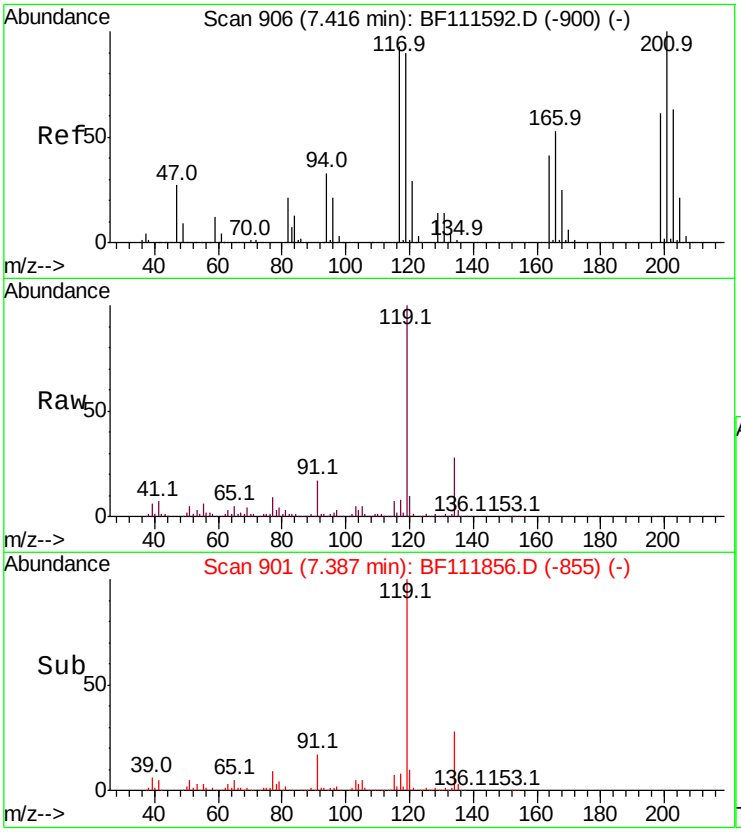


#9
Benzaldehyde
Concen: 13.052 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion: 77 Resp: 91489

Ion	Ratio	Lower	Upper
77	100		
105	829.2	81.4	121.4#
106	70.1	77.9	117.9#



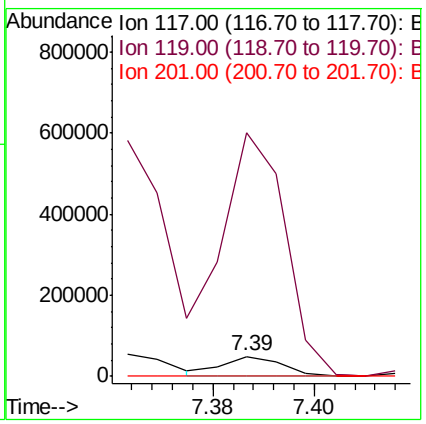


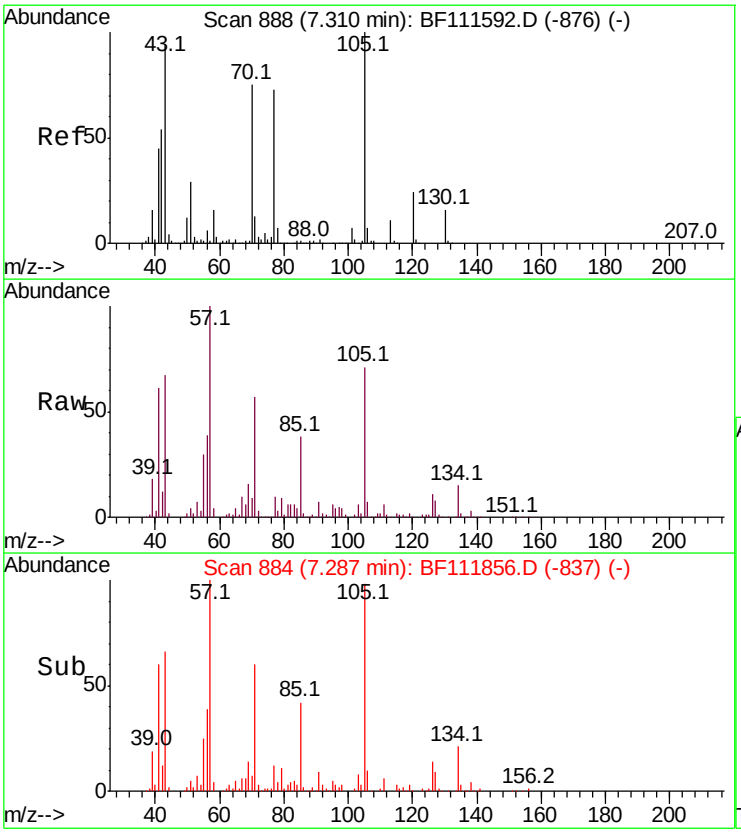
#18
Hexachloroethane
Concen: 11.468 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 40296

Ion	Ratio	Lower	Upper
117	100		
119	1239.3	75.4	113.0#
201	0.0	62.4	93.6#

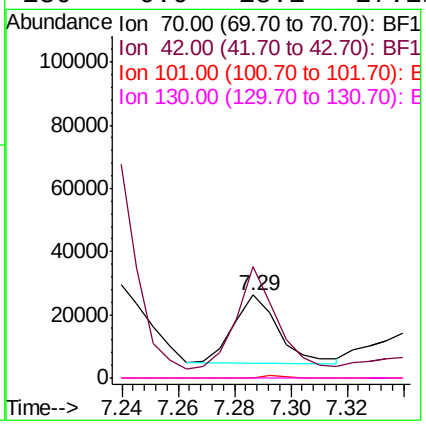


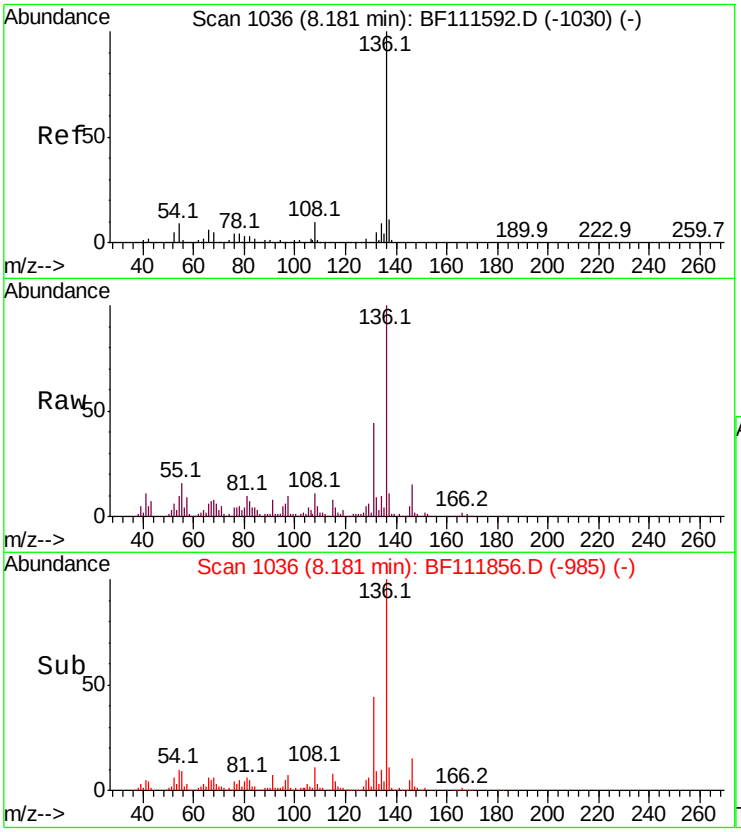


#19
n-Nitroso-di-n-propylamine
Concen: 3.457 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion: 70 Resp: 23402

Ion	Ratio	Lower	Upper
70	100		
42	134.8	53.2	79.8#
101	0.0	8.2	12.4#
130	0.0	18.1	27.1#



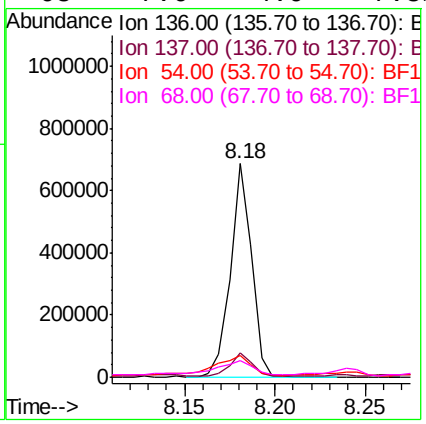


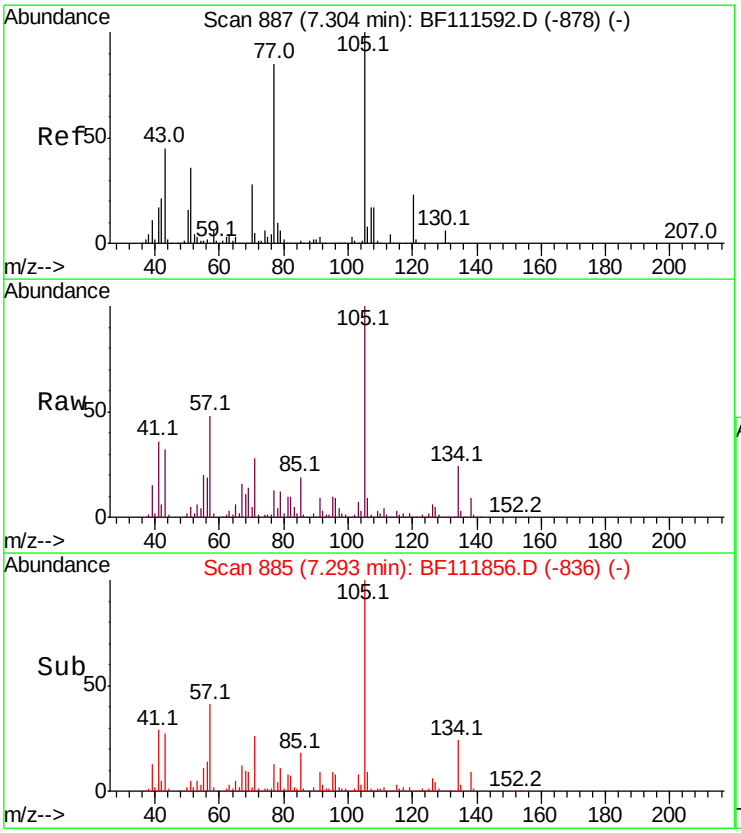
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 557898

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	7.7	11.5
68	7.6	4.9	7.3#

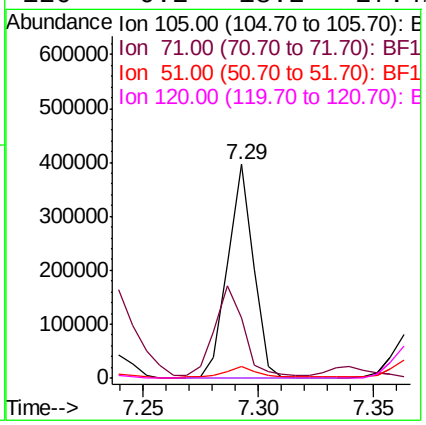


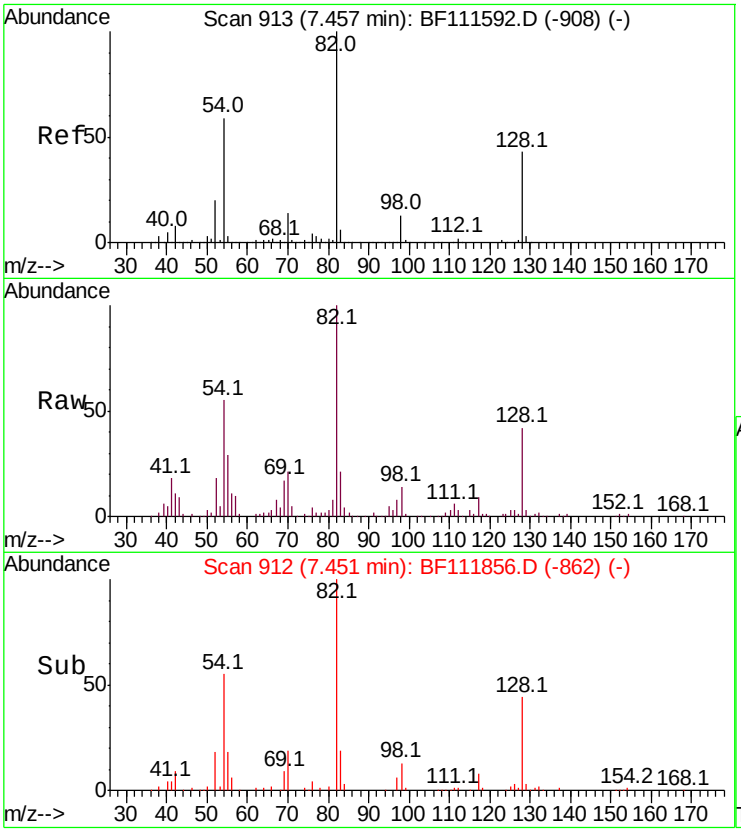


#22
Acetophenone
Concen: 21.723 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:105 Resp: 307025

Ion	Ratio	Lower	Upper
105	100		
71	28.3	3.1	4.7#
51	5.4	36.6	54.8#
120	0.2	18.2	27.4#



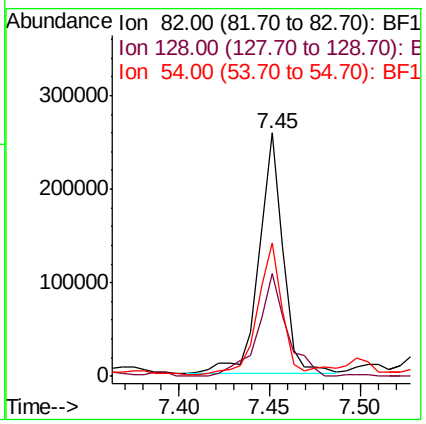


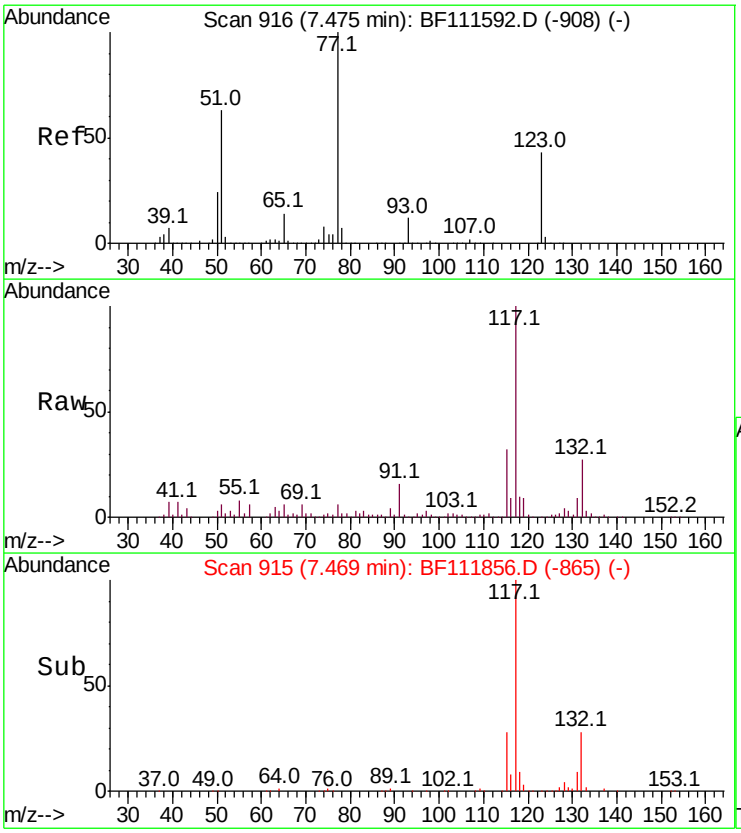
#23
Nitrobenzene-d5
Concen: 24.849 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 238168

Ion	Ratio	Lower	Upper
82	100		
128	42.2	37.4	56.2
54	55.1	47.6	71.4

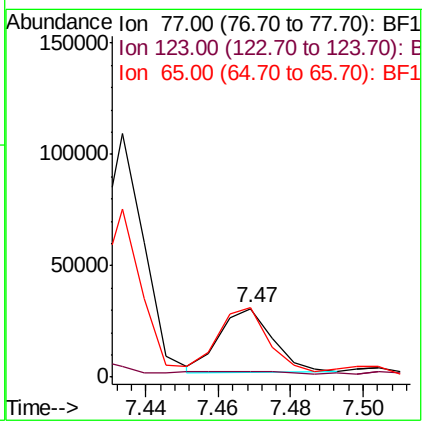


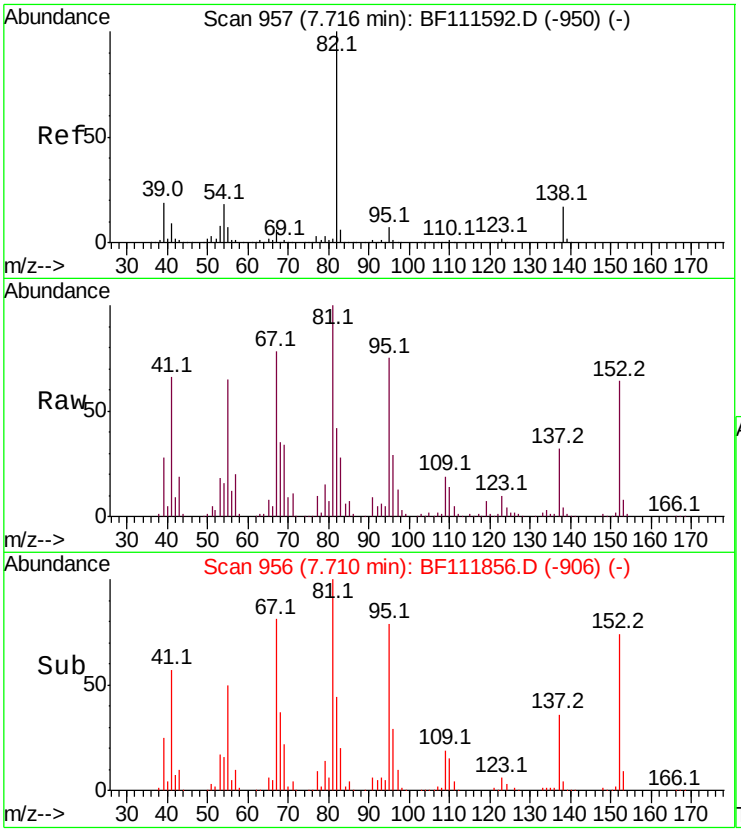


#24
Nitrobenzene
Concen: 2.920 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion: 77 Resp: 29334

Ion	Ratio	Lower	Upper
77	100		
123	8.0	37.2	55.8#
65	101.3	11.5	17.3#



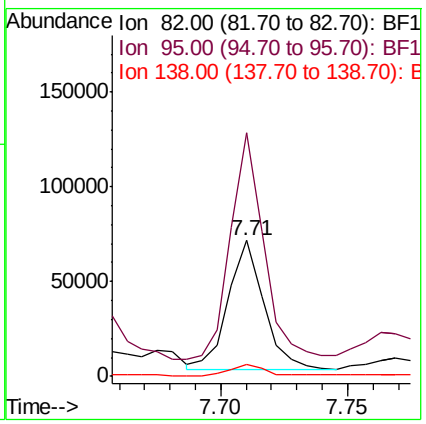


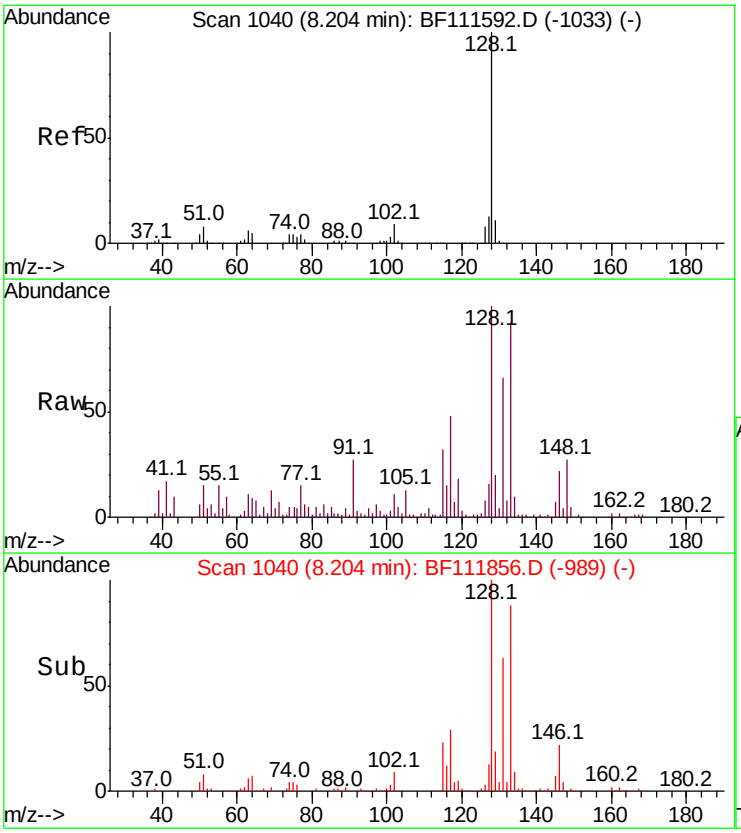
#25
Isophorone
Concen: 3.983 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 67777

Ion	Ratio	Lower	Upper
82	100		
95	179.4	5.4	8.2#
138	9.1	15.1	22.7#

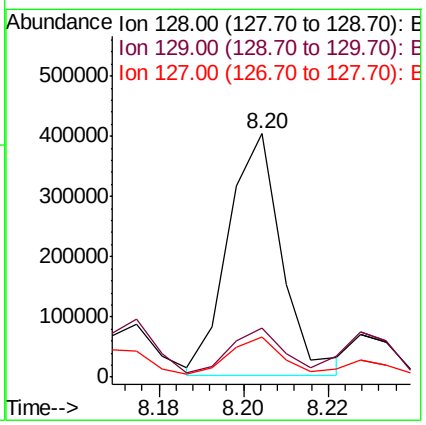


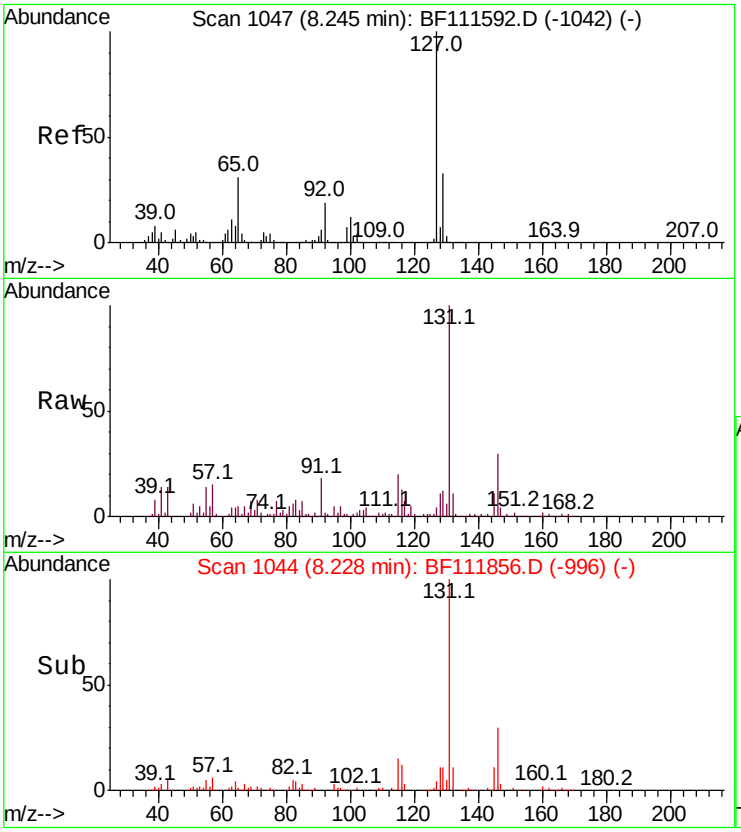


#31
Naphthalene
Concen: 13.251 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:128 Resp: 355198

Ion	Ratio	Lower	Upper
128	100		
129	20.0	9.8	14.8#
127	16.5	12.0	18.0



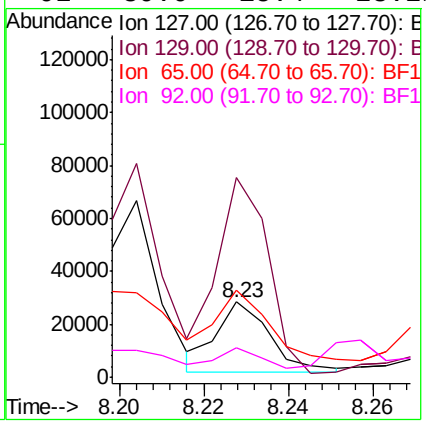


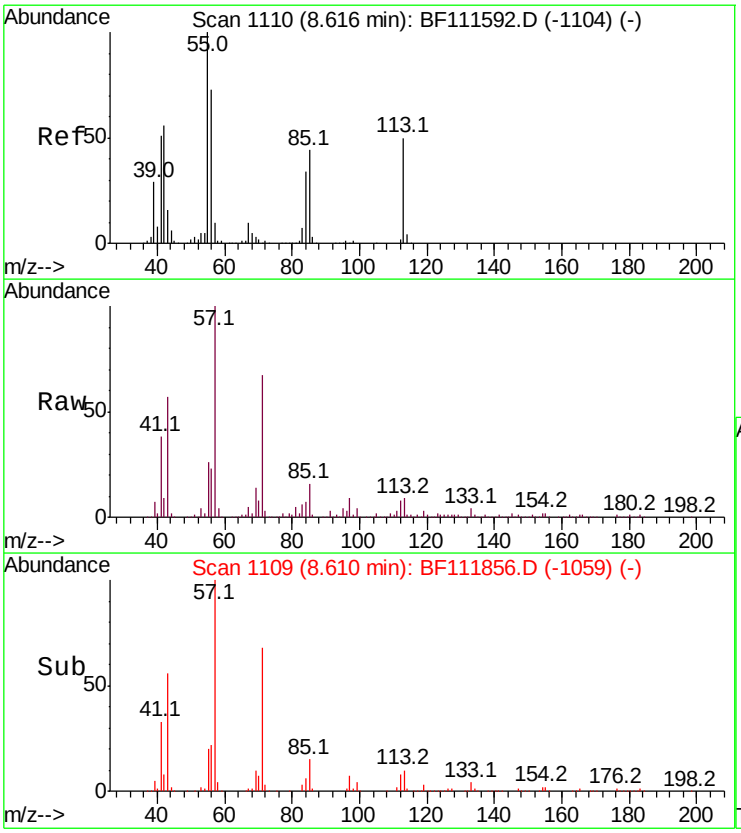
#33
4-Chloroaniline
Concen: 2.022 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 23422

Ion	Ratio	Lower	Upper
127	100		
129	265.2	26.6	39.8#
65	115.3	25.7	38.5#
92	39.0	15.4	23.2#

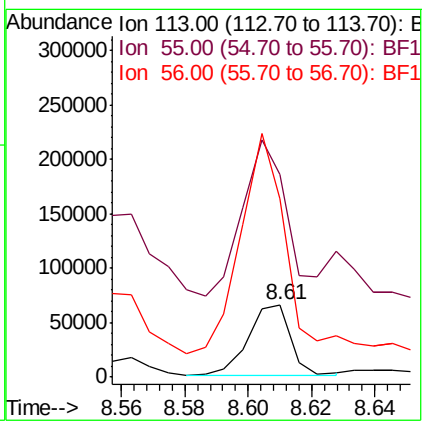


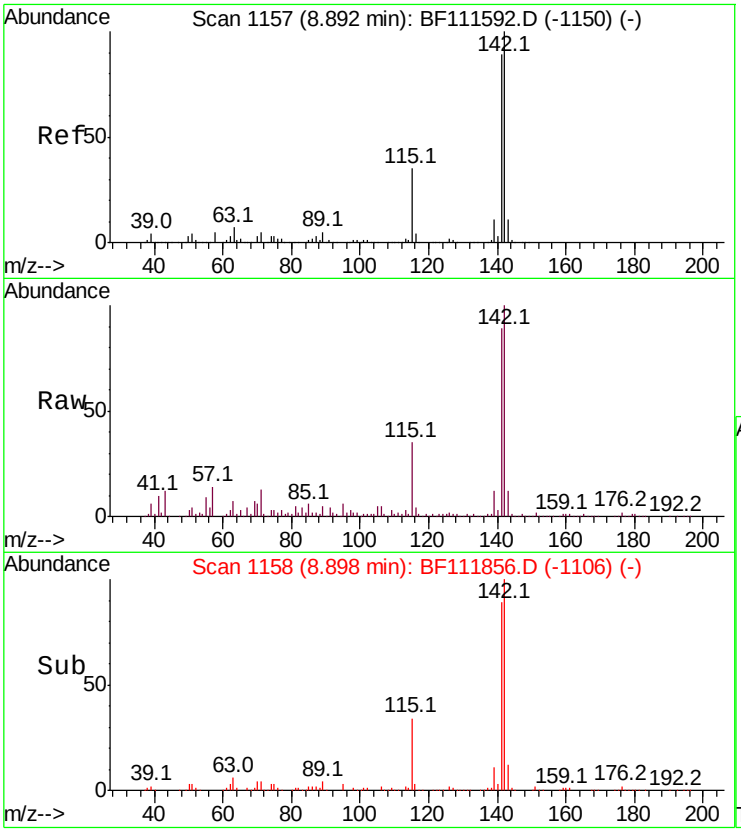


#35
Caprolactam
Concen: 20.774 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:113 Resp: 60809

Ion	Ratio	Lower	Upper
113	100		
55	281.5	184.1	224.1#
56	247.0	126.0	166.0#



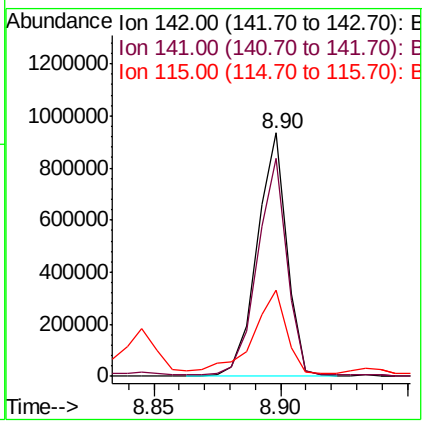


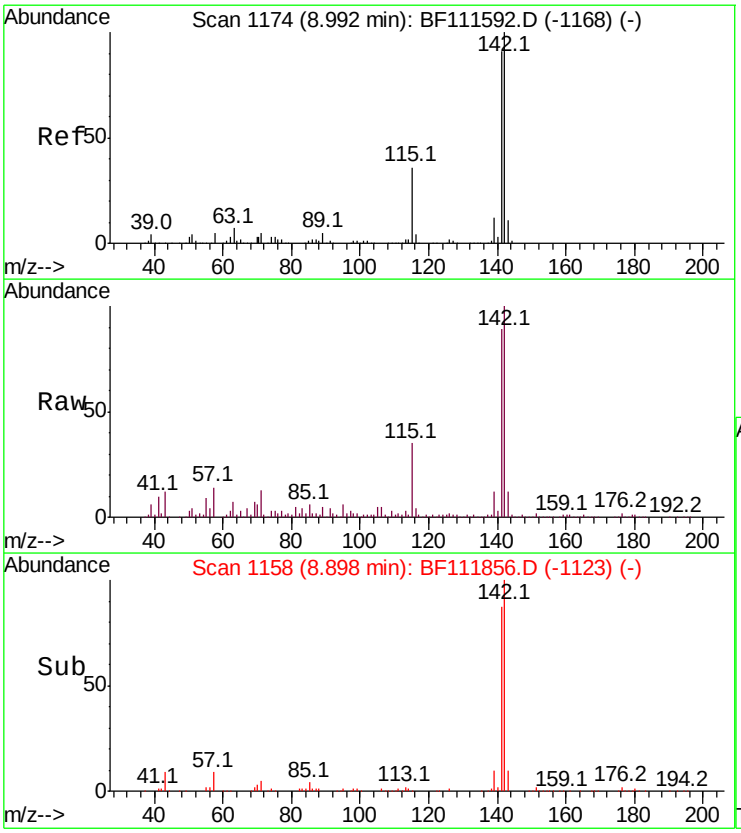
#37
2-Methylnaphthalene
Concen: 43.797 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 763832

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	35.2	27.0	40.6

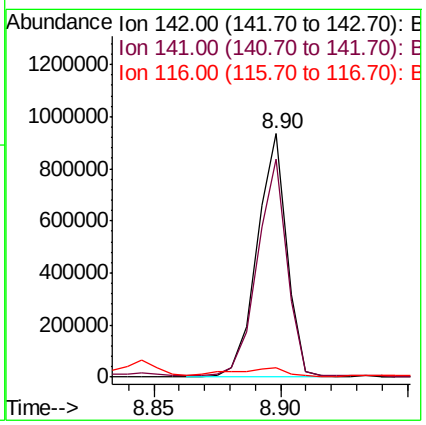


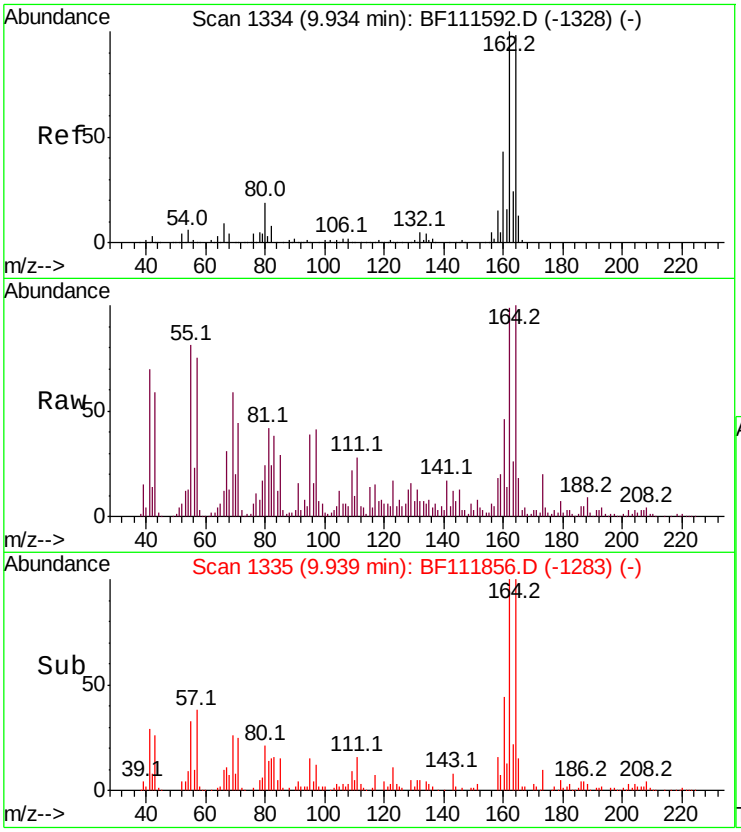


#38
1-Methylnaphthalene
Concen: 45.602 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.09 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:142 Resp: 763832

Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.2	111.4
116	3.8	2.9	4.3



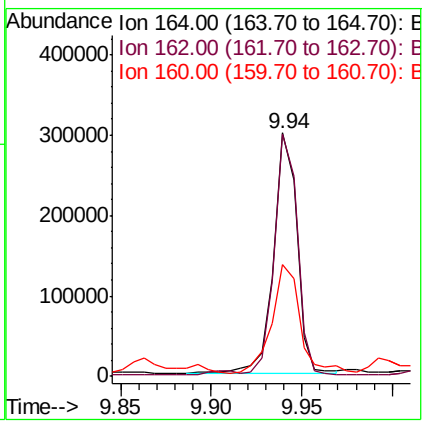


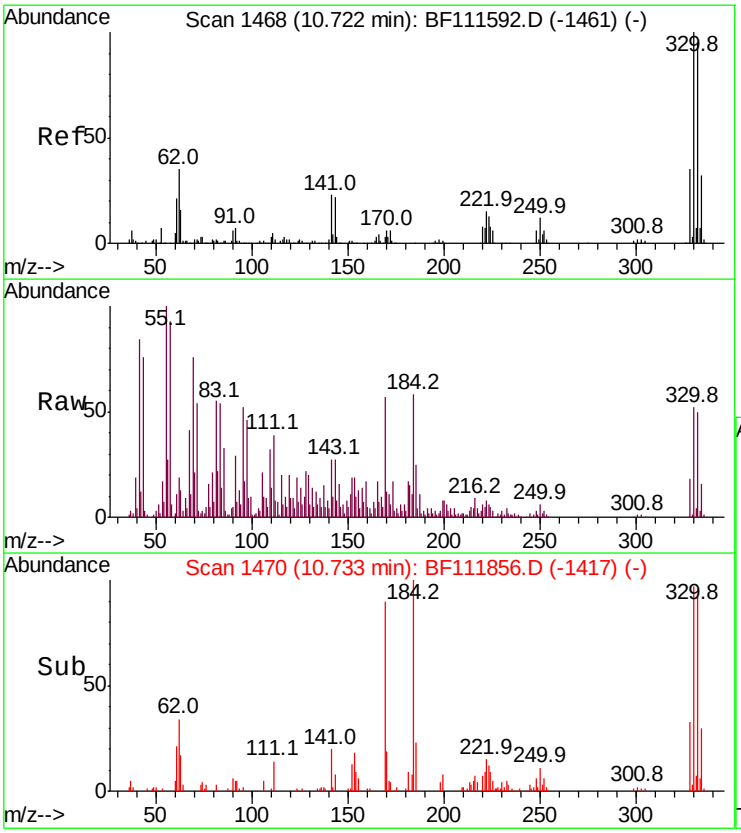
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 272630

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	45.7	35.7	53.5

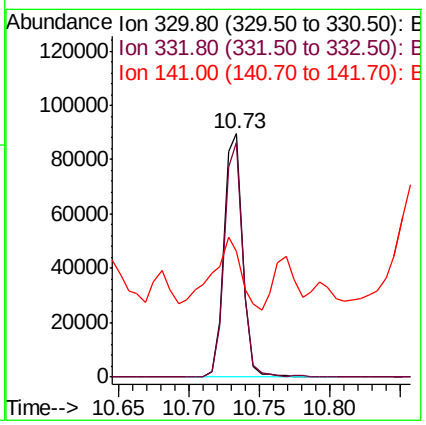


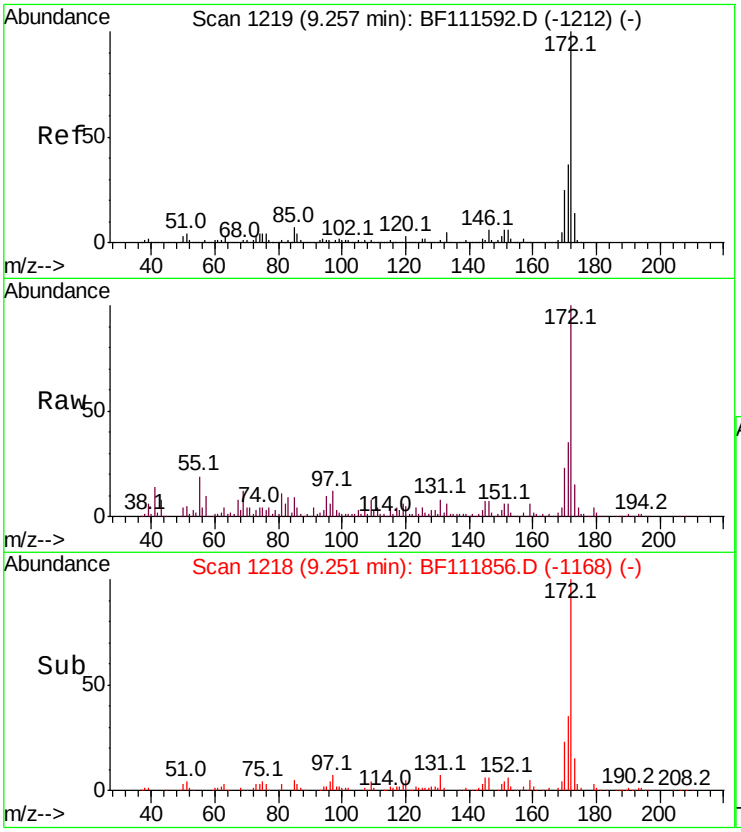


#42
2,4,6-Tribromophenol
Concen: 25.518 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:330 Resp: 82201

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	46.3	31.0	46.6



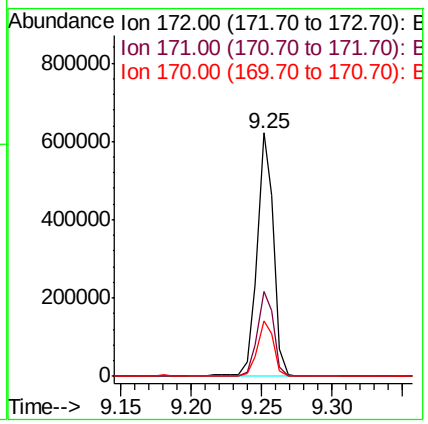


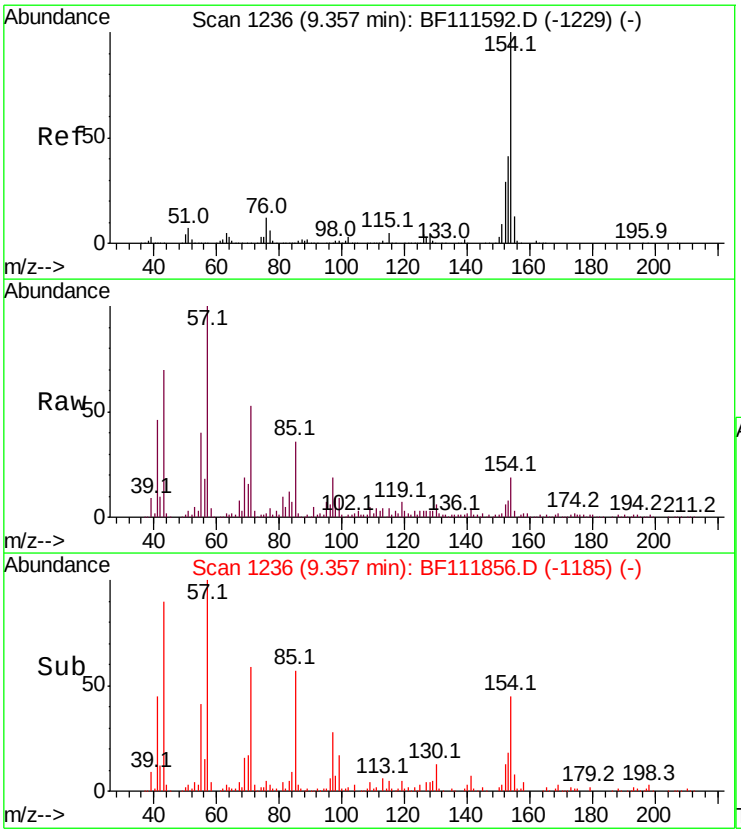
#45
2-Fluorobiphenyl
Concen: 27.391 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 512325

Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	22.6	22.3	33.5

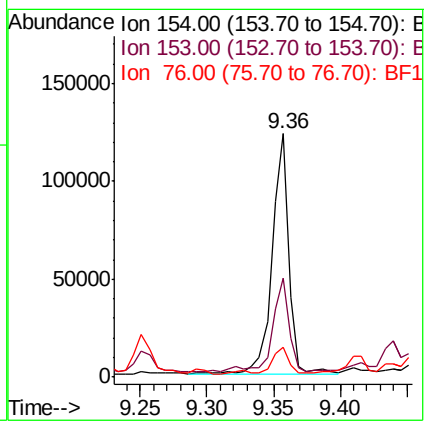


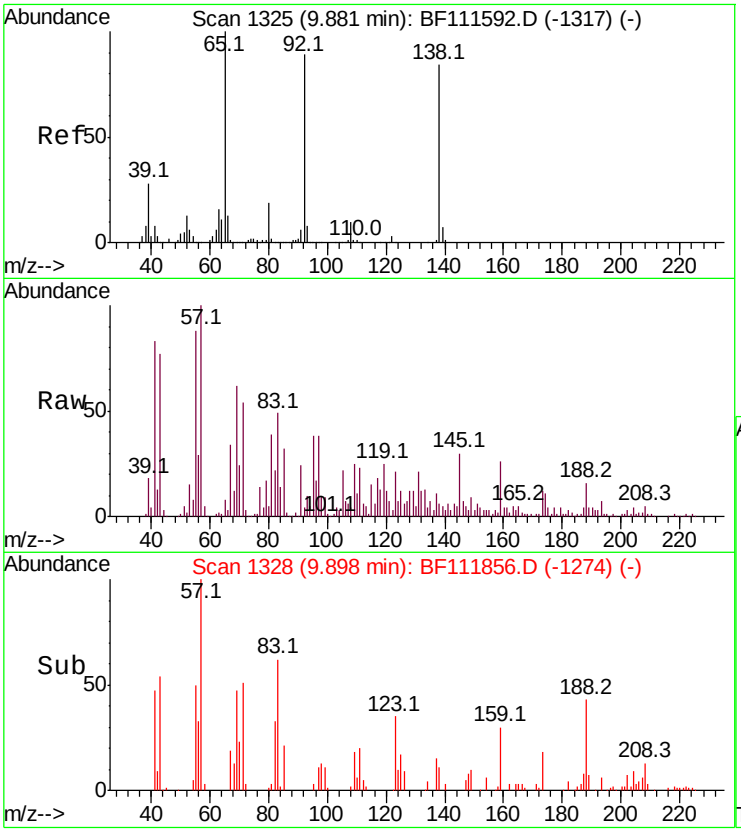


#46
1,1'-Biphenyl
Concen: 4.653 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:154 Resp: 107075

Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.7	63.7
76	12.1	0.0	35.0



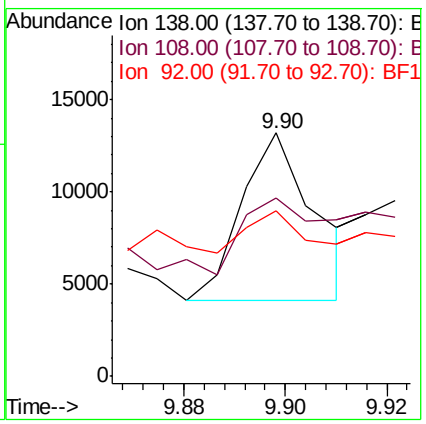


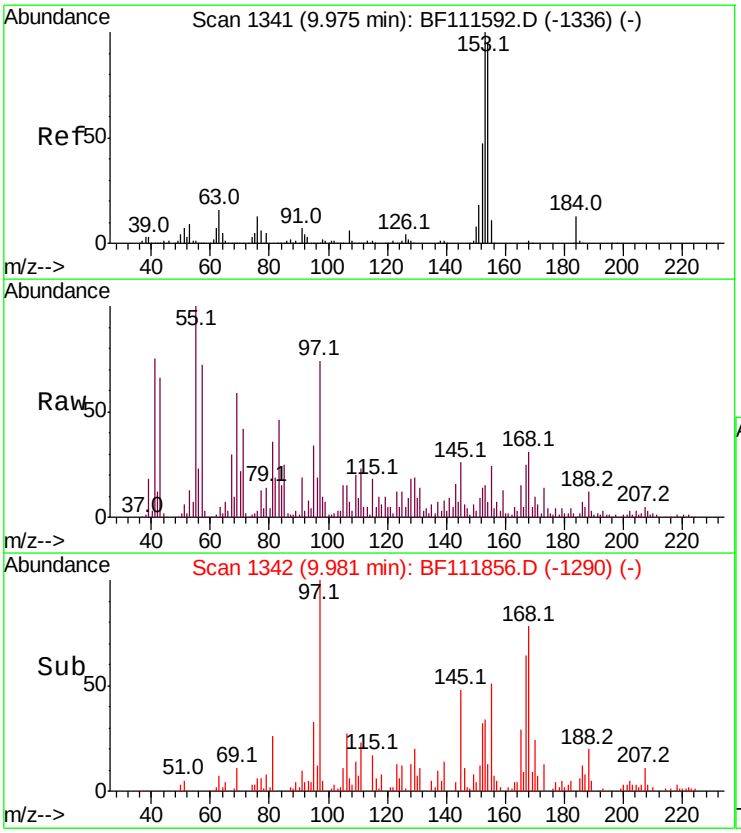
#53
3-Nitroaniline
Concen: 2.150 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 9116

Ion	Ratio	Lower	Upper
138	100		
108	73.3	8.2	12.4#
92	68.2	93.4	140.2#

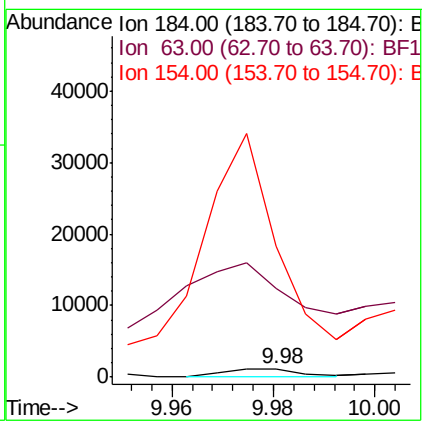


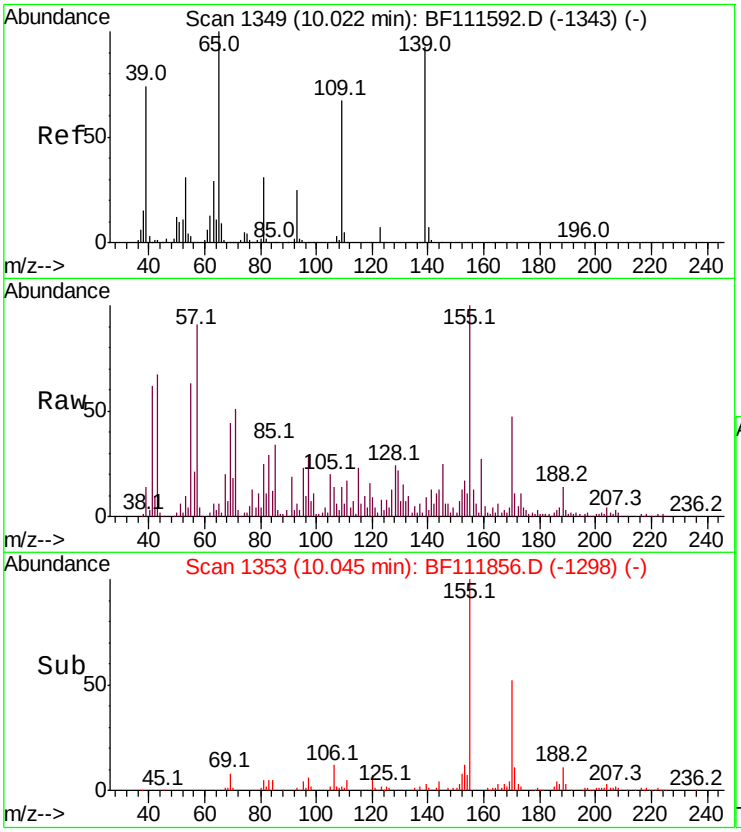


#54
2,4-Dinitrophenol
Concen: 8.187 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:184 Resp: 1236

Ion	Ratio	Lower	Upper
184	100		
63	1087.6	62.3	93.5#
154	1602.1	56.2	84.2#



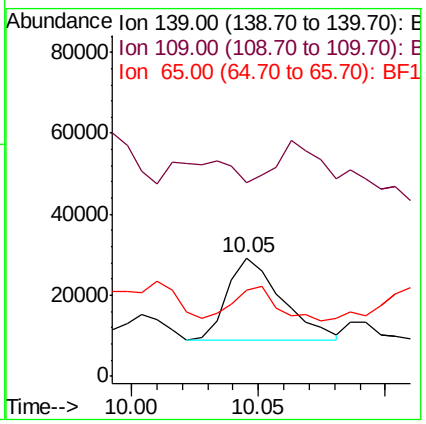


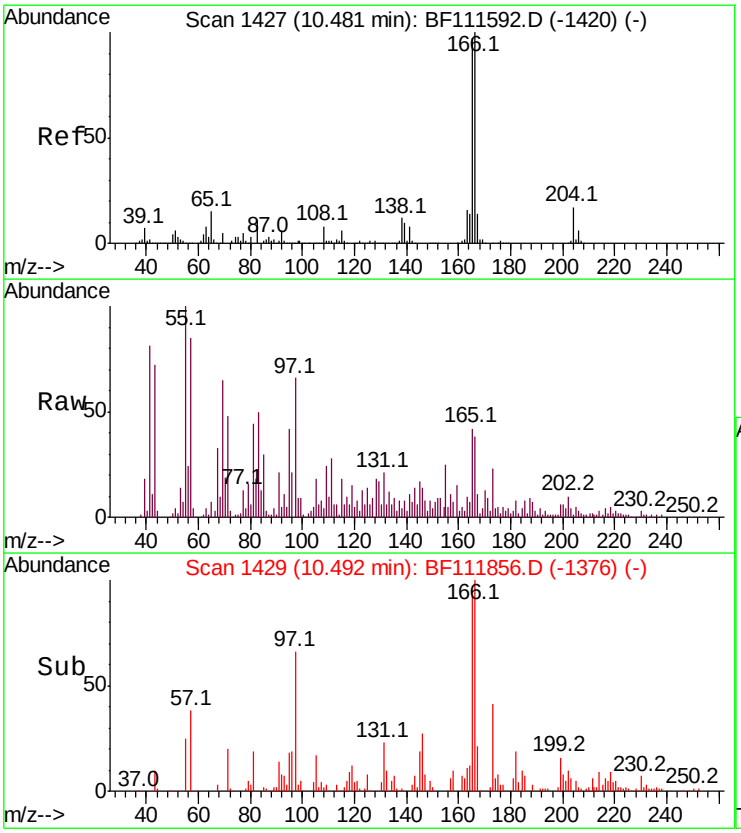
#56
4-Nitrophenol
Concen: 9.228 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 29857

Ion	Ratio	Lower	Upper
139	100		
109	163.3	41.8	81.8#
65	73.1	79.6	119.6#

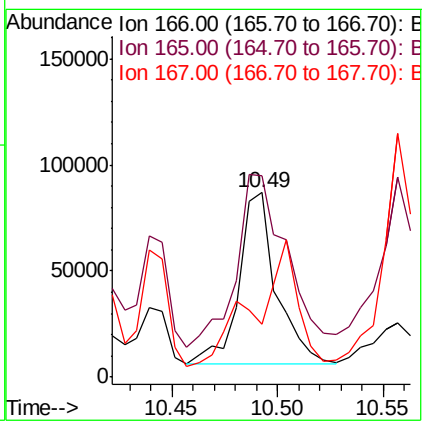


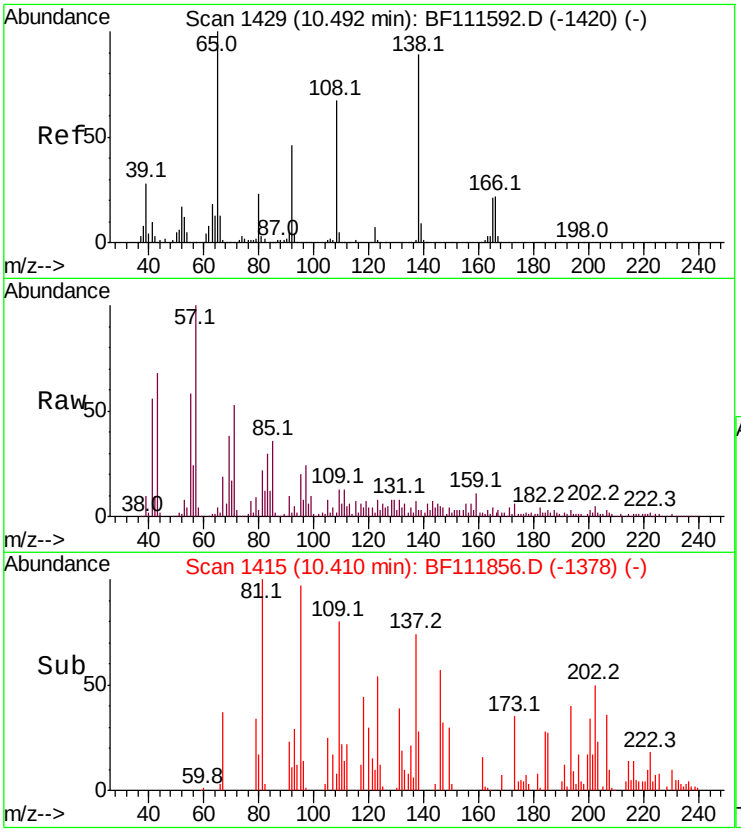


#58
Fluorene
Concen: 5.620 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:166 Resp: 100460

Ion	Ratio	Lower	Upper
166	100		
165	109.3	78.4	117.6
167	29.0	11.2	16.8#



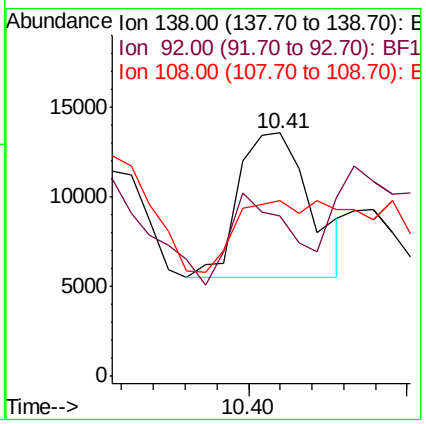


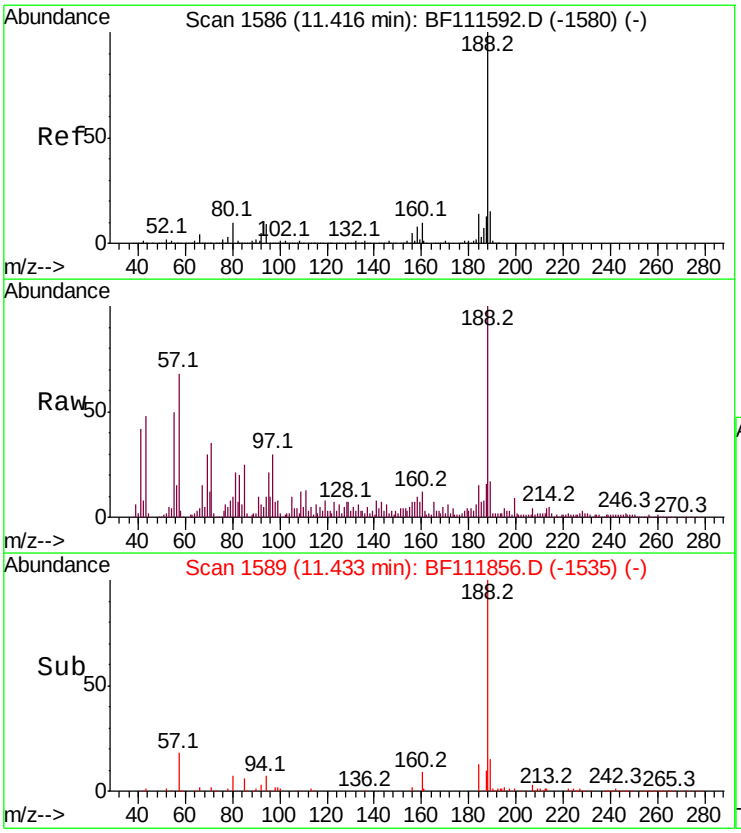
#62
4-Nitroaniline
Concen: 3.043 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.08 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 12541

Ion	Ratio	Lower	Upper
138	100		
92	66.0	29.9	69.9
108	72.1	43.2	83.2

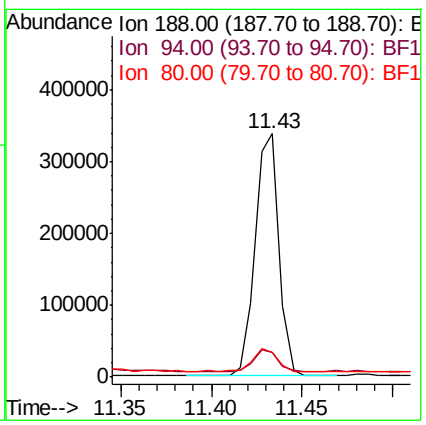


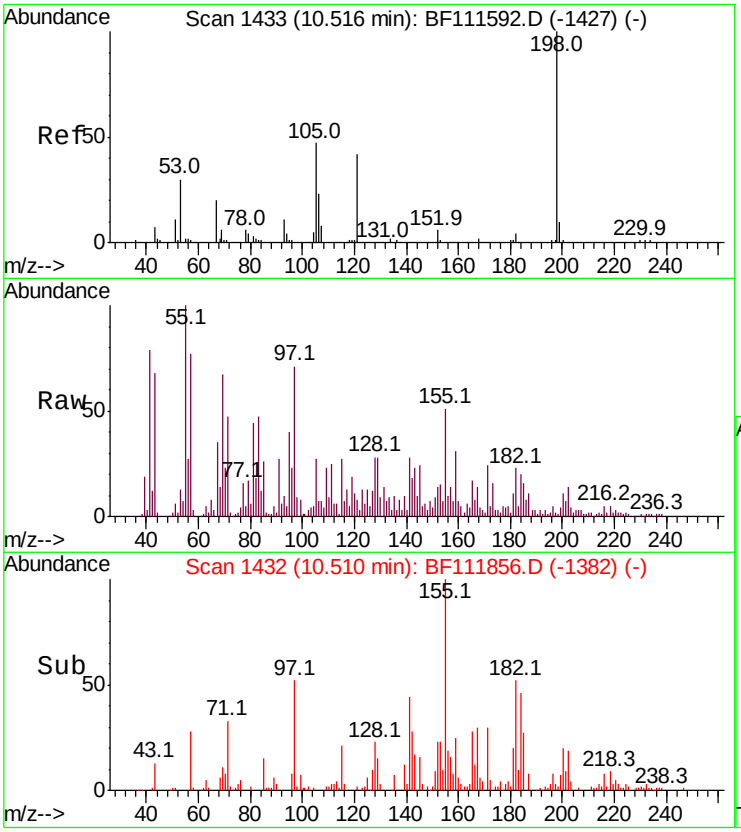


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:188 Resp: 308688

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	10.4	9.8	14.6



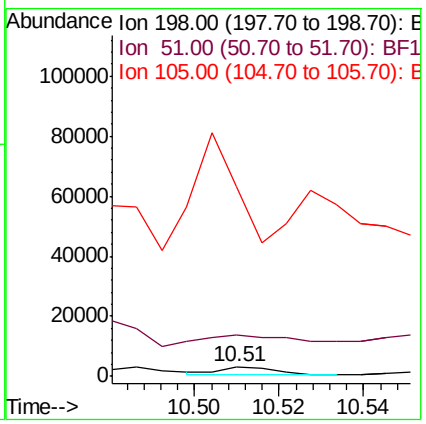


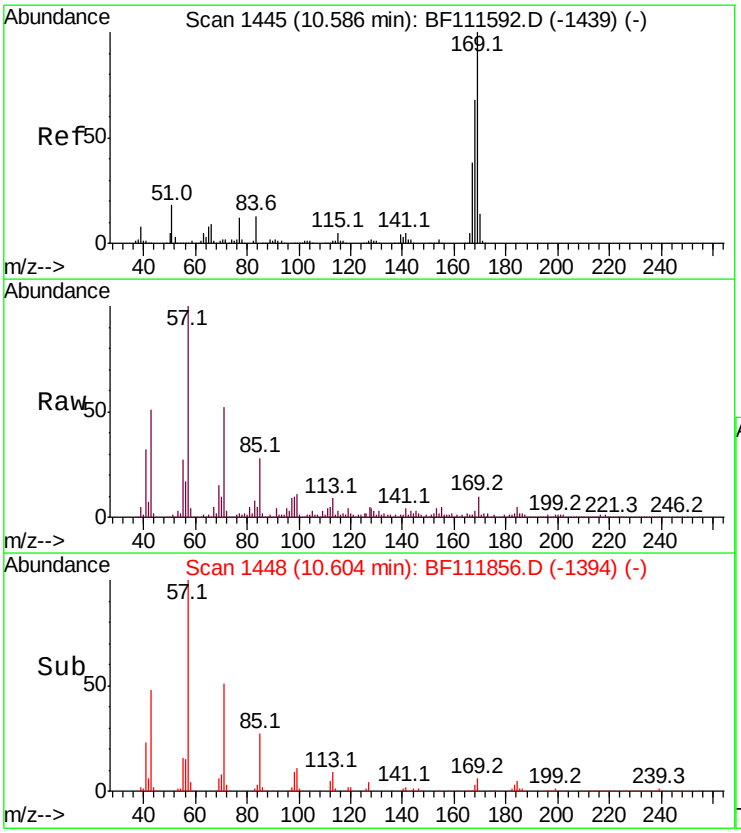
#65
4,6-Dinitro-2-methylphenol
Concen: 8.430 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 2575

Ion	Ratio	Lower	Upper
198	100		
51	415.4	48.0	88.0#
105	1914.6	34.0	74.0#

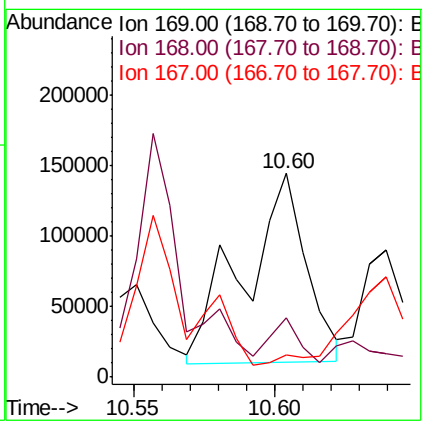


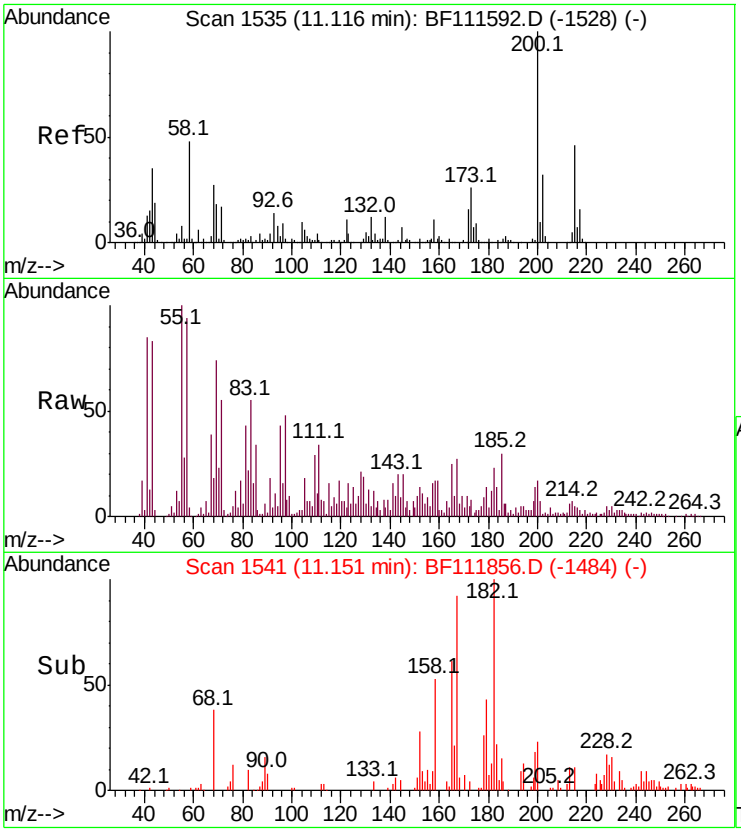


#66
n-Nitrosodiphenylamine
Concen: 19.716 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:169 Resp: 204299

Ion	Ratio	Lower	Upper
169	100		
168	28.9	54.4	81.6#
167	10.9	30.5	45.7#



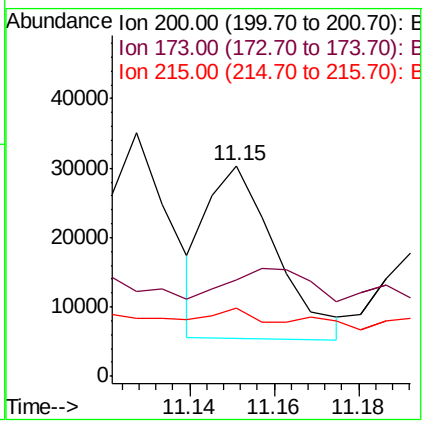


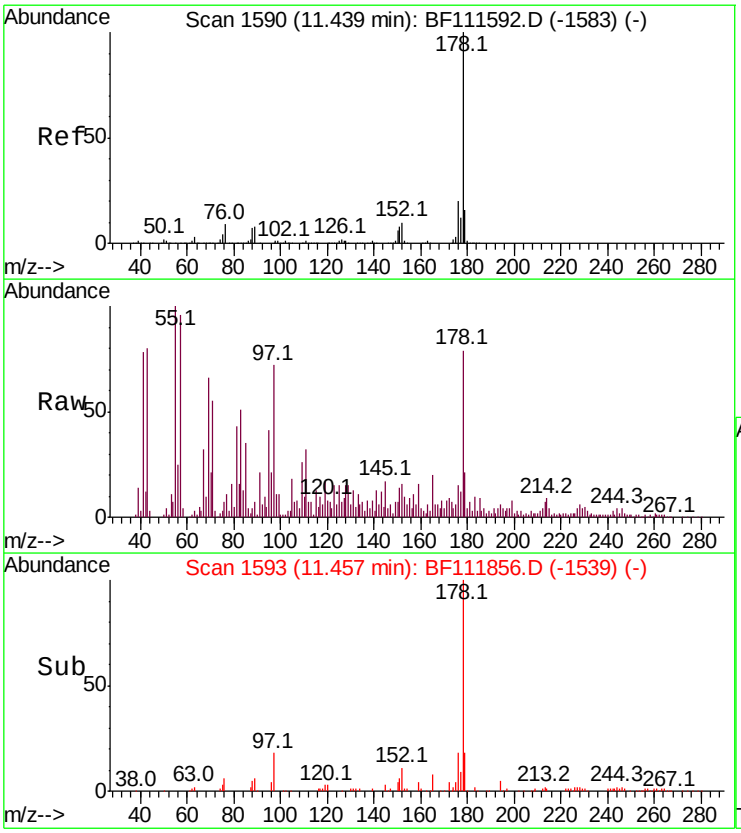
#69
Atrazine
Concen: 7.761 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.04 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 27938

Ion	Ratio	Lower	Upper
200	100		
173	45.7	10.1	50.1
215	32.5	26.9	66.9

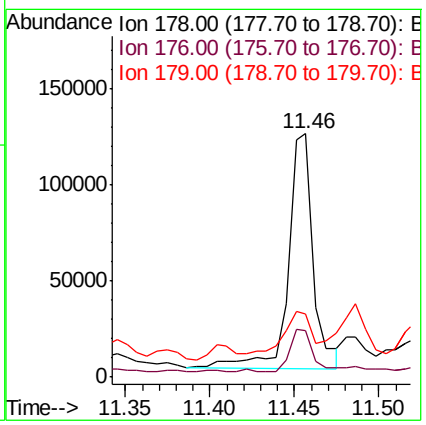


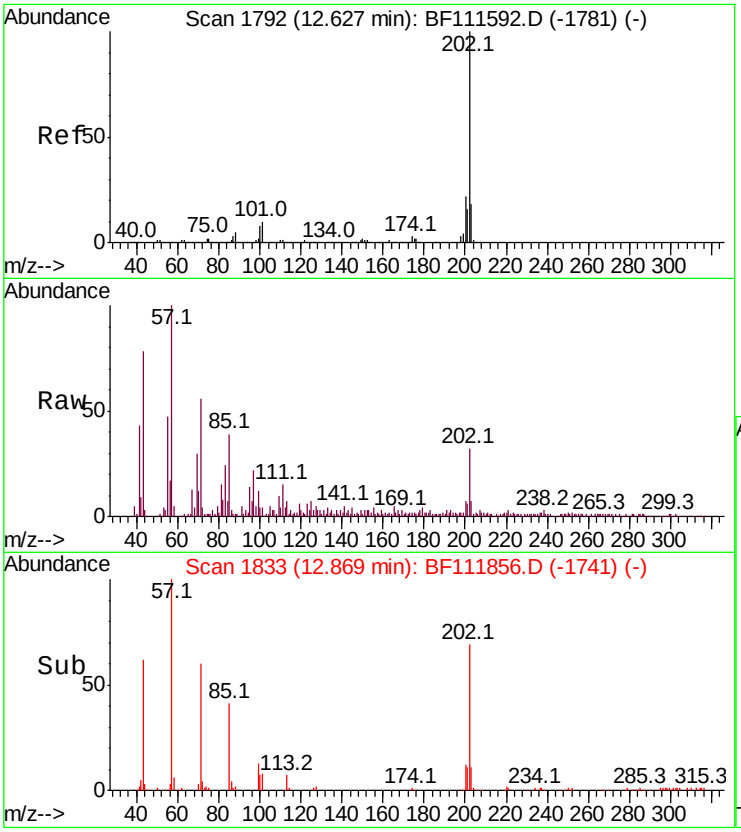


#71
Phenanthrene
Concen: 7.789 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:178 Resp: 127513

Ion	Ratio	Lower	Upper
178	100		
176	19.2	18.1	27.1
179	26.0	14.0	21.0#



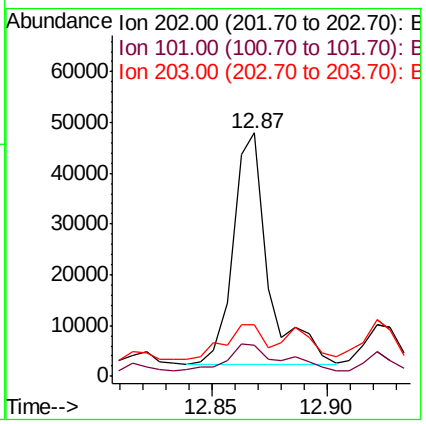


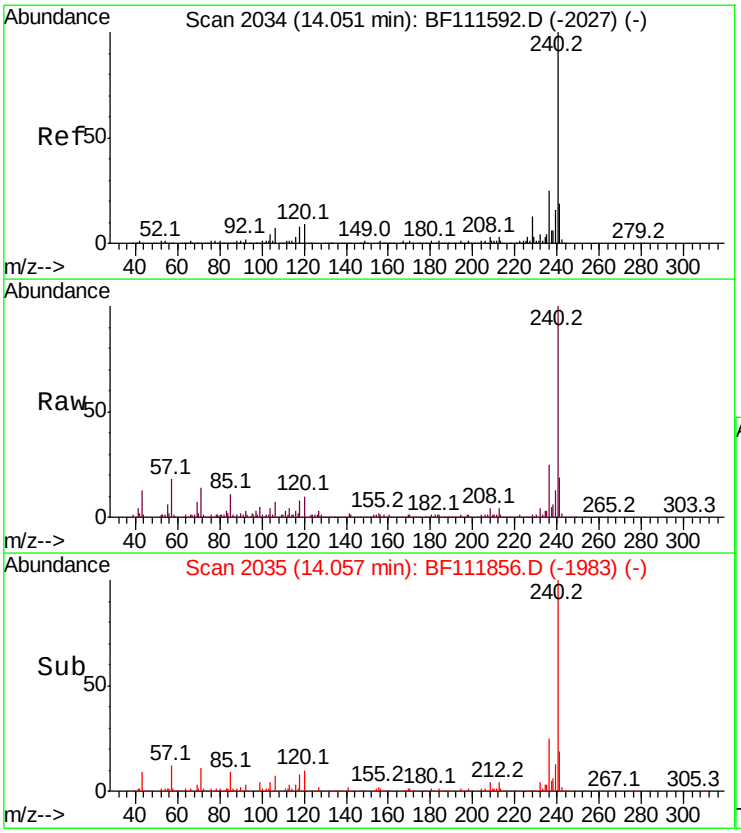
#75
Fluoranthene
Concen: 2.938 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.24 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 48698

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.8
203	21.0	0.0	38.6

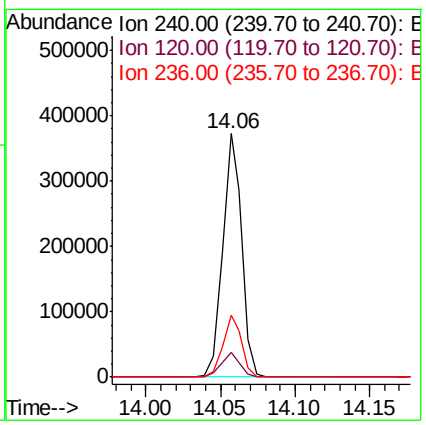


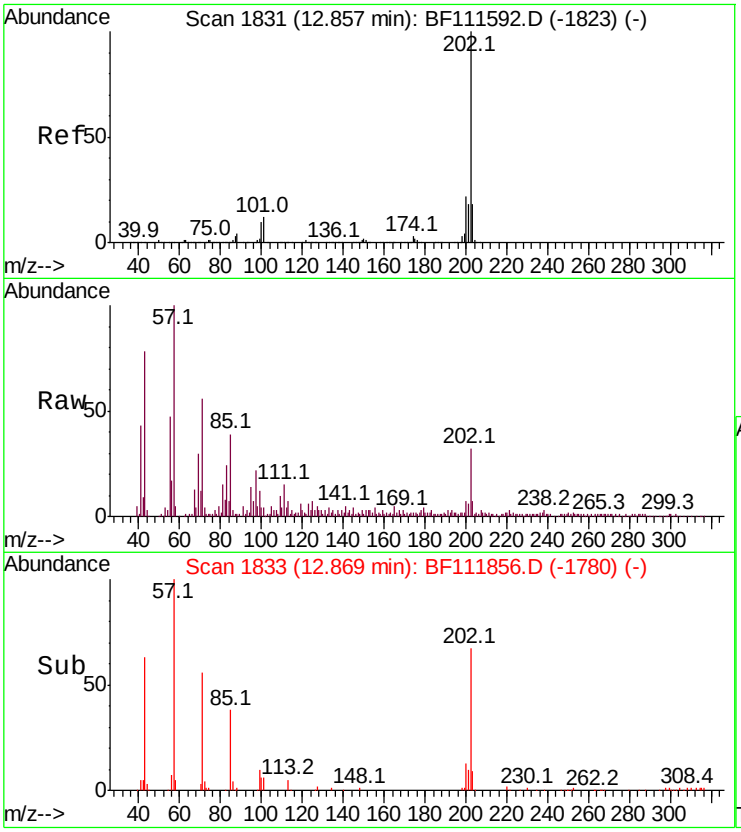


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:240 Resp: 335939

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.2	20.2	30.2



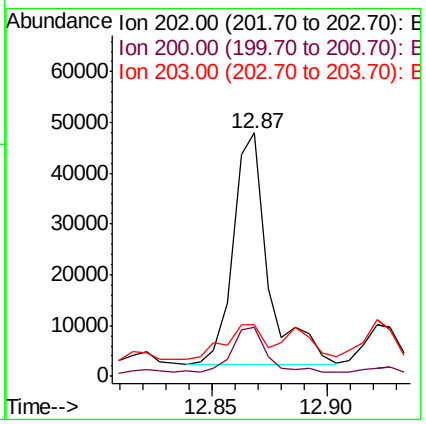


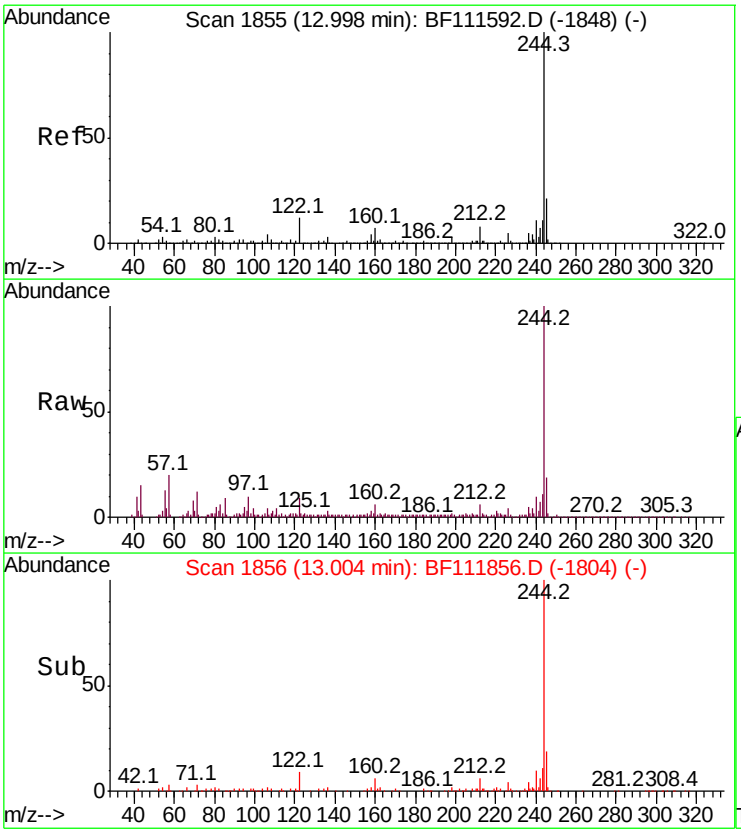
#78
Pyrene
Concen: 2.053 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 48698

Ion	Ratio	Lower	Upper
202	100		
200	20.3	19.0	28.4
203	21.0	15.2	22.8

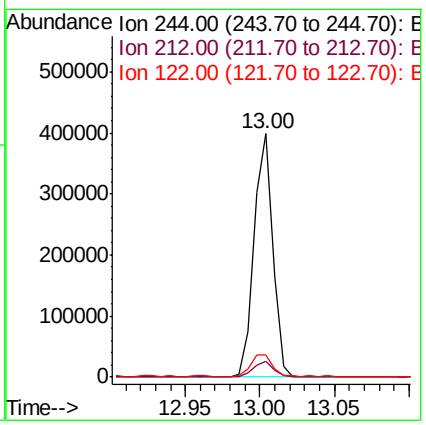


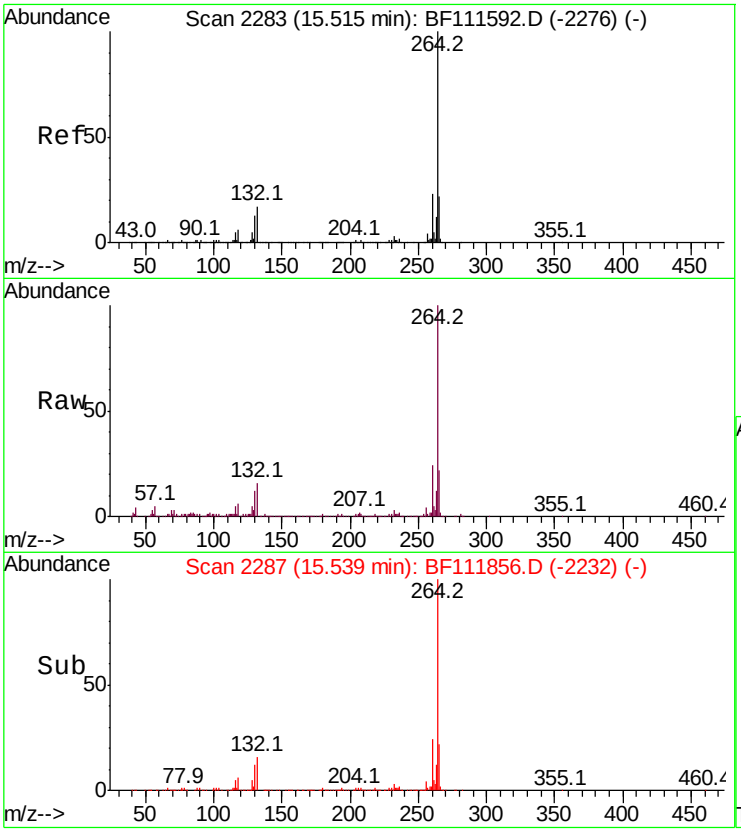


#79
Terphenyl-d14
Concen: 19.332 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Tgt Ion:244 Resp: 342455

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	9.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111856.D
Acq: 4 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 295992

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.0	17.7	26.5