Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 01:07:03 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	170407	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	573653	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	254631	20.00	ng		0.01
63) Phenanthrene-d10	11.51	188	449597	20.00	ng		0.00
75) Chrysene-d12	14.15	240	498110	20.00	ng		0.00
86) Perylene-d12	15.70	264	517576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1320073	131.11	ng		0.02
7) Phenol-d6	6.60	99	1647722	129.53	ng		0.01
23) Nitrobenzene-d5	7.54	82	1052652	107.95	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	397292	162.16	ng		0.01
44) 2-Fluorobiphenyl	9.34	172	1408366	105.93	ng		0.00
78) Terphenyl-d14	13.10	244	1499907	74.79	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	34832	2.508	ng		97
15) Benzyl Alcohol	7.13	79	27871	2.558	ng	#	41
18) Hexachloroethane	7.51	117	187947	40.789	ng	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	46784	4.902	ng	#	64
24) Nitrobenzene	7.54	77	31347	2.958	ng	#	27
25) Isophorone	7.78	82	125211	6.574	ng	#	1
26) 2-Nitrophenol	7.87	139	9074	2.206	ng	#	1
27) 2,4-Dimethylphenol	7.91	122	16618	2.061	ng	#	32
29) 2,4-Dichlorophenol	8.09	162	15680	2.016	ng	#	25
32) Benzoic acid	8.05	122	9584	8.656	ng	#	19
35) Caprolactam	8.71	113	15610	5.933	ng	#	1
37) 2-Methylnaphthalene	8.98	142	1735171	98.241	ng	#	94
48) Acenaphthylene	9.88	152	67268	2.784	ng	#	1
49) Dimethylphthalate	9.73	163	196880	10.822	ng	#	91
51) Acenaphthene	10.06	154	107321	6.879	ng	#	47
52) 3-Nitroaniline	9.97	138	11396	2.584	ng	#	39
53) 2,4-Dinitrophenol	10.08	184	1721	9.514	ng	#	1
54) Dibenzofuran	10.23	168	102635	4.885	ng	#	1
55) 4-Nitrophenol	10.13	139	82776	24.486	ng	#	57
56) 2,4-Dinitrotoluene	10.20	165	22145	4.746	ng	#	55
57) Fluorene	10.58	166	273884	16.454	ng	#	83
61) 4-Nitroaniline	10.49	138	16402	3.822	ng		87
62) Azobenzene	10.72	77	41350	2.196	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.60	198	2244	7.099	ng	#	1
65) n-Nitrosodiphenylamine	10.68	169	325871	21.566	ng	#	51
68) Atrazine	11.20	200	10051	2.158	ng	#	61
70) Phenanthrene	11.54	178	736119	33.432	ng		96
77) Pyrene	12.95	202	155650	4.991	ng	#	96

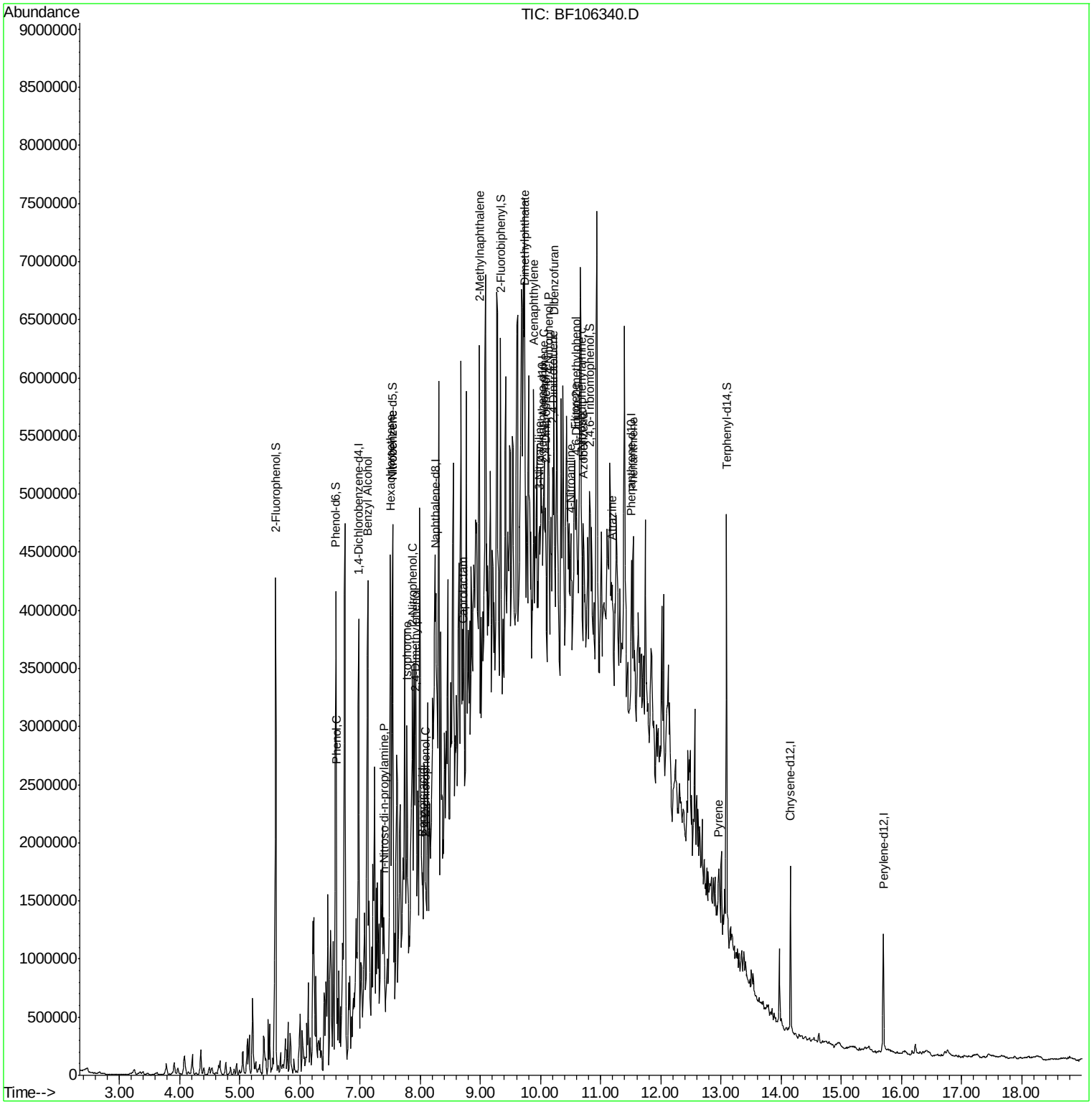
(#) = qualifier out of range (m) = manual integration (+) = signals summed

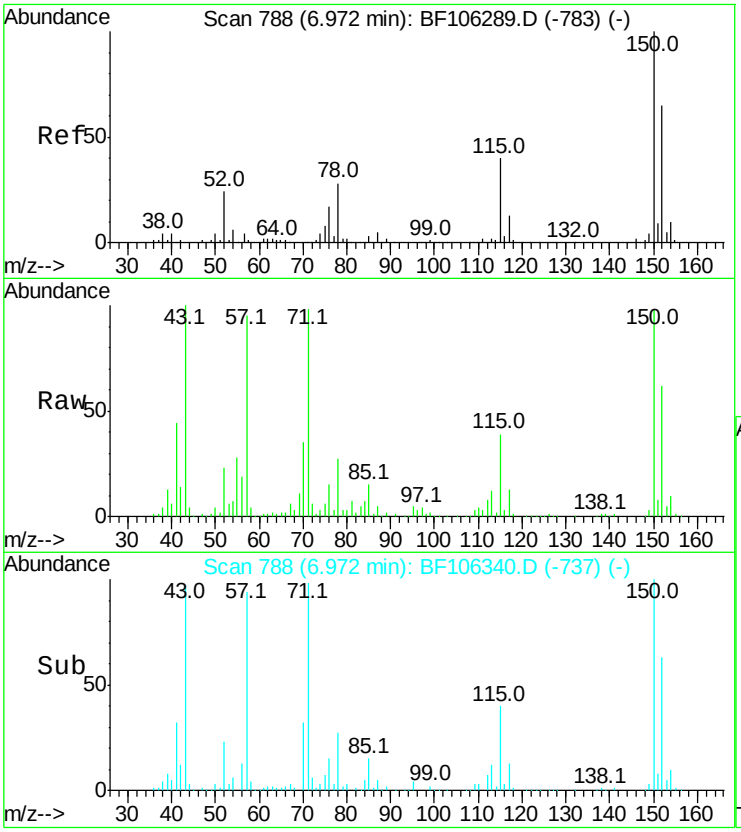
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 13 01:07:03 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



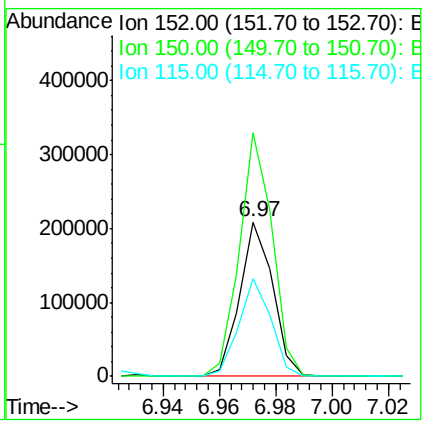


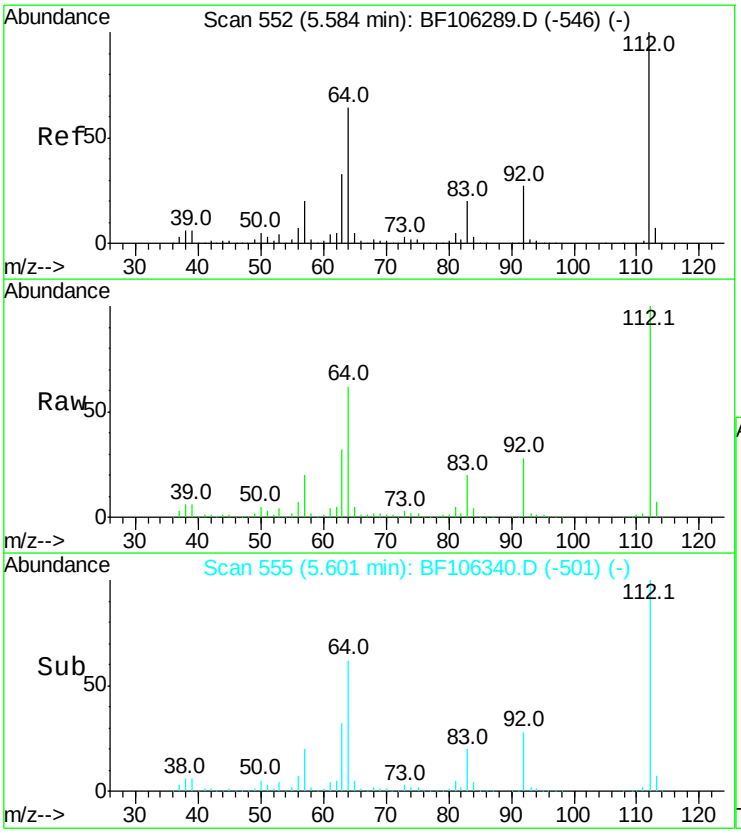
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170407

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	63.0	50.1	75.1

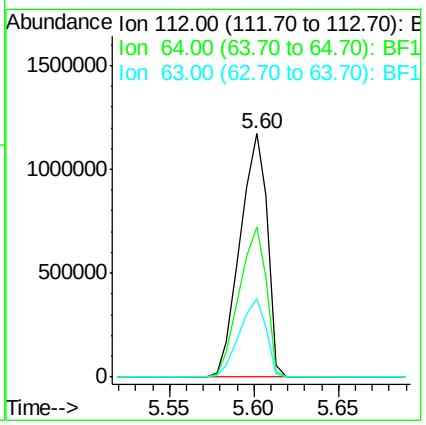


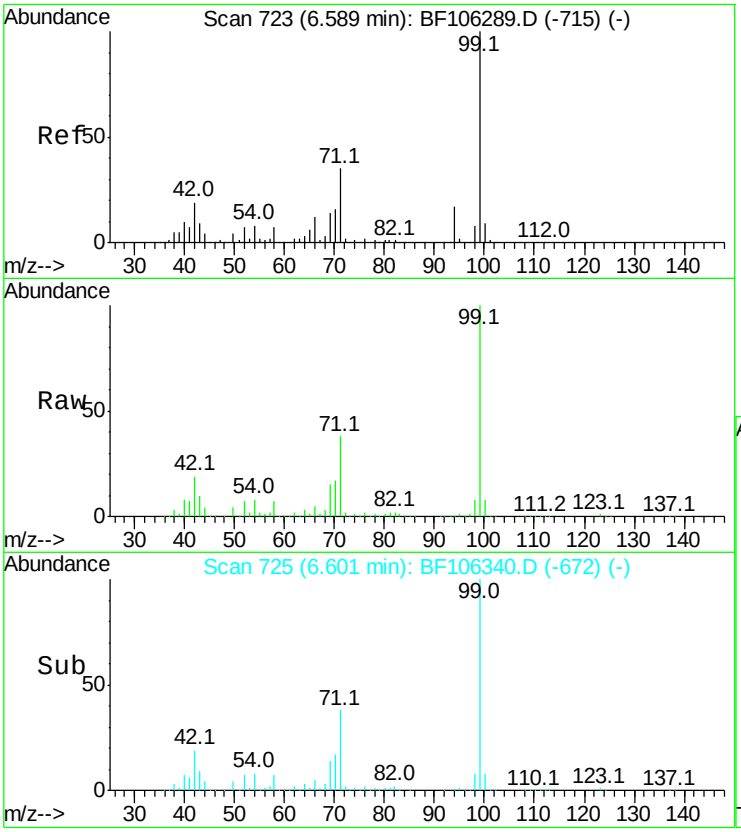


#5
2-Fluorophenol
Concen: 131.111 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:112 Resp: 1320073

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	32.1	23.7	35.5



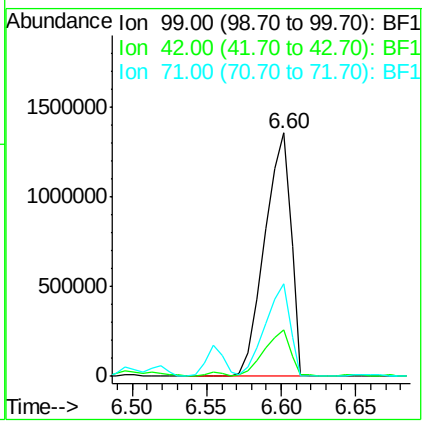


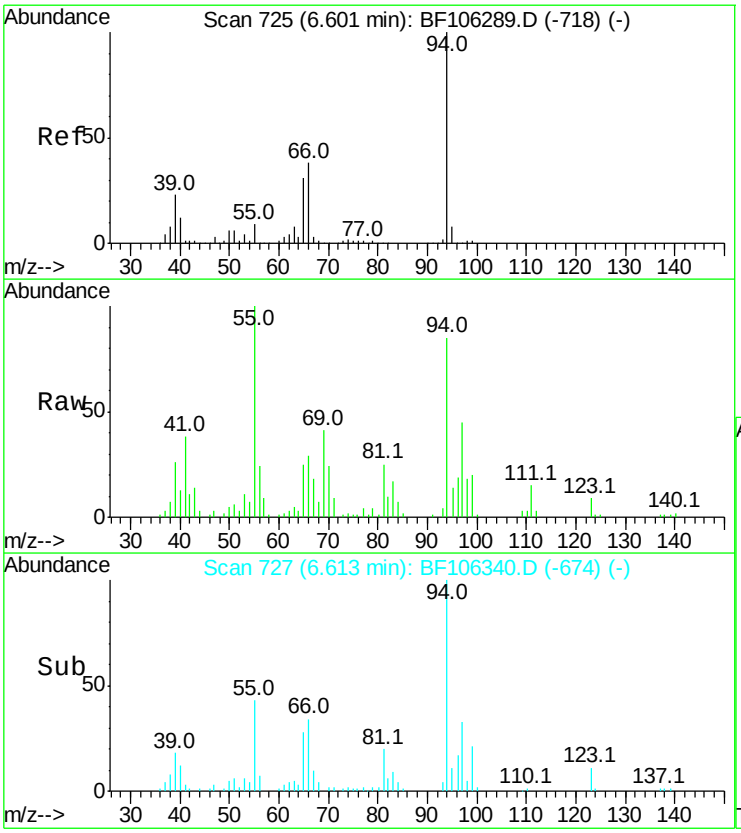
#7
Phenol-d6
Concen: 129.533 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1647722

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	37.9	25.4	38.0

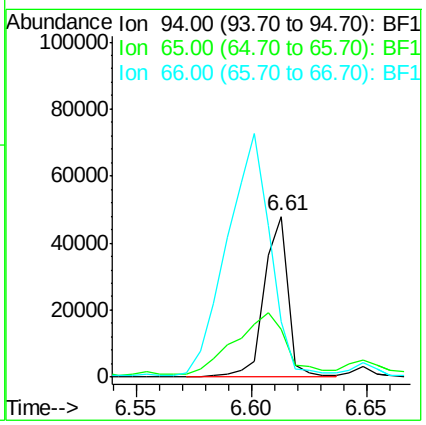


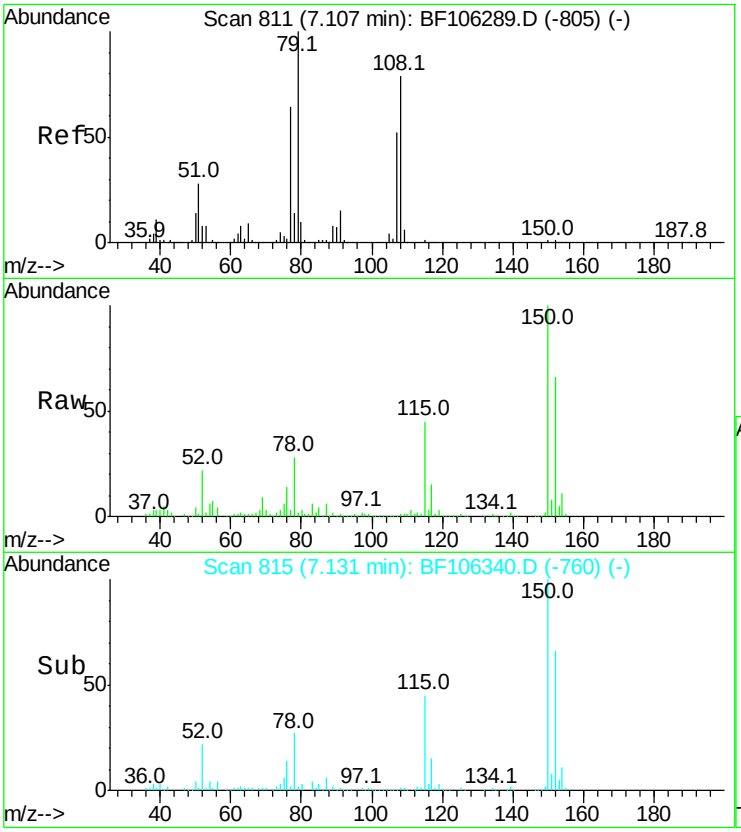


#10
Phenol
Concen: 2.508 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion: 94 Resp: 34832

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	34.5	16.2	56.2



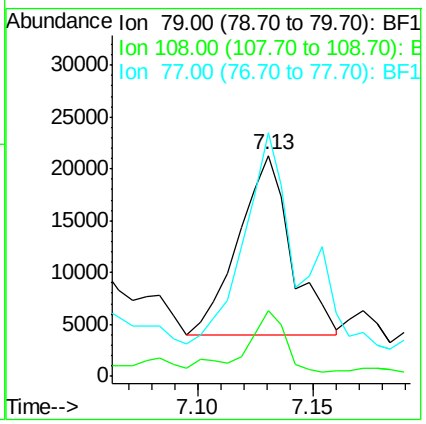


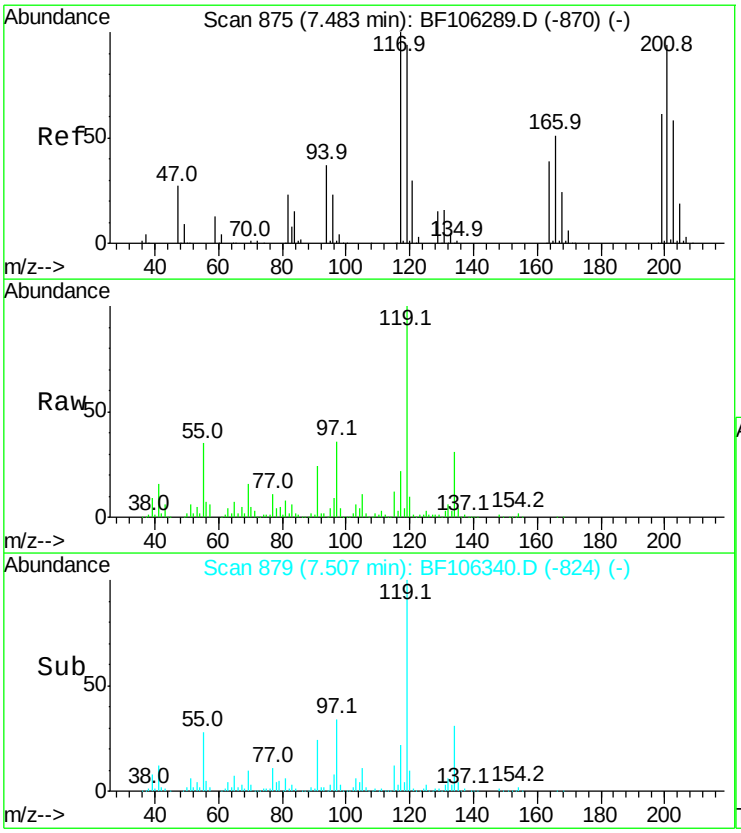
#15
Benzyl Alcohol
Concen: 2.558 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 27871

Ion	Ratio	Lower	Upper
79	100		
108	29.8	65.1	97.7#
77	110.2	50.6	75.8#

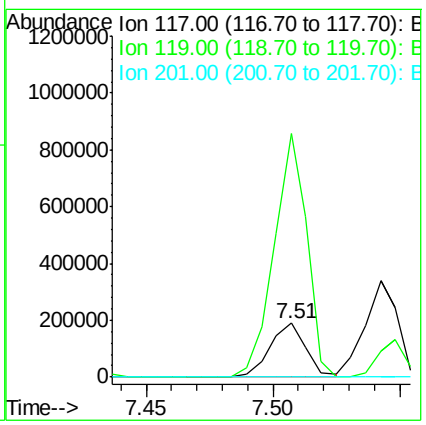


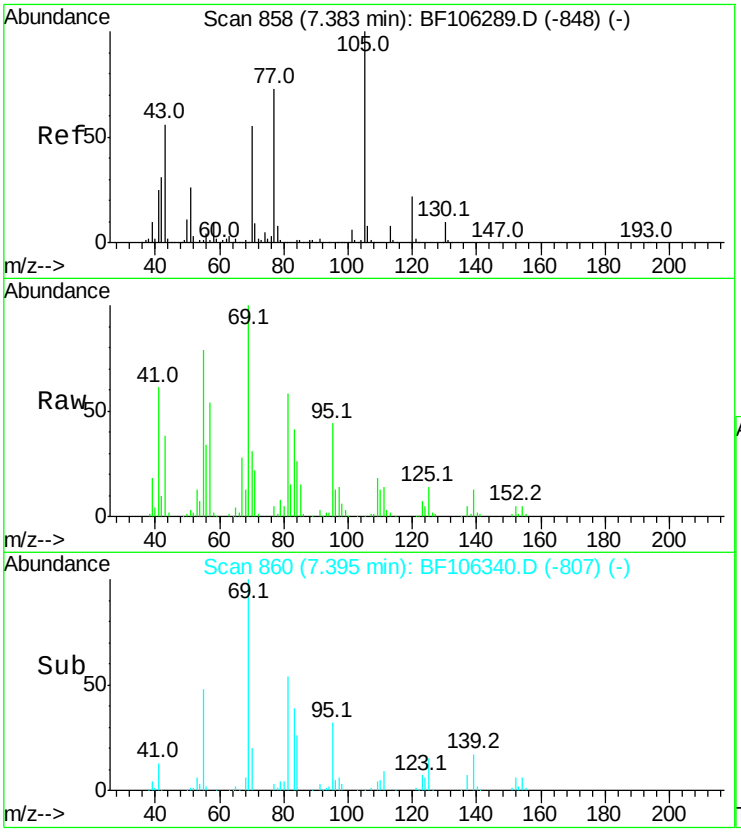


#18
Hexachloroethane
Concen: 40.789 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:117 Resp: 187947

Ion	Ratio	Lower	Upper
117	100		
119	451.9	75.8	113.8#
201	0.0	75.7	113.5#



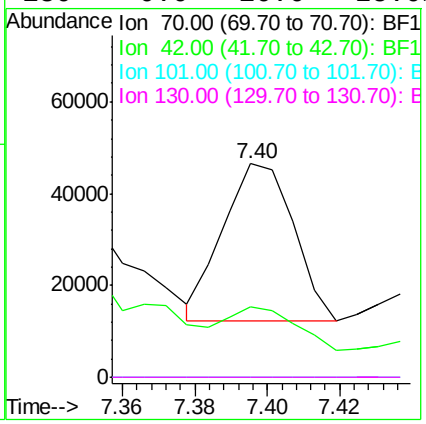


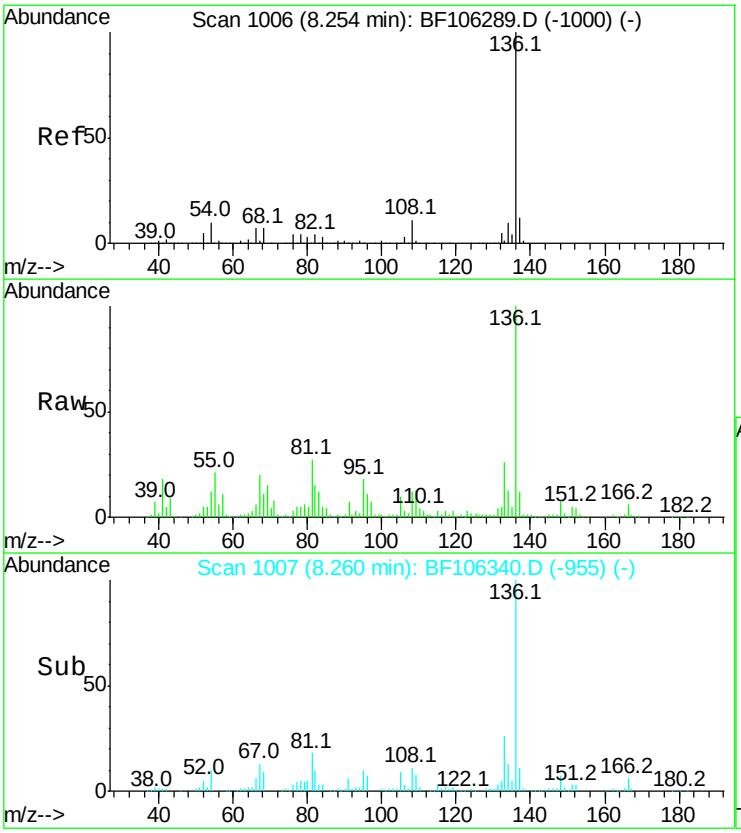
#19
n-Nitroso-di-n-propylamine
Concen: 4.902 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46784

Ion	Ratio	Lower	Upper
70	100		
42	32.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

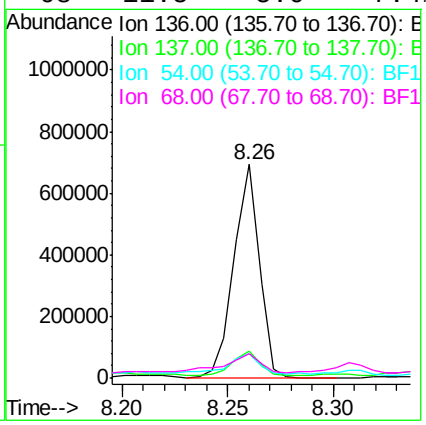


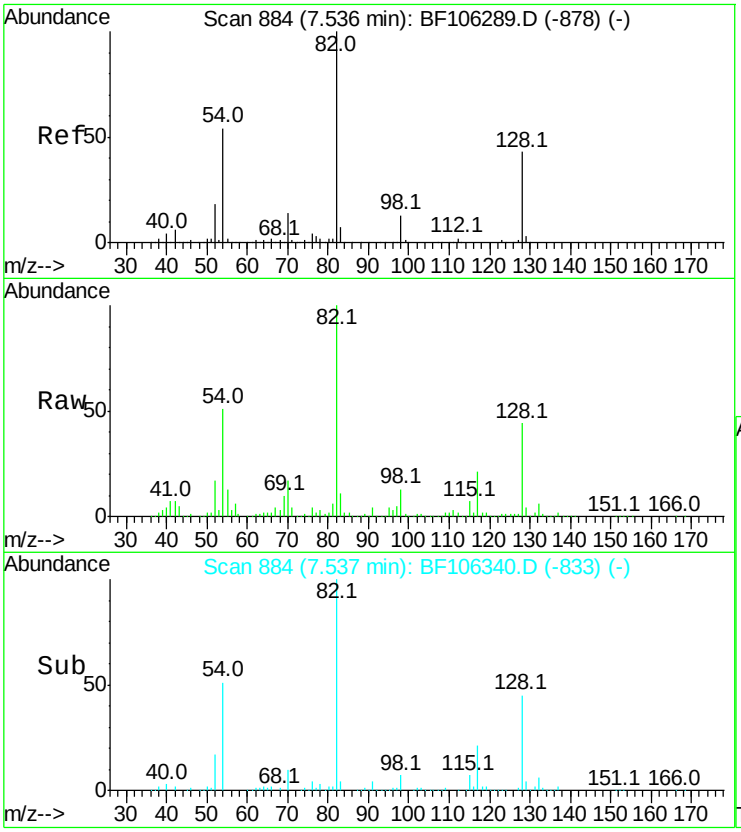


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:136 Resp: 573653

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	11.5	6.6	9.8#
68	11.5	5.0	7.4#



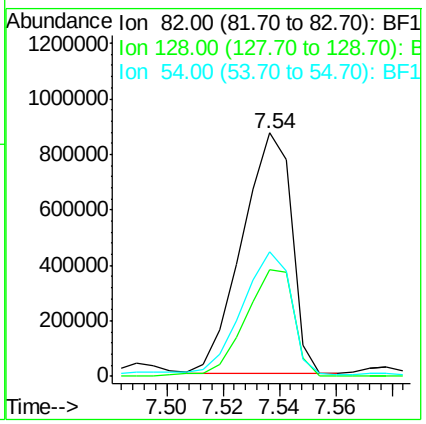


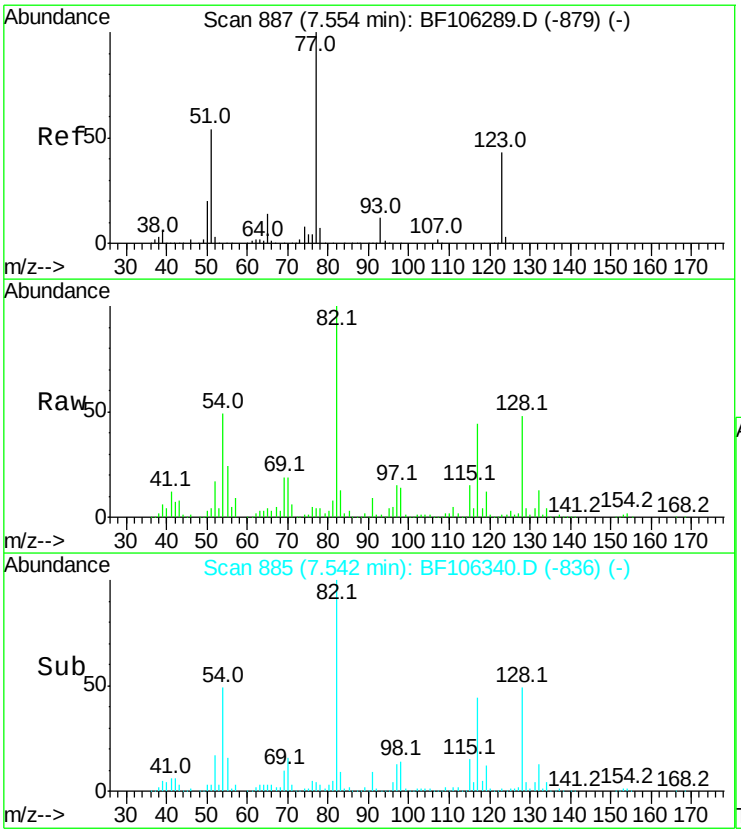
#23
Nitrobenzene-d5
Concen: 107.950 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1052652

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	51.2	41.4	62.2

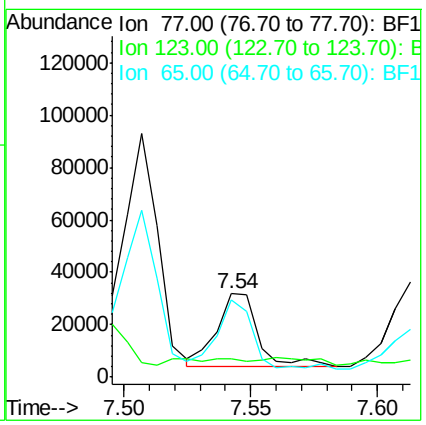


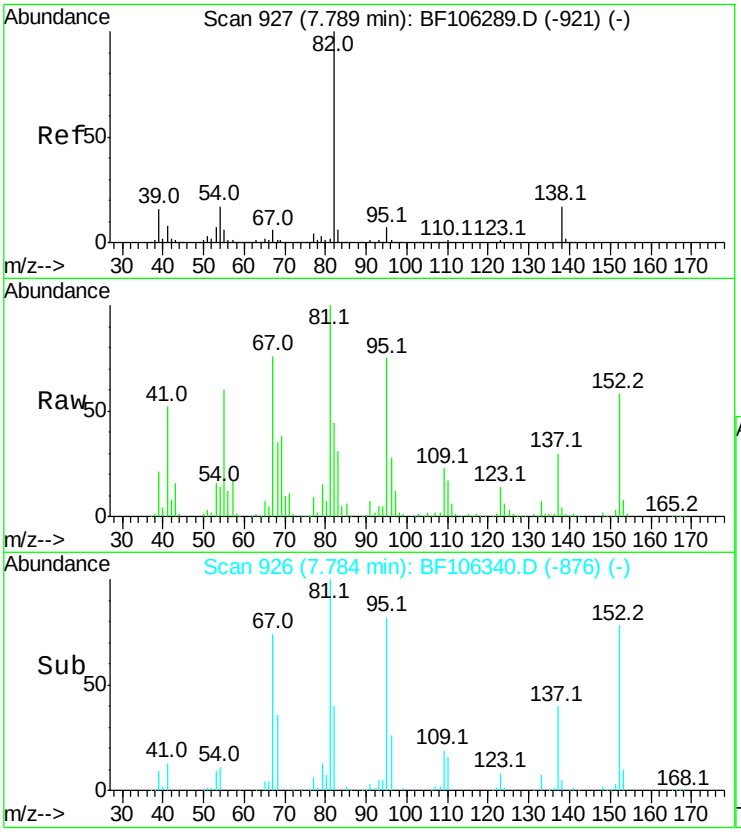


#24
Nitrobenzene
Concen: 2.958 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion: 77 Resp: 31347

Ion	Ratio	Lower	Upper
77	100		
123	21.7	37.9	56.9#
65	92.2	11.0	16.4#



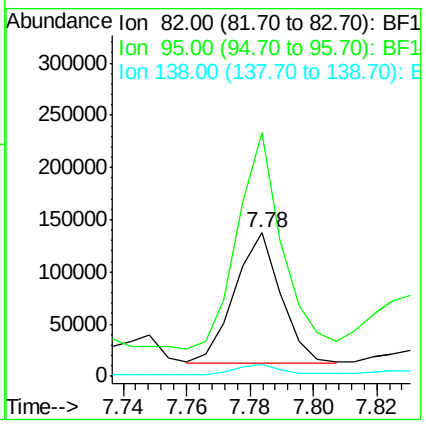


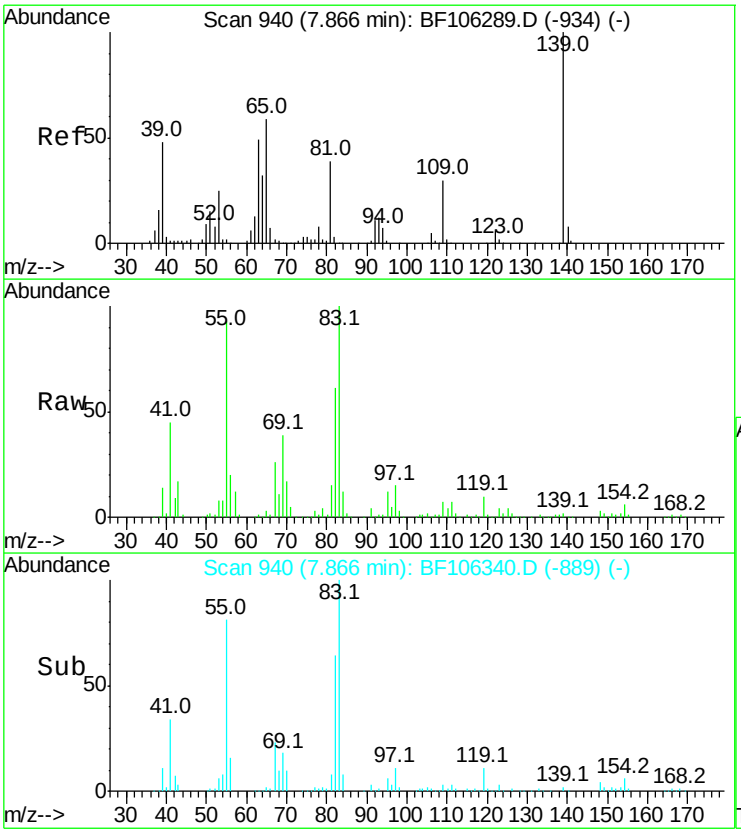
#25
Isophorone
Concen: 6.574 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 125211

Ion	Ratio	Lower	Upper
82	100		
95	169.8	5.2	7.8#
138	8.7	14.9	22.3#

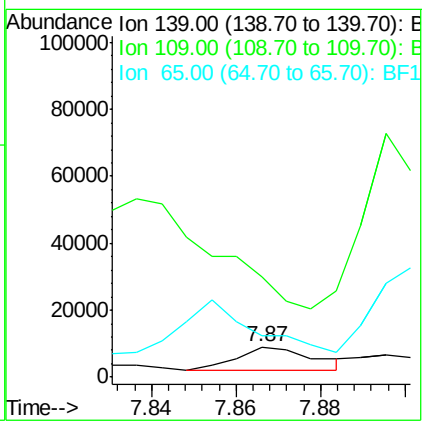


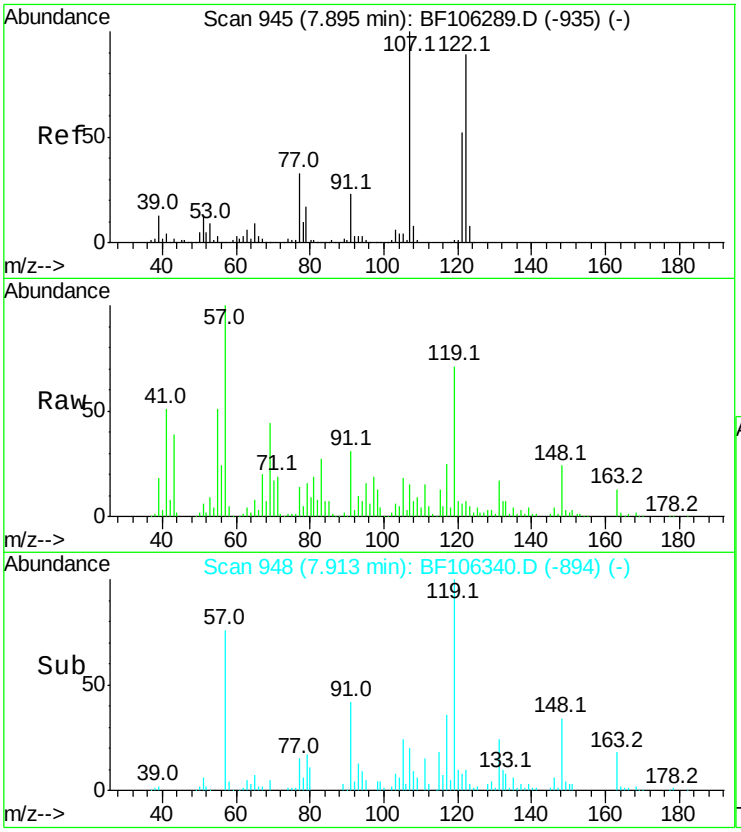


#26
2-Nitrophenol
Concen: 2.206 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:139 Resp: 9074

Ion	Ratio	Lower	Upper
139	100		
109	332.8	22.7	34.1#
65	134.9	40.5	60.7#



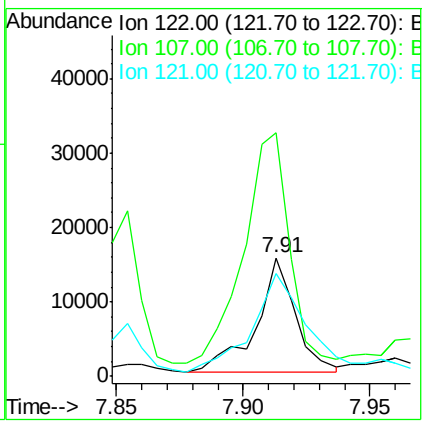


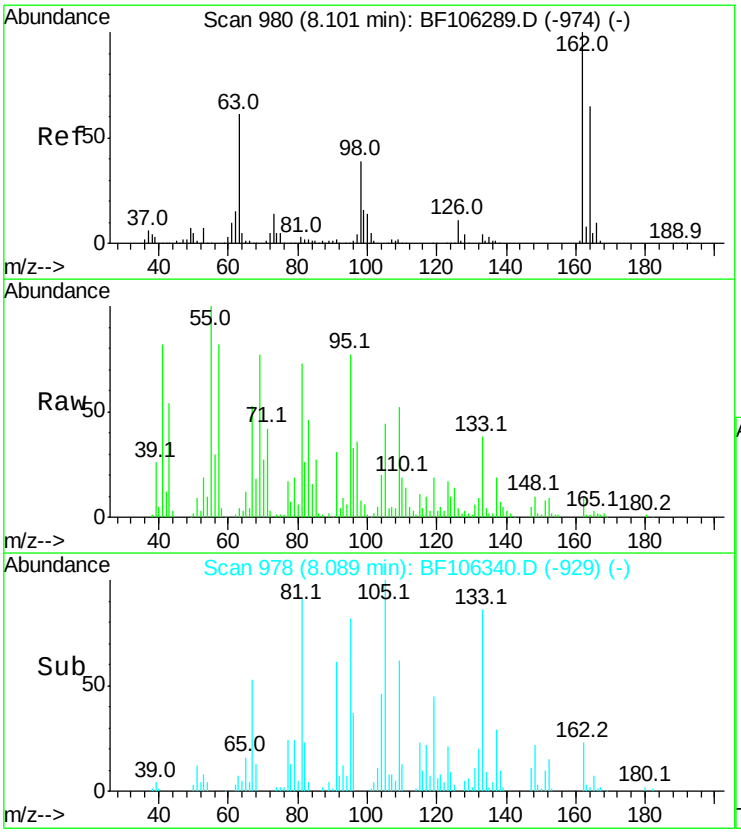
#27
2,4-Dimethylphenol
Concen: 2.061 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 16618

Ion	Ratio	Lower	Upper
122	100		
107	205.4	91.2	136.8#
121	86.5	47.2	70.8#

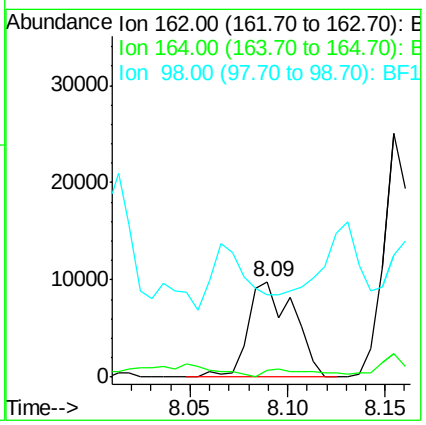


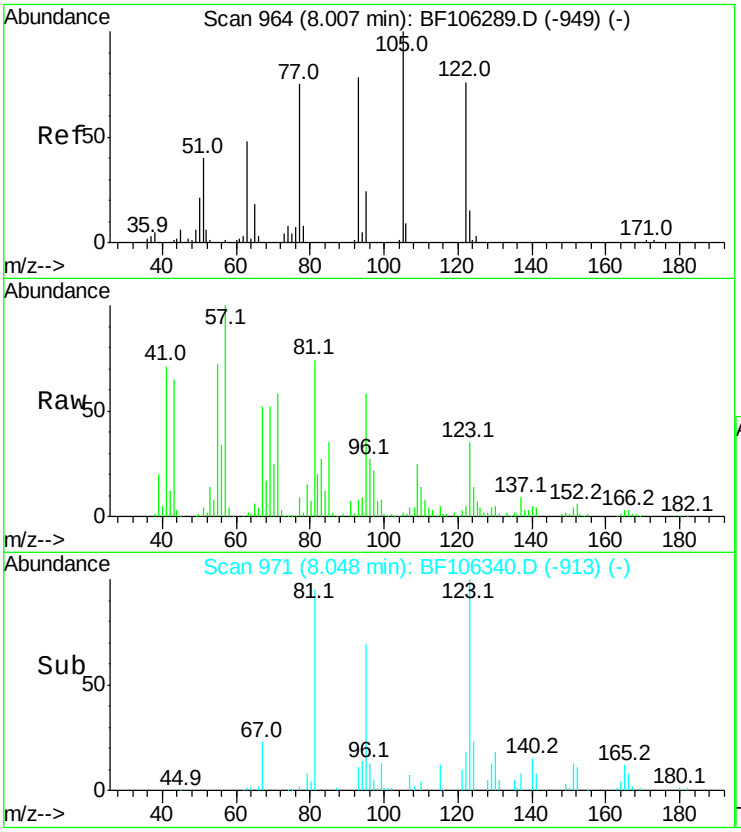


#29
2,4-Dichlorophenol
Concen: 2.016 ng
RT: 8.09 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:162 Resp: 15680

Ion	Ratio	Lower	Upper
162	100		
164	7.0	42.7	82.7#
98	85.7	18.1	58.1#



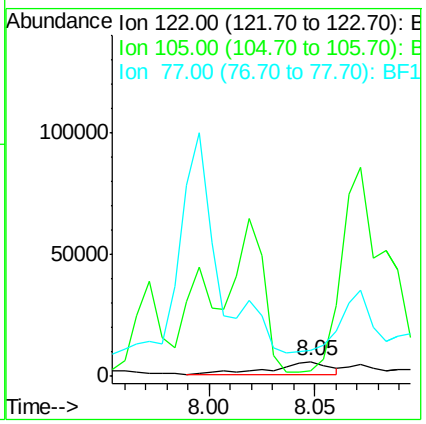


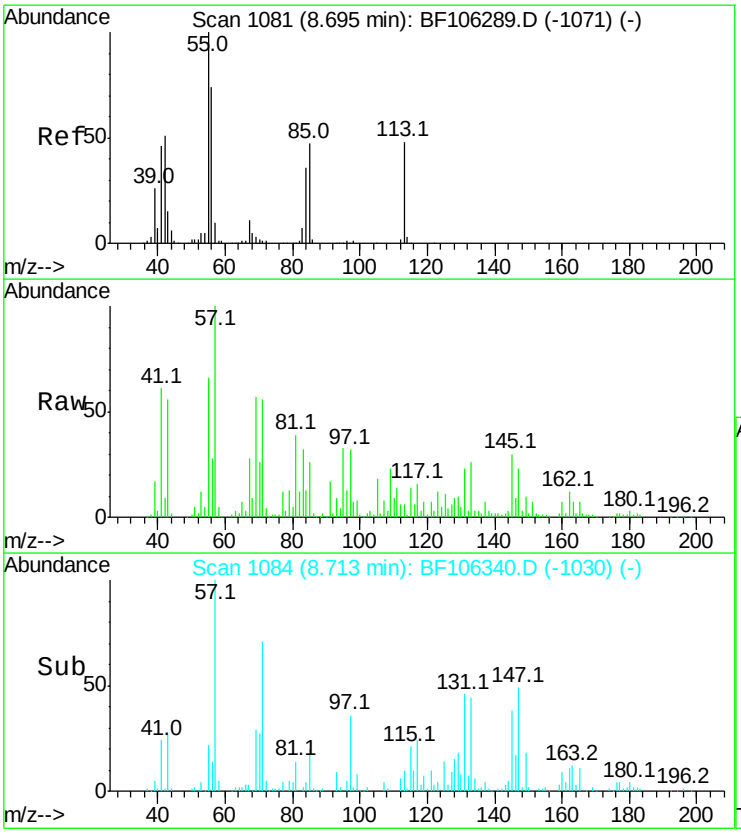
#32
Benzoic acid
Concen: 8.656 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.04 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 9584

Ion	Ratio	Lower	Upper
122	100		
105	36.3	101.1	141.1#
77	173.6	70.7	110.7#

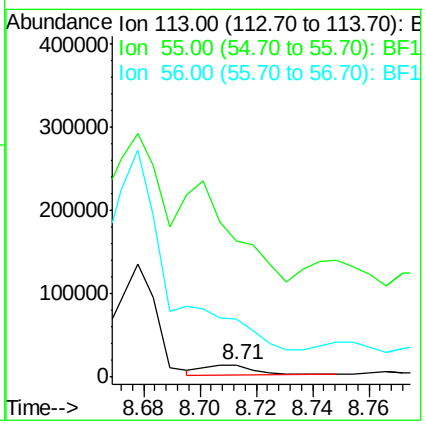


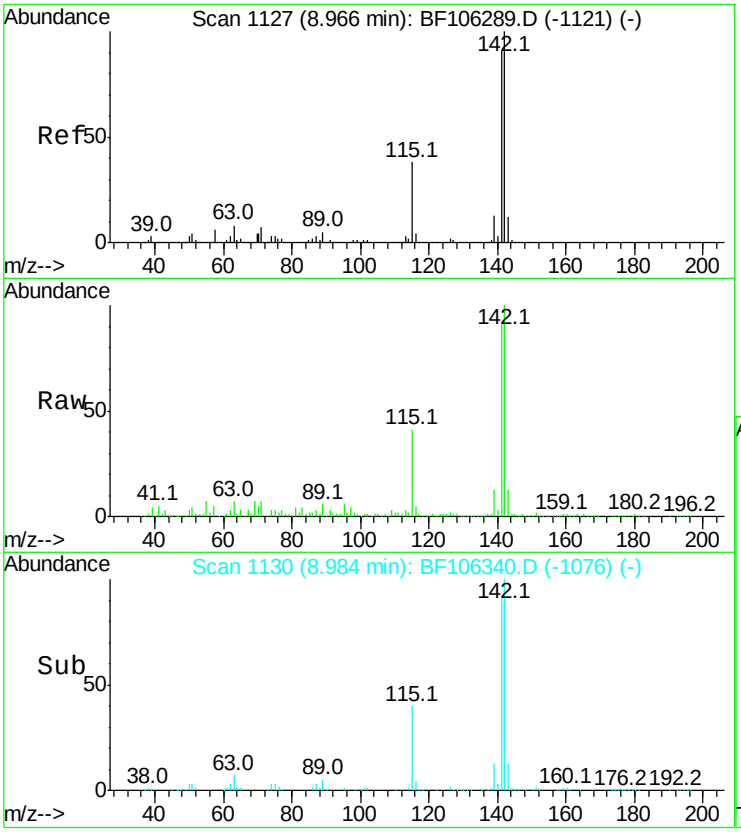


#35
Caprolactam
Concen: 5.933 ng
RT: 8.71 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:113 Resp: 15610

Ion	Ratio	Lower	Upper
113	100		
55	1102.3	163.3	203.3#
56	472.9	115.7	155.7#



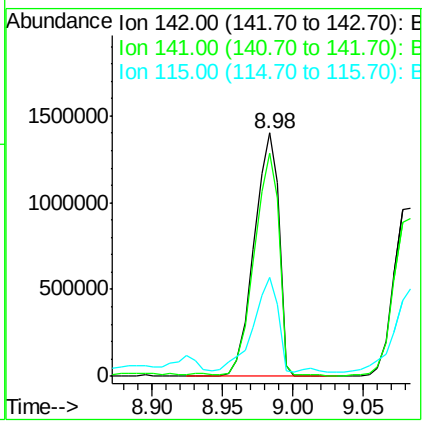


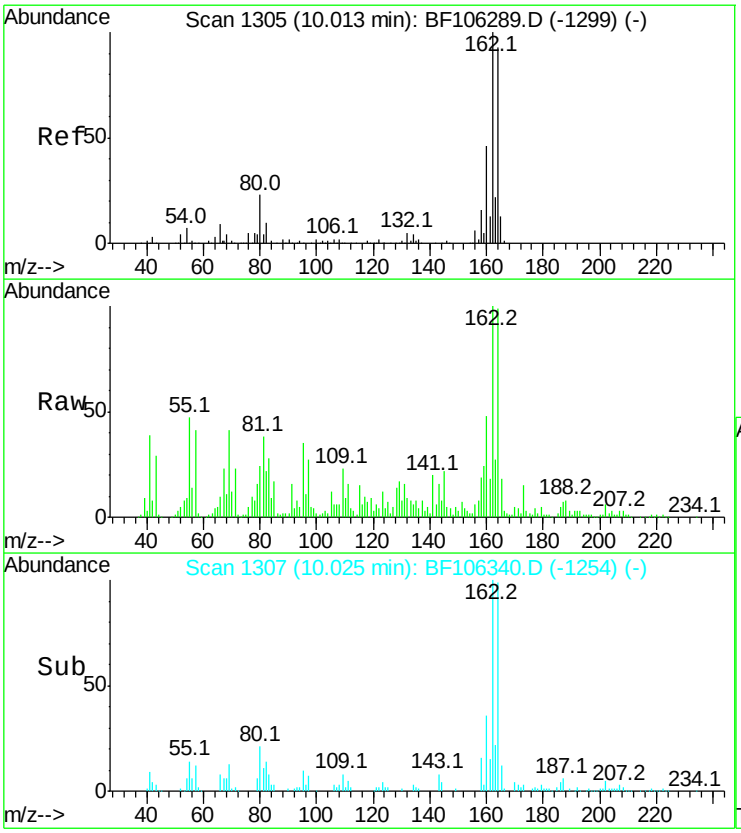
#37
2-Methylnaphthalene
Concen: 98.241 ng
RT: 8.98 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1735171

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	40.5	26.1	39.1#

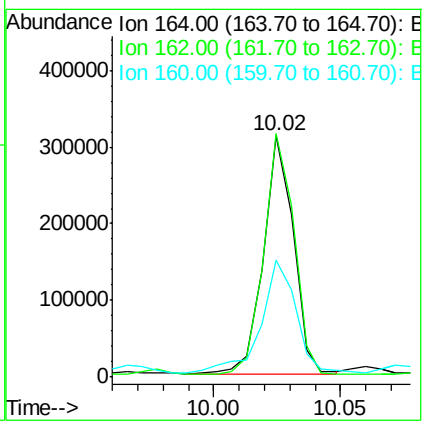


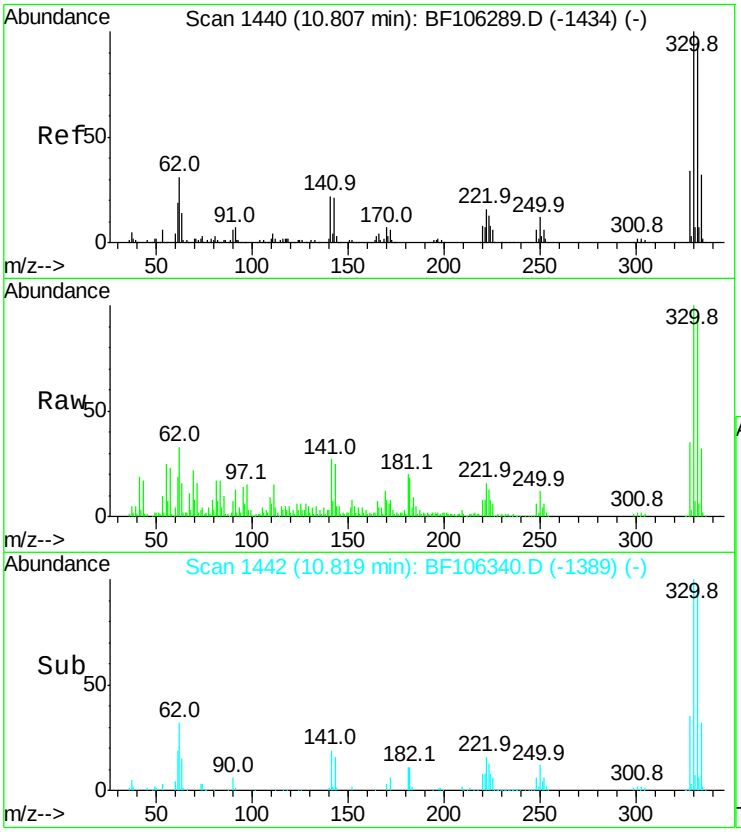


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:164 Resp: 254631

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	48.7	38.3	57.5



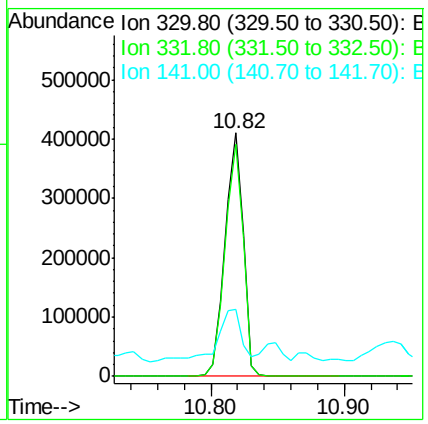


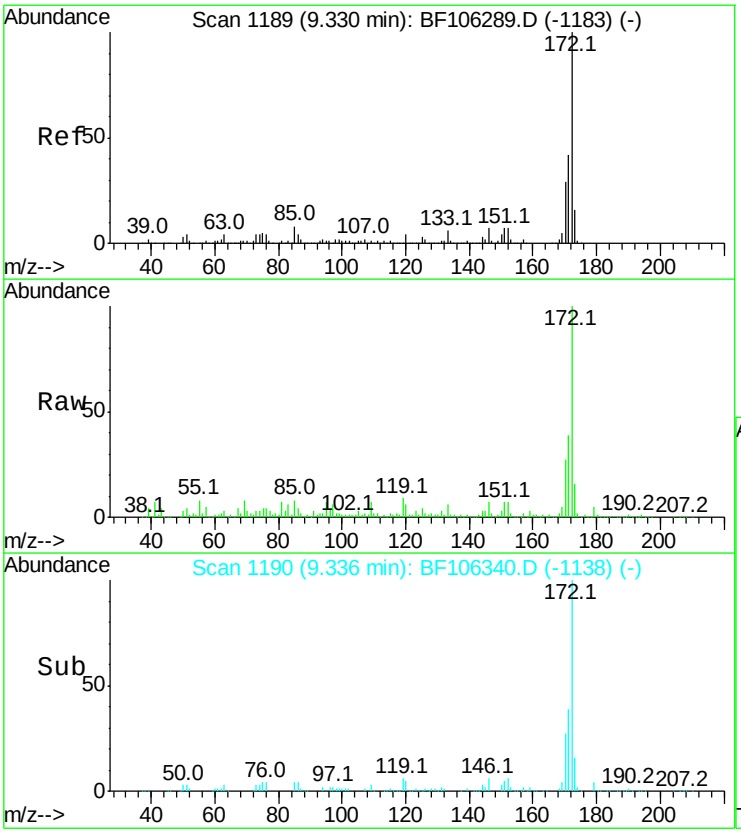
#41
2,4,6-Tribromophenol
Concen: 162.161 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 397292

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	27.8	29.9	44.9#

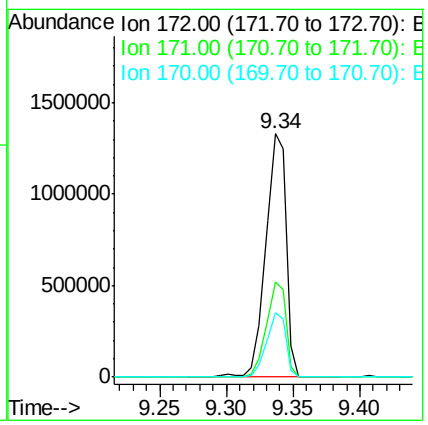


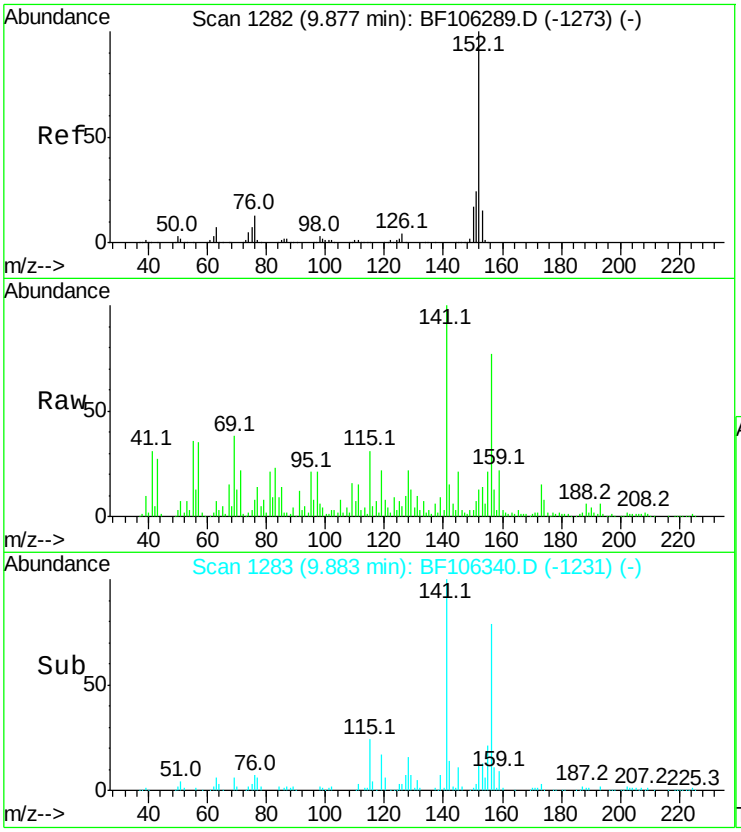


#44
2-Fluorobiphenyl
Concen: 105.925 ng
RT: 9.34 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:172 Resp: 1408366

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.6	19.6	29.4



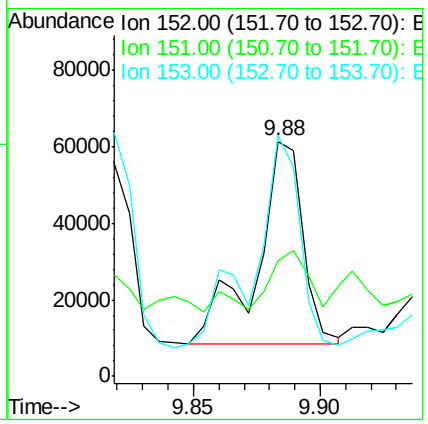


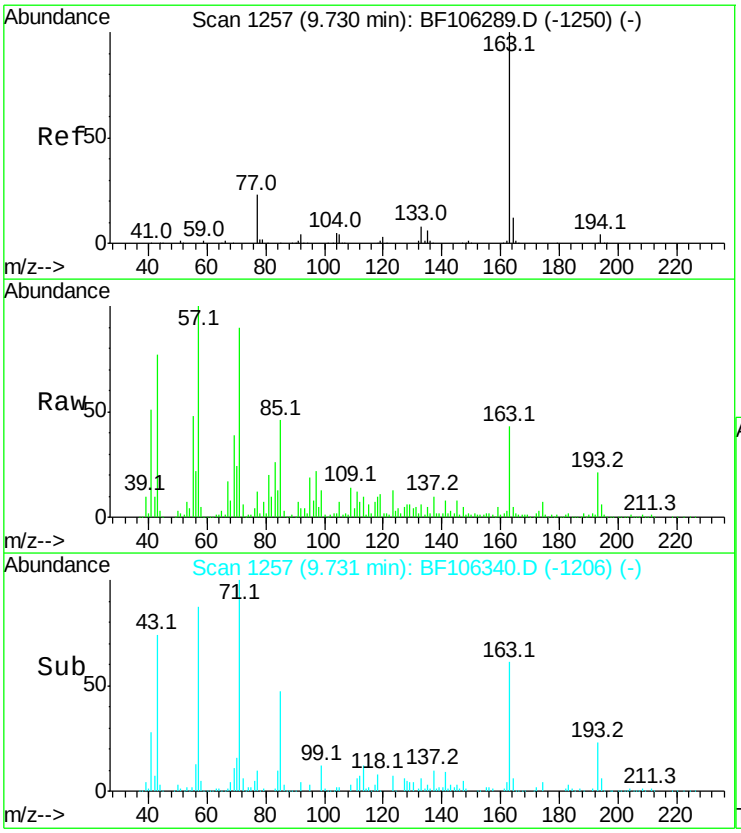
#48
Acenaphthylene
Concen: 2.784 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67268

Ion	Ratio	Lower	Upper
152	100		
151	49.3	16.3	24.5#
153	102.4	10.7	16.1#

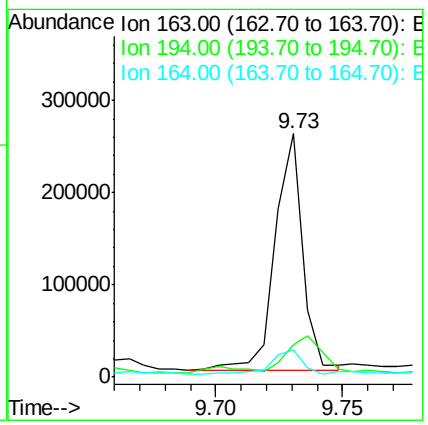


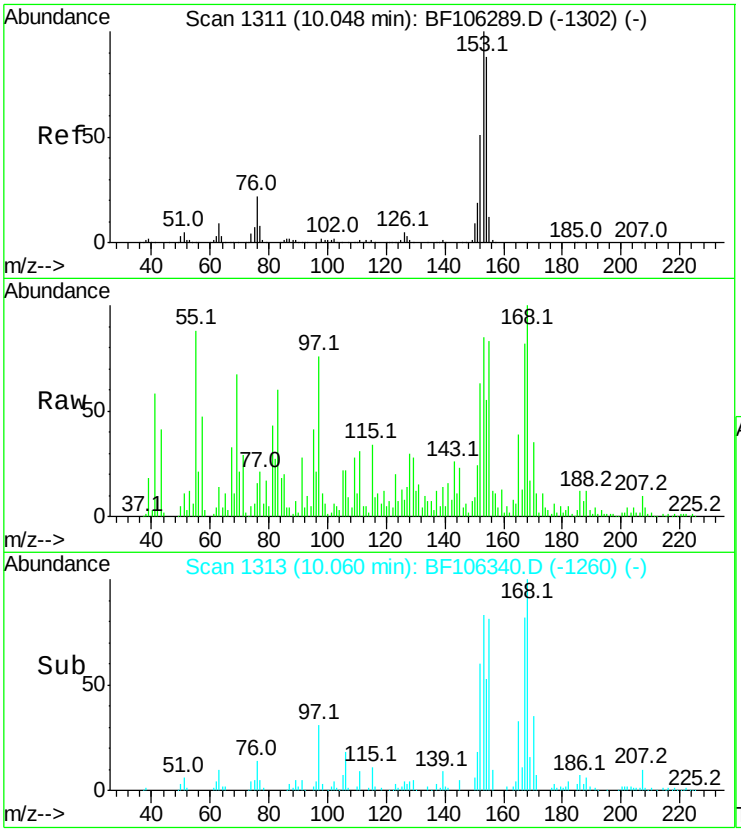


#49
Dimethylphthalate
Concen: 10.822 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:163 Resp: 196880

Ion	Ratio	Lower	Upper
163	100		
194	13.6	2.7	4.1#
164	11.0	8.2	12.2



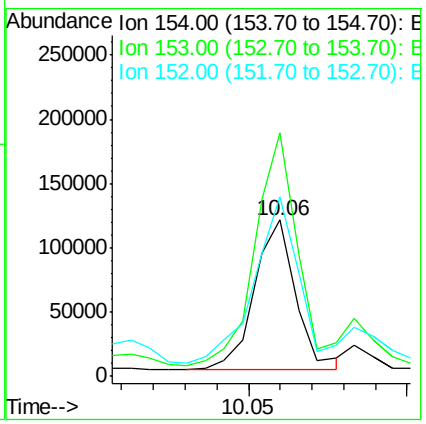


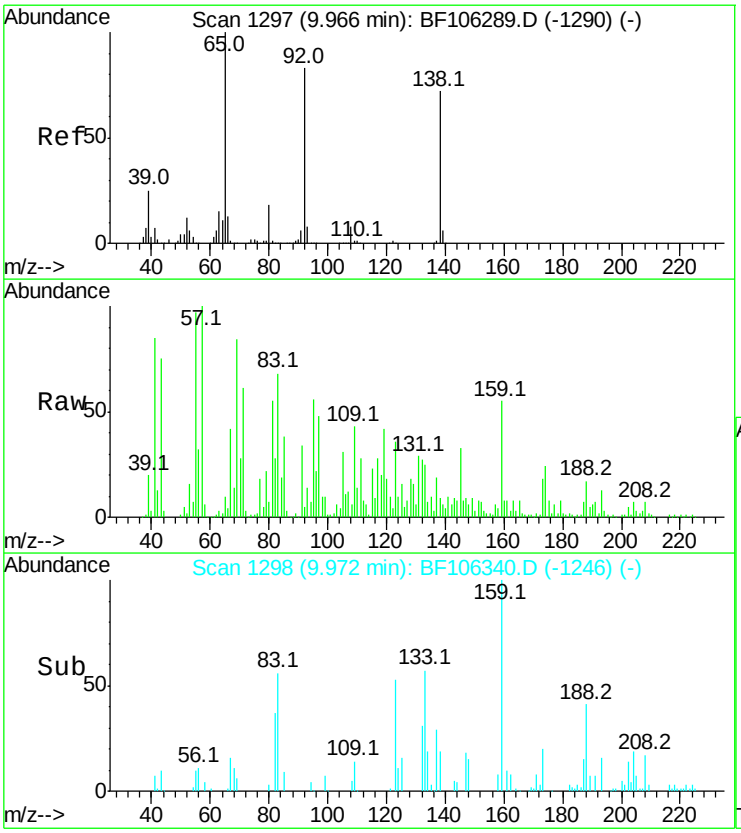
#51
Acenaphthene
Concen: 6.879 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 107321

Ion	Ratio	Lower	Upper
154	100		
153	156.1	91.2	136.8#
152	115.1	43.8	65.8#

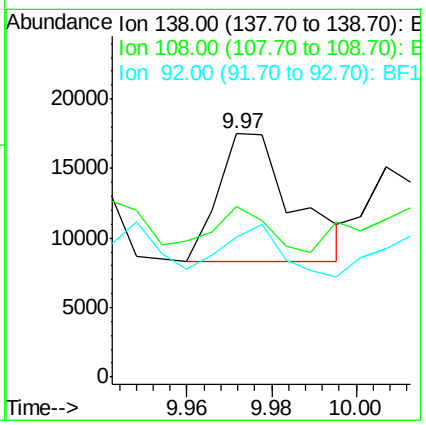


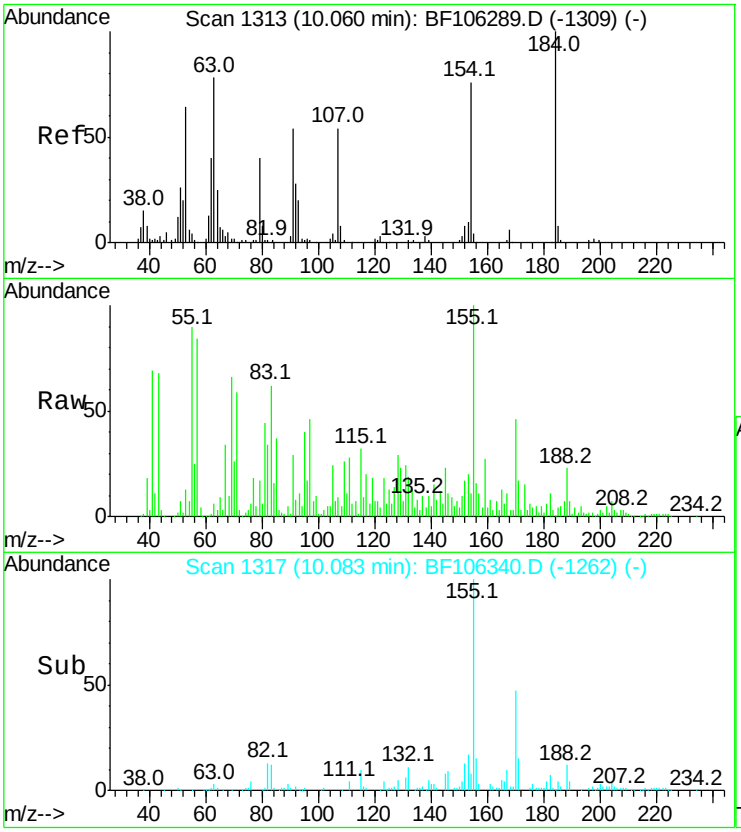


#52
3-Nitroaniline
Concen: 2.584 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:138 Resp: 11396

Ion	Ratio	Lower	Upper
138	100		
108	70.2	9.4	14.0#
92	57.4	89.4	134.2#



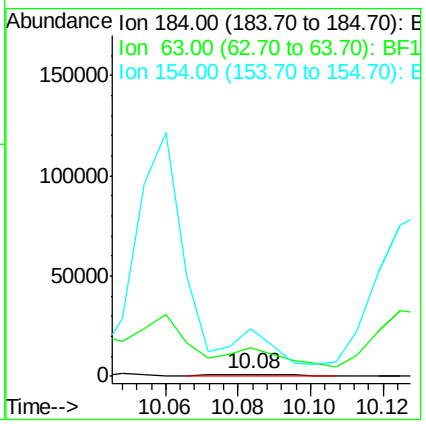


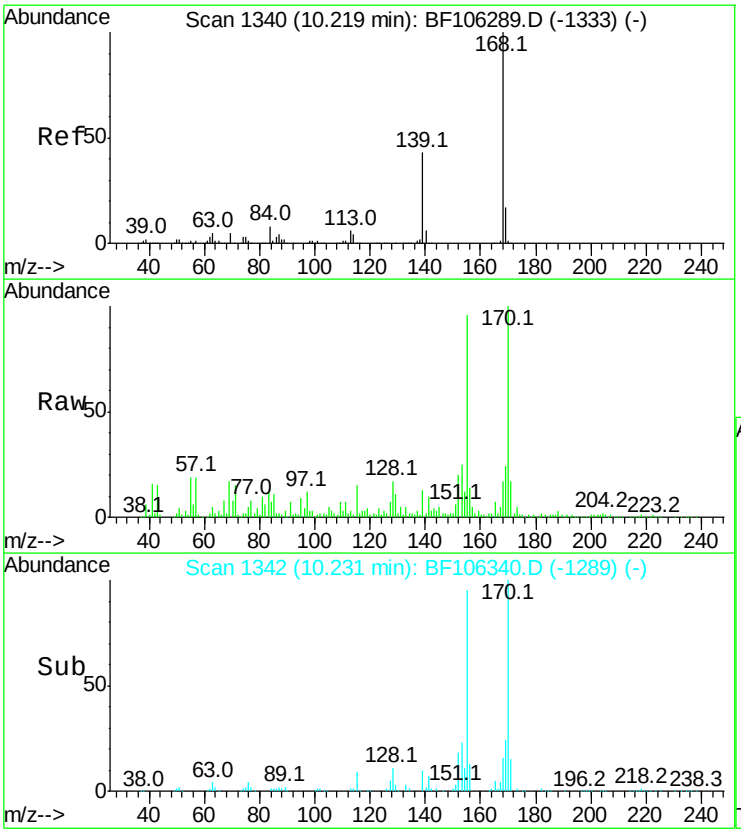
#53
2,4-Dinitrophenol
Concen: 9.514 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1721

Ion	Ratio	Lower	Upper
184	100		
63	1293.4	54.2	81.2#
154	2168.4	184.0	276.0#

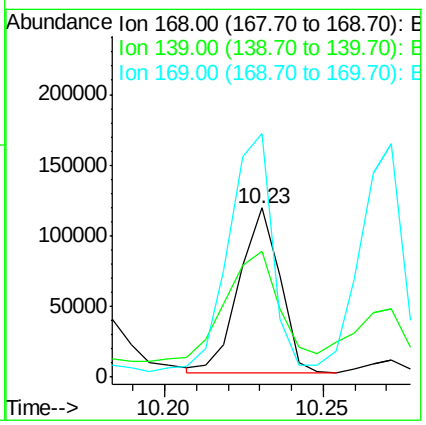


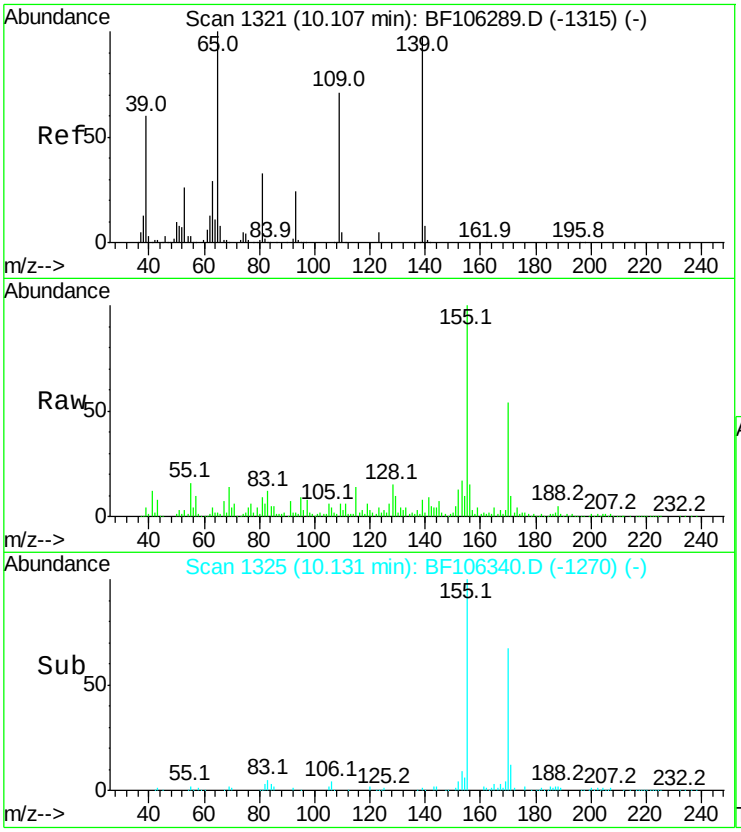


#54
Dibenzofuran
Concen: 4.885 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:168 Resp: 102635

Ion	Ratio	Lower	Upper
168	100		
139	74.4	30.1	45.1#
169	144.1	10.9	16.3#



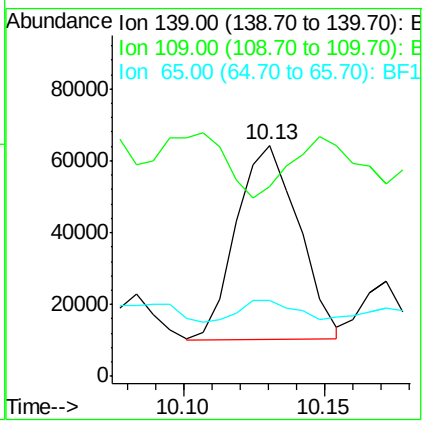


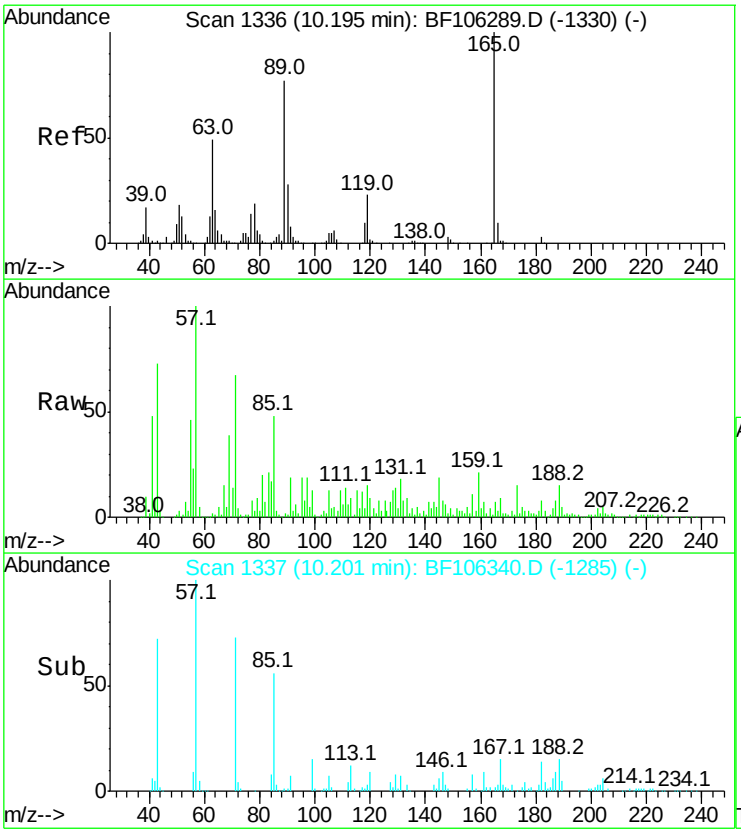
#55
4-Nitrophenol
Concen: 24.486 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 82776

Ion	Ratio	Lower	Upper
139	100		
109	81.9	48.4	88.4
65	32.6	72.6	112.6#

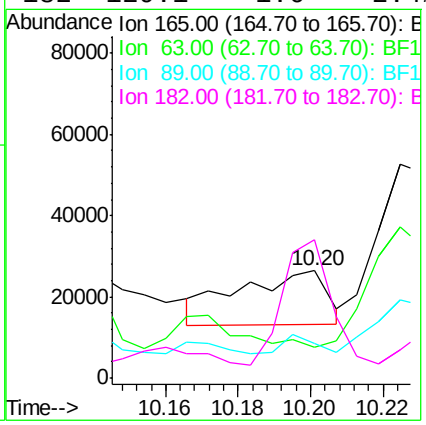


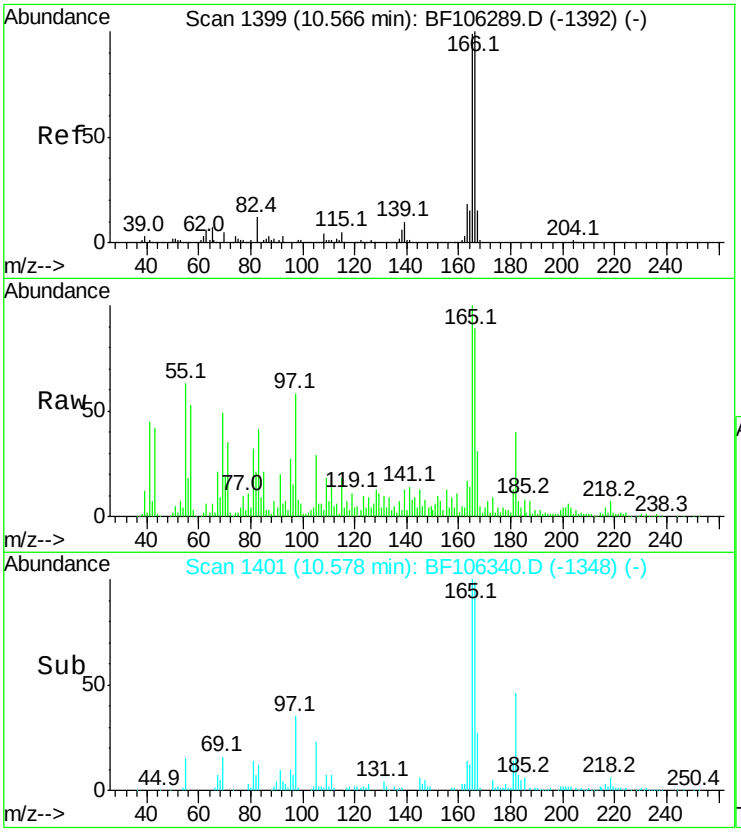


#56
2,4-Dinitrotoluene
Concen: 4.746 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:165 Resp: 22145

Ion	Ratio	Lower	Upper
165	100		
63	28.9	36.4	54.6#
89	32.2	57.8	86.6#
182	129.1	1.6	2.4#



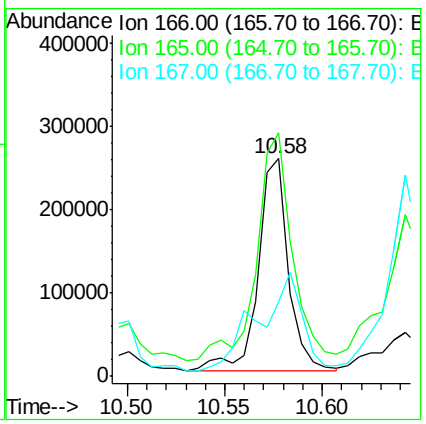


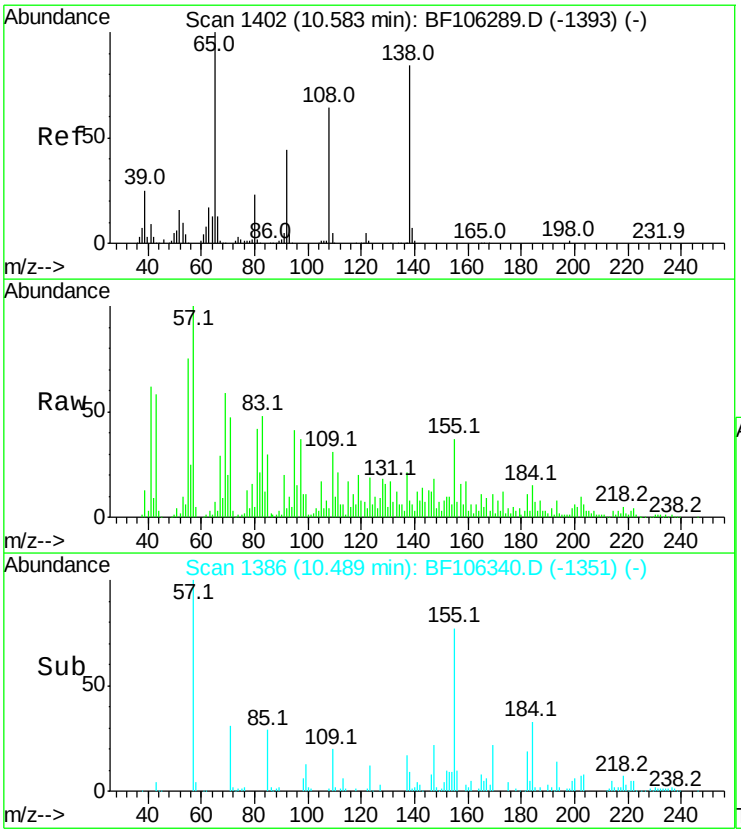
#57
Fluorene
Concen: 16.454 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 273884

Ion	Ratio	Lower	Upper
166	100		
165	111.9	79.8	119.8
167	34.1	10.6	16.0#

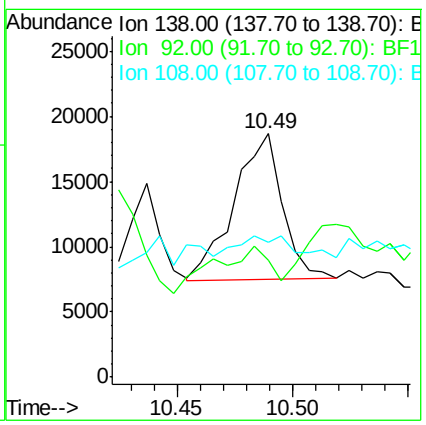


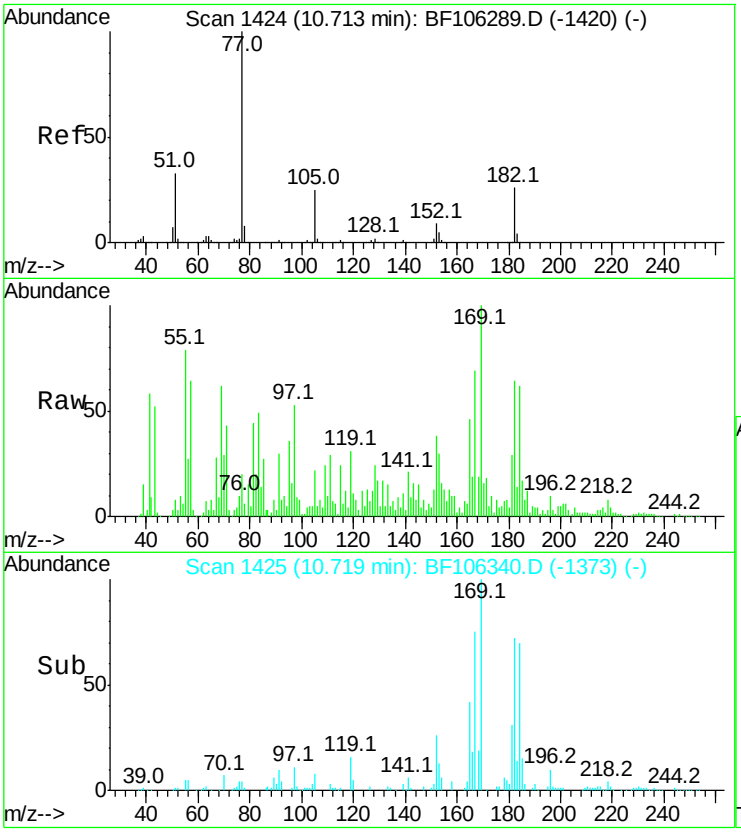


#61
4-Nitroaniline
Concen: 3.822 ng
RT: 10.49 min Scan# 1386
Delta R.T. -0.09 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:138 Resp: 16402

Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	55.3	52.5	92.5



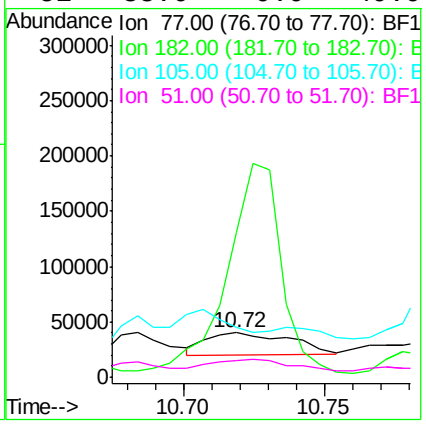


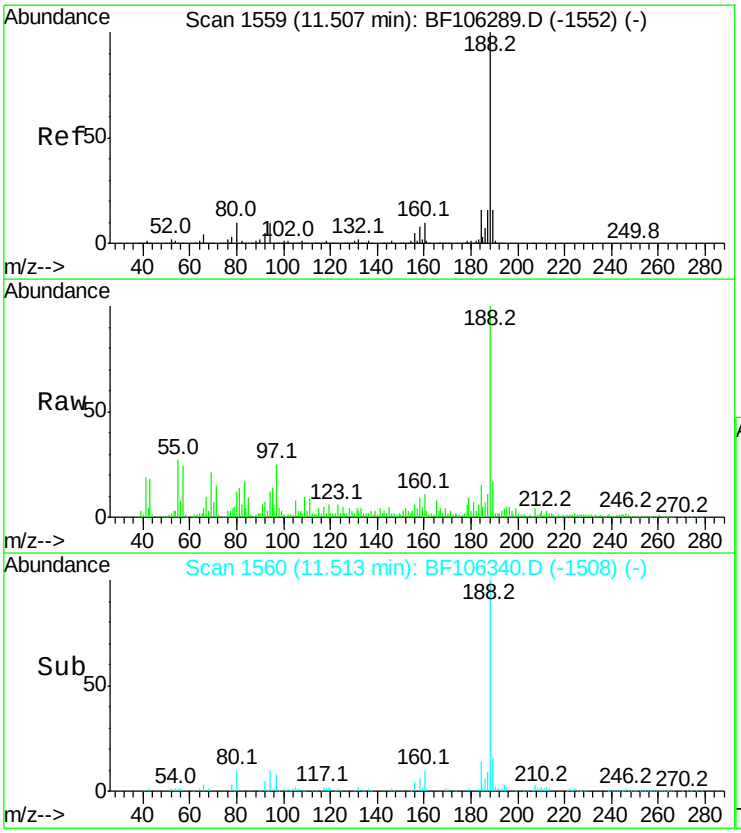
#62
Azobenzene
Concen: 2.196 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 41350

Ion	Ratio	Lower	Upper
77	100		
182	325.4	1.7	41.7#
105	112.0	3.0	43.0#
51	38.6	9.9	49.9

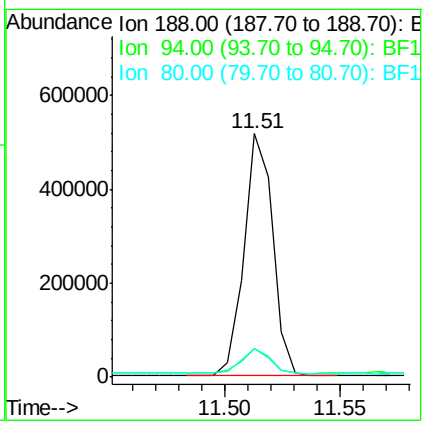


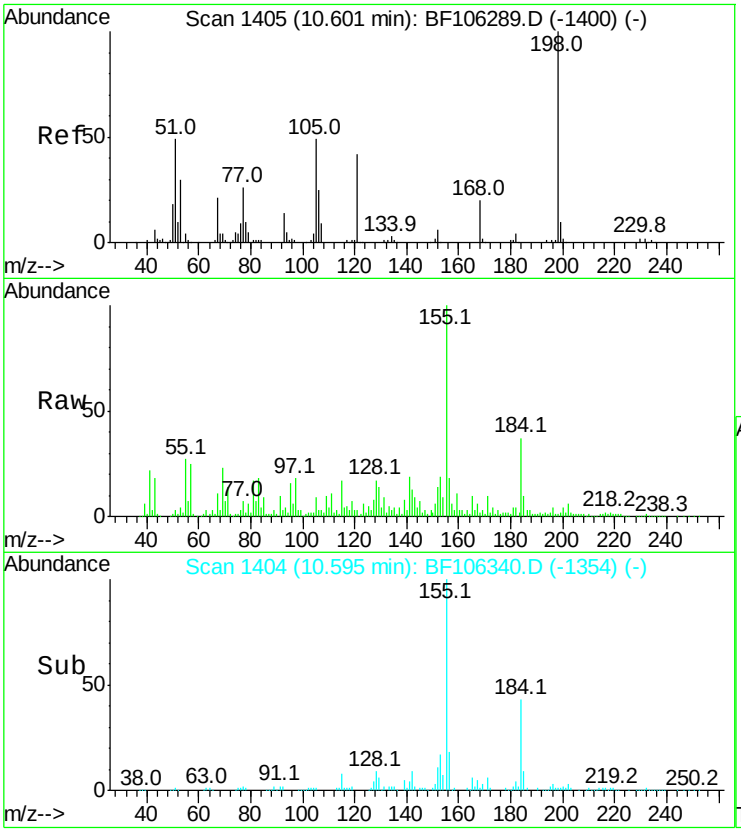


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:188 Resp: 449597

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	11.9	9.2	13.8



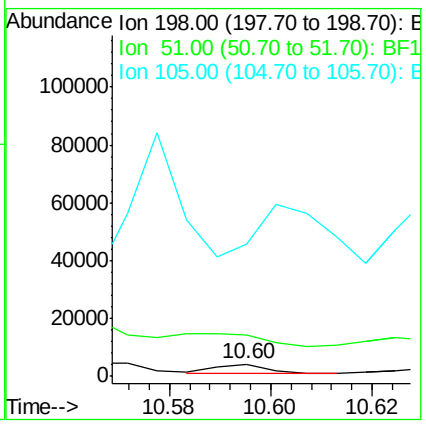


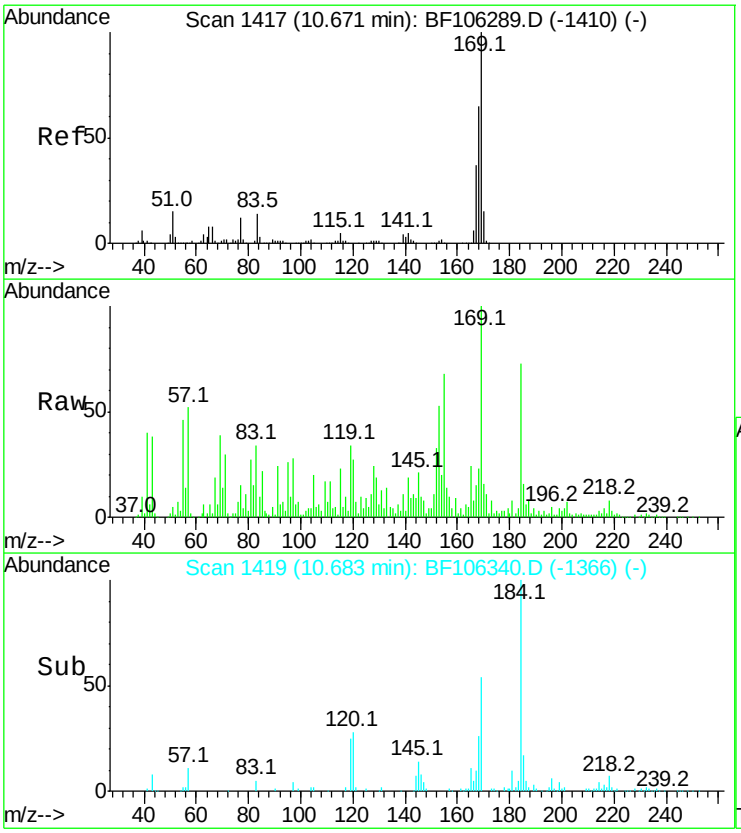
#64
4,6-Dinitro-2-methylphenol
Concen: 7.099 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 2244

Ion	Ratio	Lower	Upper
198	100		
51	340.2	37.7	77.7#
105	1097.9	36.3	76.3#

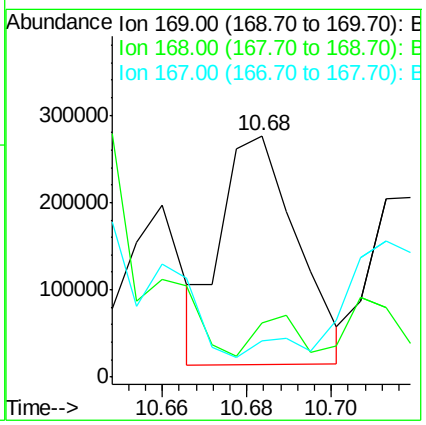


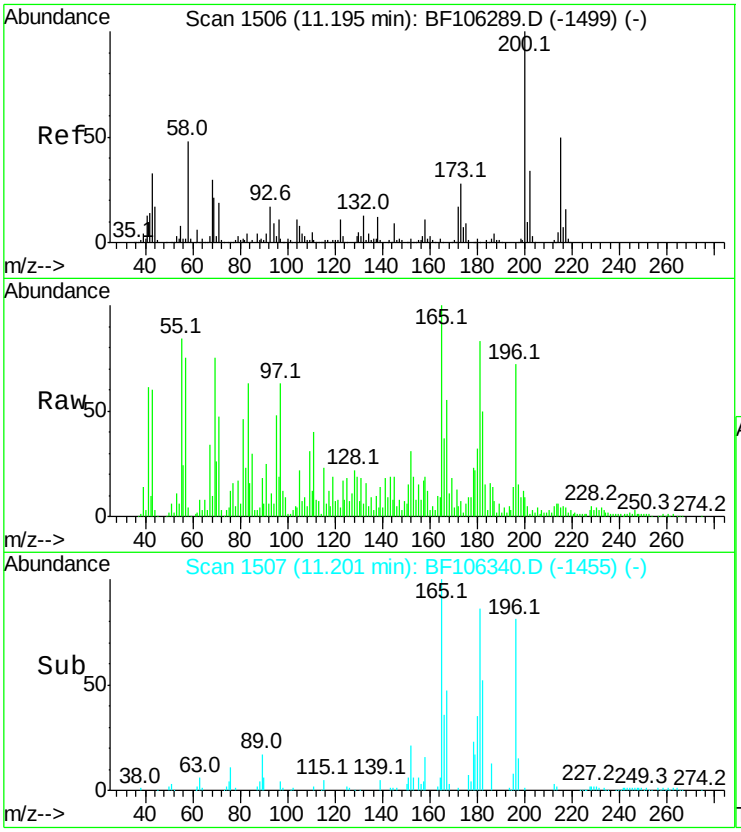


#65
n-Nitrosodiphenylamine
Concen: 21.566 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:169 Resp: 325871

Ion	Ratio	Lower	Upper
169	100		
168	22.6	54.4	81.6#
167	15.2	29.8	44.6#



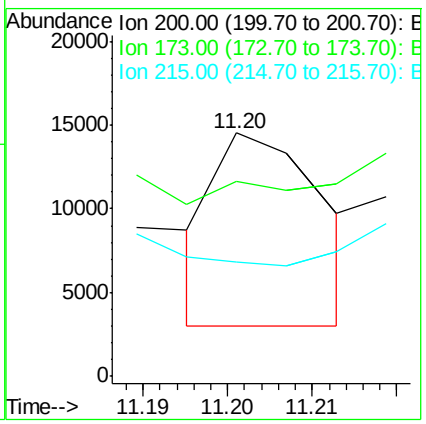


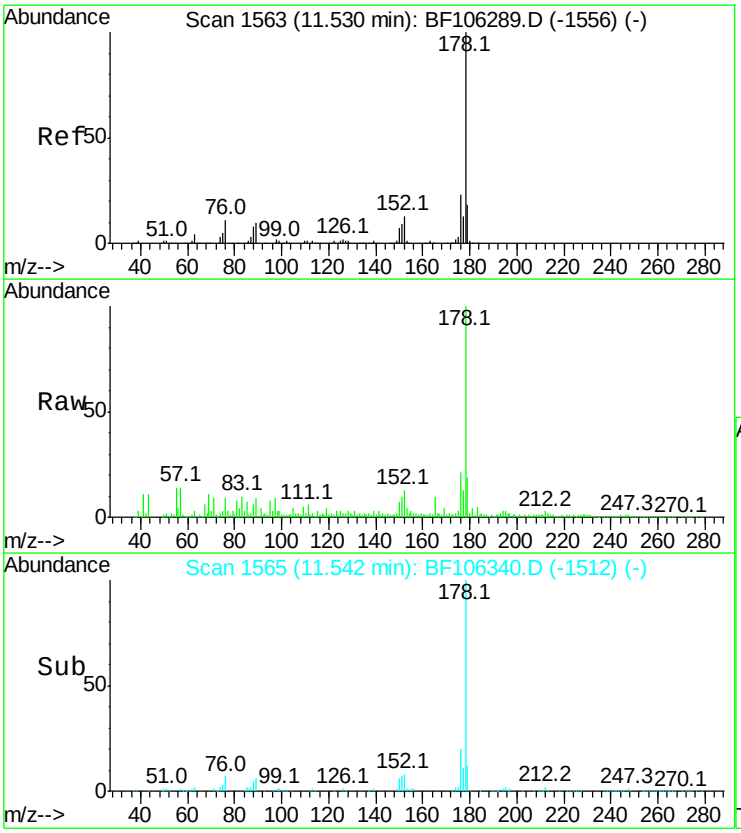
#68
Atrazine
Concen: 2.158 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 10051

Ion	Ratio	Lower	Upper
200	100		
173	80.2	8.6	48.6#
215	46.9	25.1	65.1

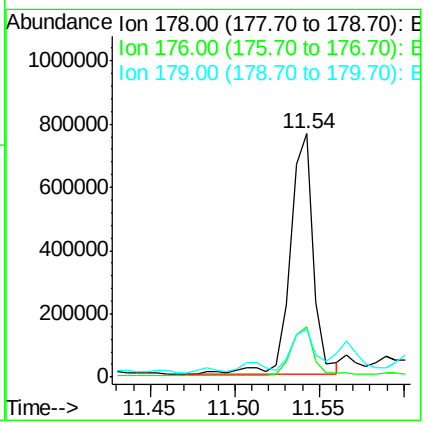


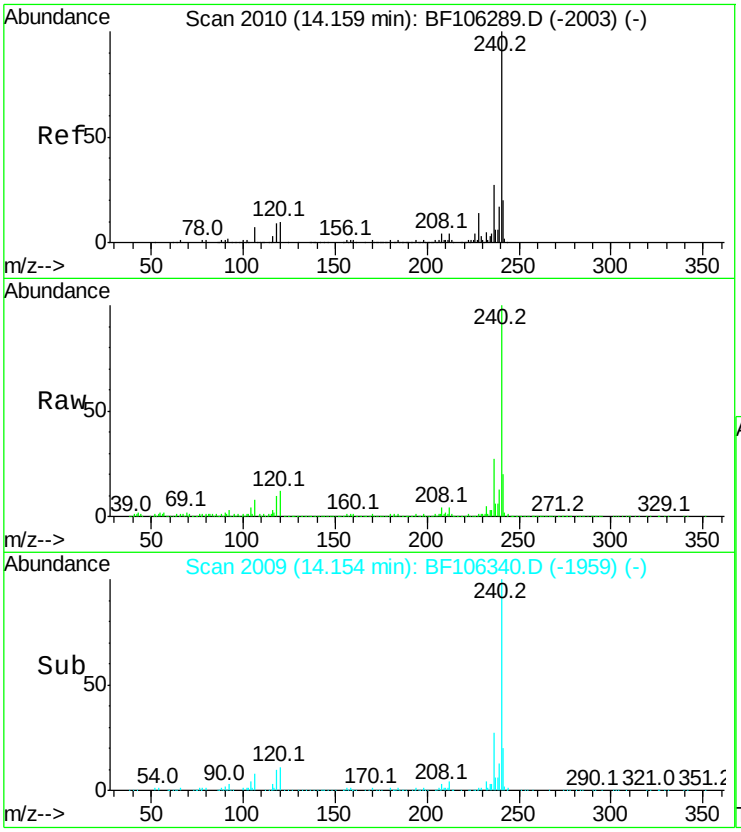


#70
Phenanthrene
Concen: 33.432 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:178 Resp: 736119

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	19.4	13.0	19.6



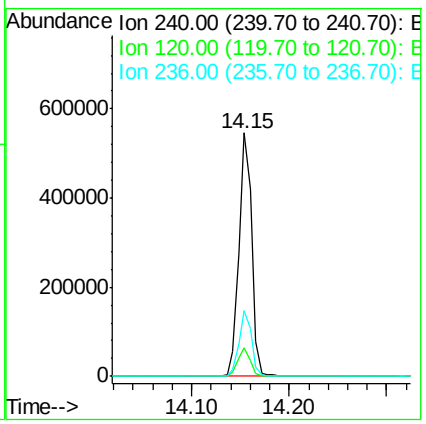


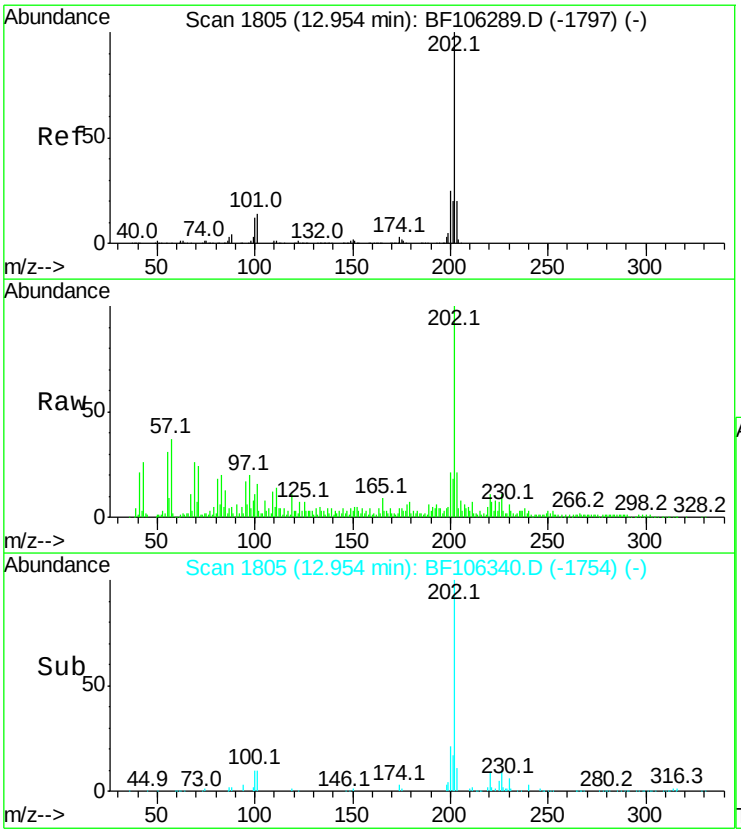
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 498110

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	27.0	20.7	31.1

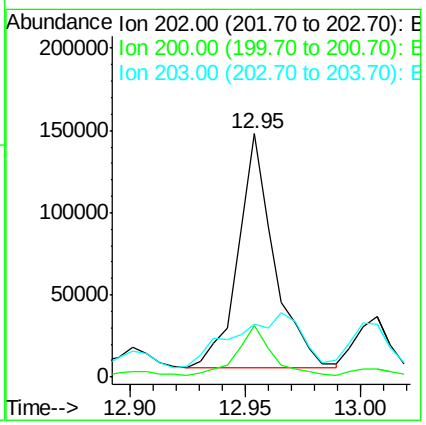


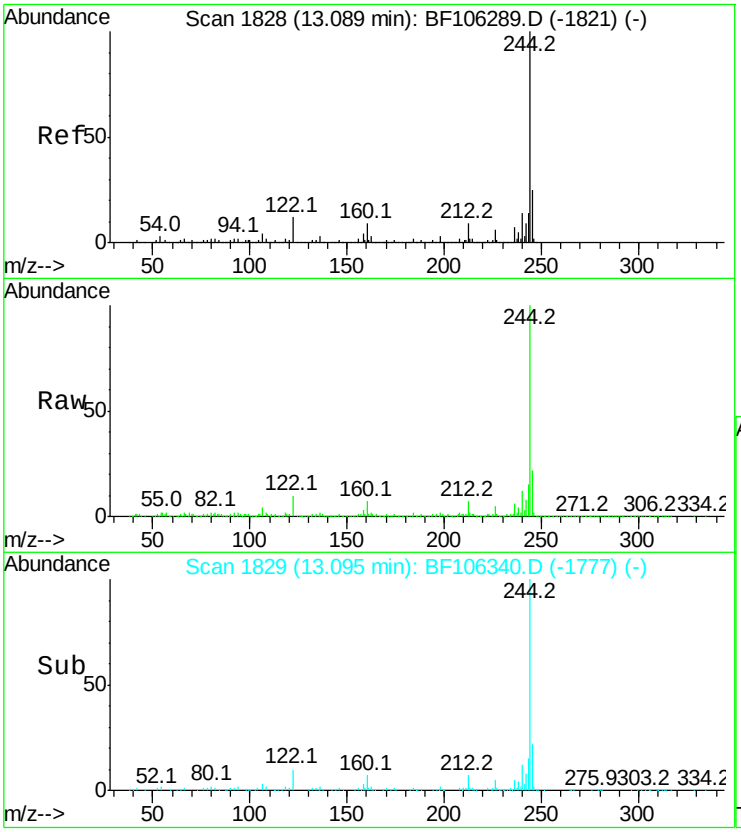


#77
Pyrene
Concen: 4.991 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:202 Resp: 155650

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	21.5	14.3	21.5#



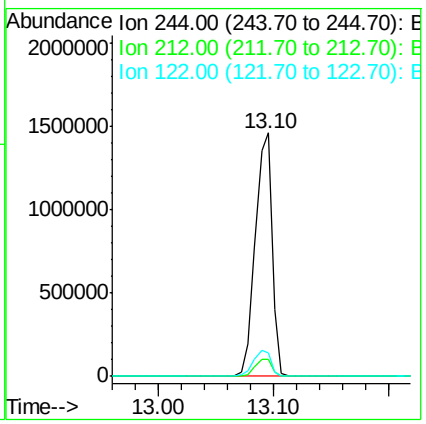


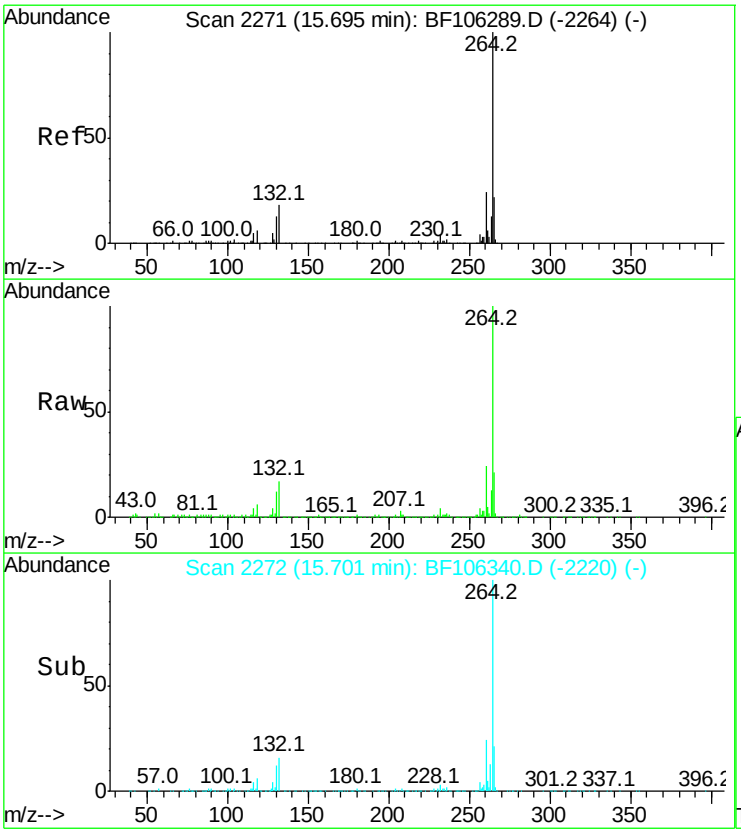
#78
Terphenyl-d14
Concen: 74.792 ng
RT: 13.10 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1499907

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:264 Resp: 517576

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3