Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
Data File : BF101852.D
Acq On : 2 Jan 2018 15:44
Operator : SJ/JU
Sample : I7023-09 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 02 16:49:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	132321	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	454030	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	197332	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	320413	20.00	ng		0.00
75) Chrysene-d12	13.96	240	292017	20.00	ng		-0.01
86) Perylene-d12	15.43	264	306044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	301631	33.96	ng		0.00
7) Phenol-d6	6.43	99	381970	34.55	ng		0.00
23) Nitrobenzene-d5	7.35	82	195233	23.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	43688	22.98	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	345180	27.13	ng		0.00
78) Terphenyl-d14	12.89	244	282876	23.35	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	7.30	117	66321	17.712	ng	#	1
19) n-Nitroso-di-n-propylamine	7.19	70	18180	2.504	ng	#	66
25) Isophorone	7.57	82	44611	2.726	ng	#	1
31) Naphthalene	8.09	128	514301	22.500	ng		98
32) Benzoic acid	7.91	122	960	8.141	ng	#	1
35) Caprolactam	8.50	113	9069	4.013	ng	#	1
37) 2-Methylnaphthalene	8.79	142	1056676	70.955	ng		99
45) 1,1'-Biphenyl	9.24	154	153999	8.800	ng		100
47) 2-Nitroaniline	9.41	65	11980	2.590	ng	#	35
51) Acenaphthene	9.86	154	42180	3.319	ng	#	40
53) 2,4-Dinitrophenol	10.00	184	1448	11.443	ng	#	1
54) Dibenzofuran	10.03	168	56789	3.517	ng	#	67
55) 4-Nitrophenol	9.96	139	6532	3.725	ng	#	19
56) 2,4-Dinitrotoluene	10.02	165	19471	5.357	ng	#	51
57) Fluorene	10.37	166	100908	7.387	ng	#	81
65) n-Nitrosodiphenylamine	10.47	169	152962	12.929	ng	#	37
69) Pentachlorophenol	11.13	266	576	6.914	ng	#	44
70) Phenanthrene	11.34	178	252833	14.189	ng		98
71) Anthracene	11.34	178	252586	13.877	ng		97

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

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ALS Vial : 12 Sample Multiplier: 1

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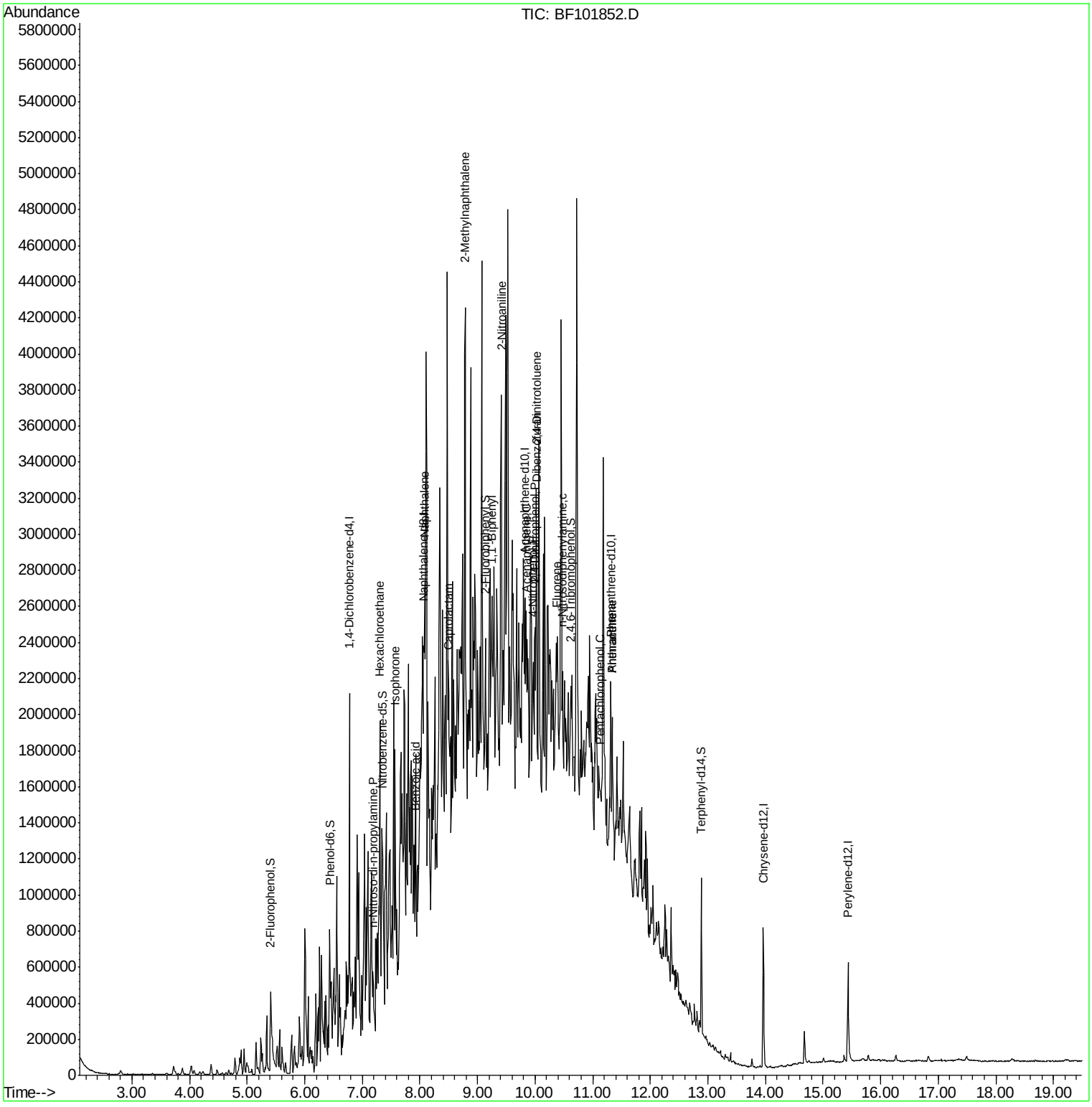
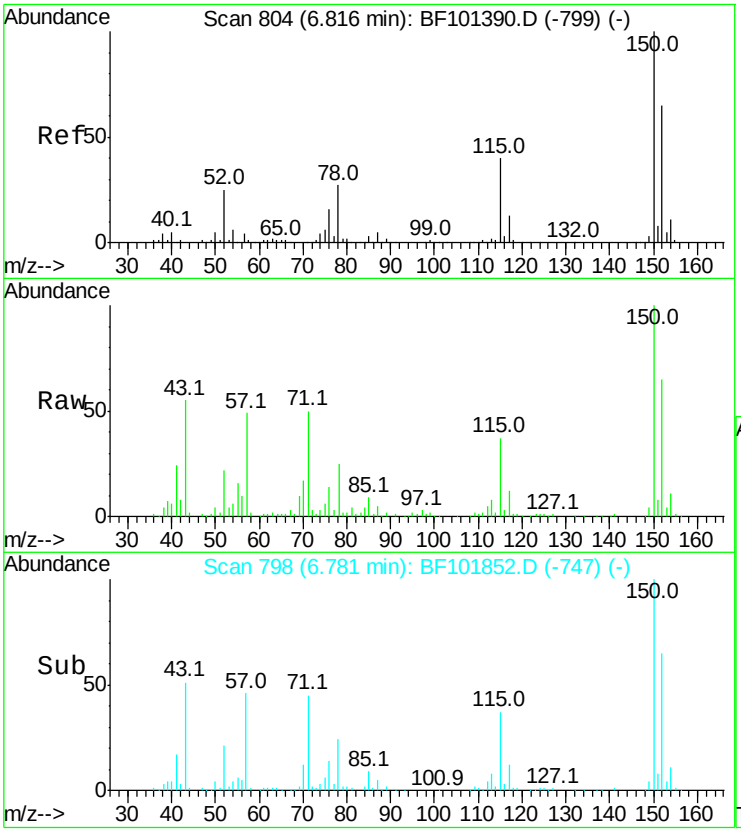


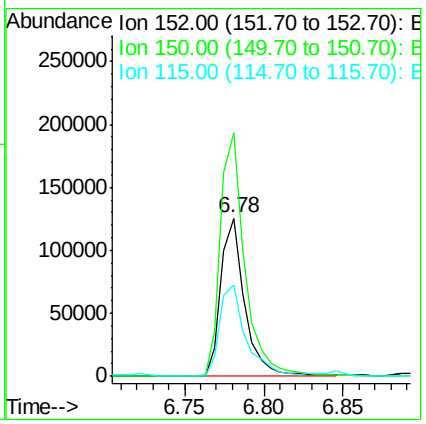


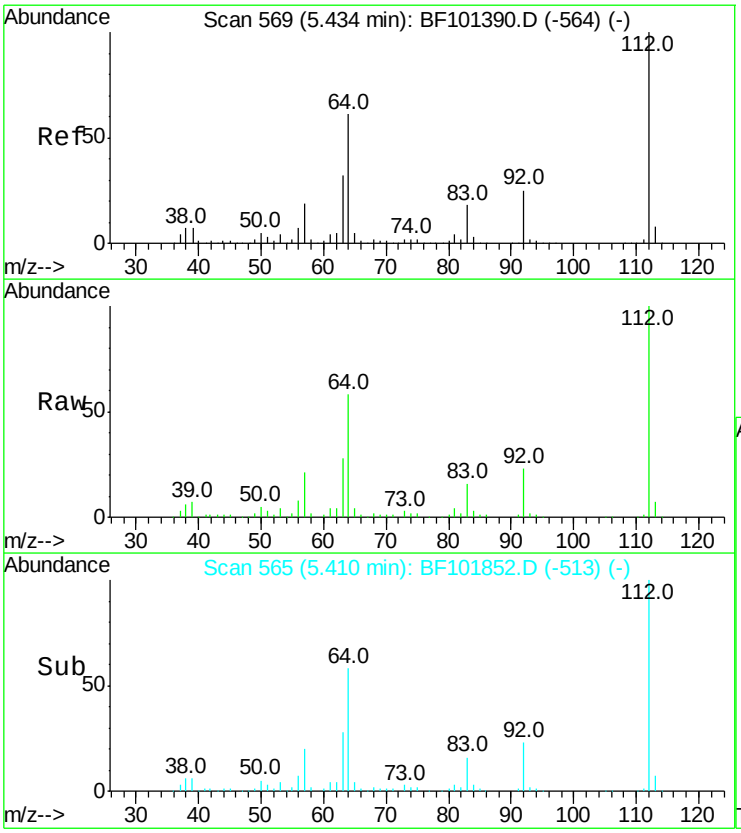
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132321

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	57.6	50.1	75.1

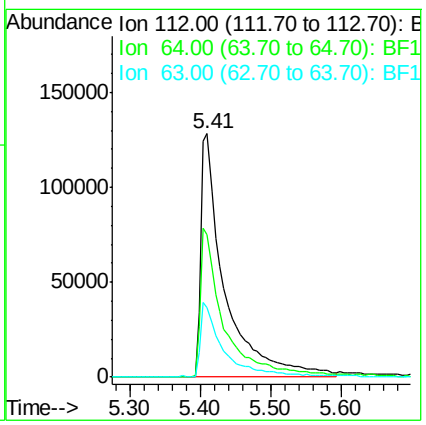


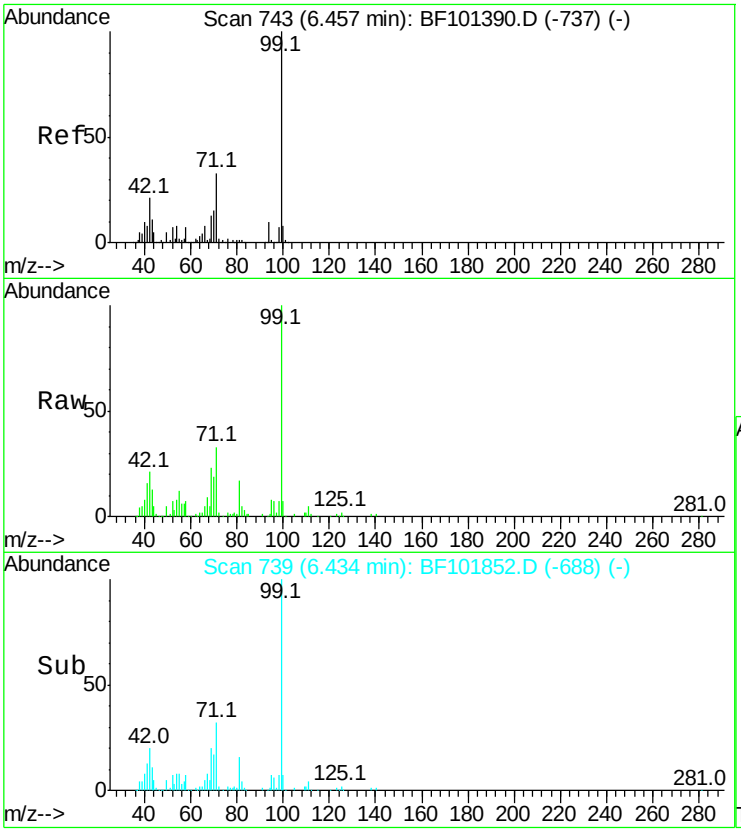


#5
2-Fluorophenol
Concen: 33.956 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:112 Resp: 301631

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	28.3	23.7	35.5



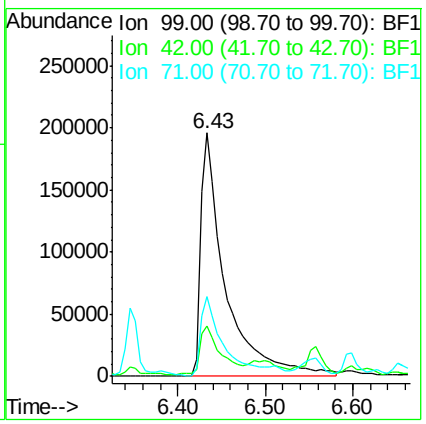


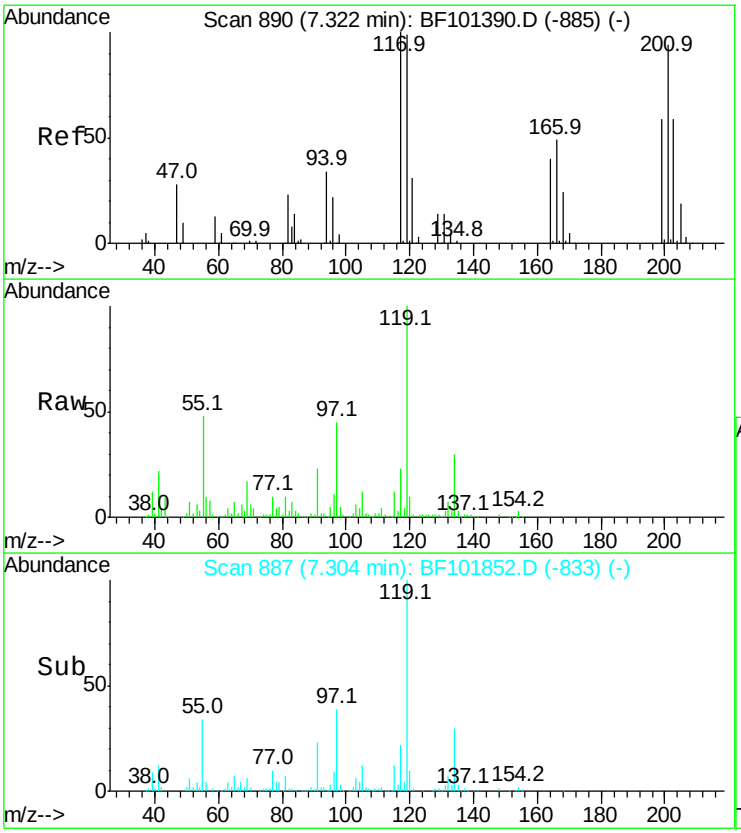
#7
Phenol-d6
Concen: 34.551 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 381970

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	32.8	25.4	38.0

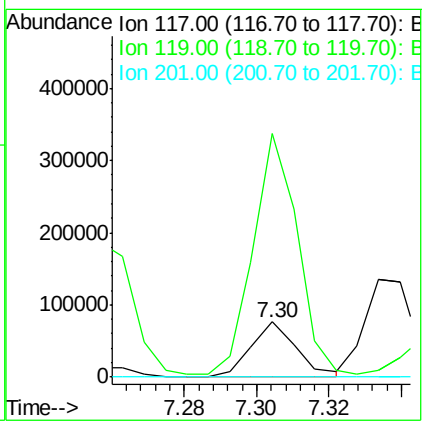


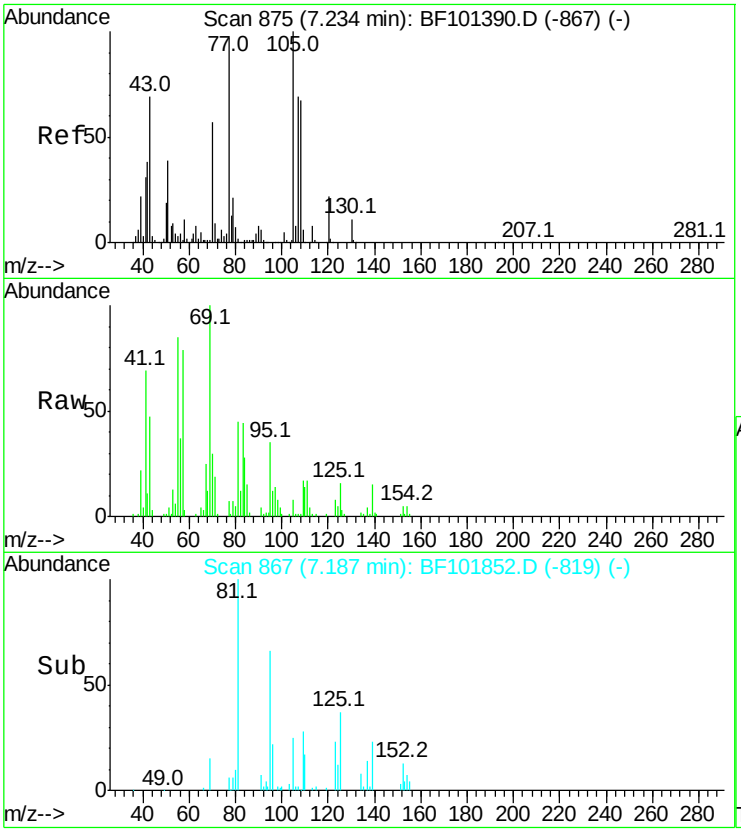


#18
Hexachloroethane
Concen: 17.712 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:117 Resp: 66321

Ion	Ratio	Lower	Upper
117	100		
119	440.2	75.8	113.8#
201	0.0	75.7	113.5#



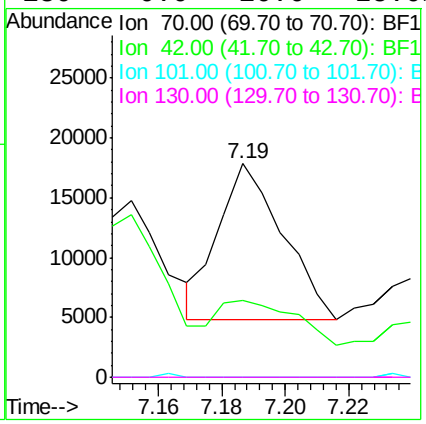


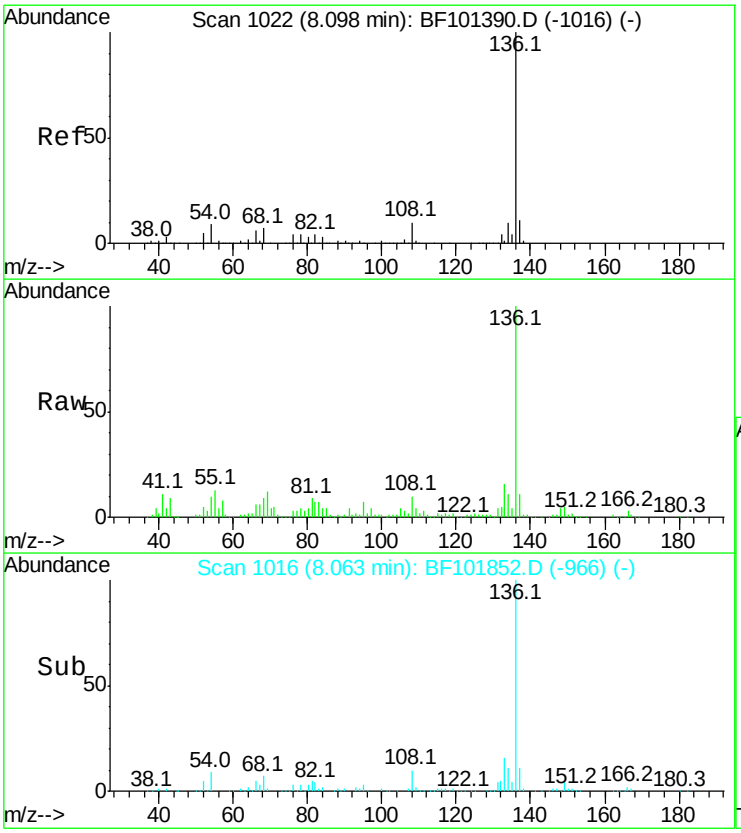
#19
n-Nitroso-di-n-propylamine
Concen: 2.504 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 18180

Ion	Ratio	Lower	Upper
70	100		
42	35.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

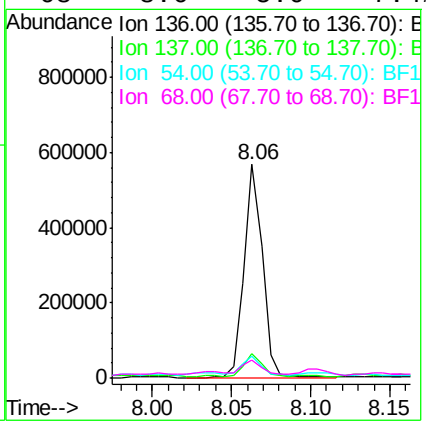


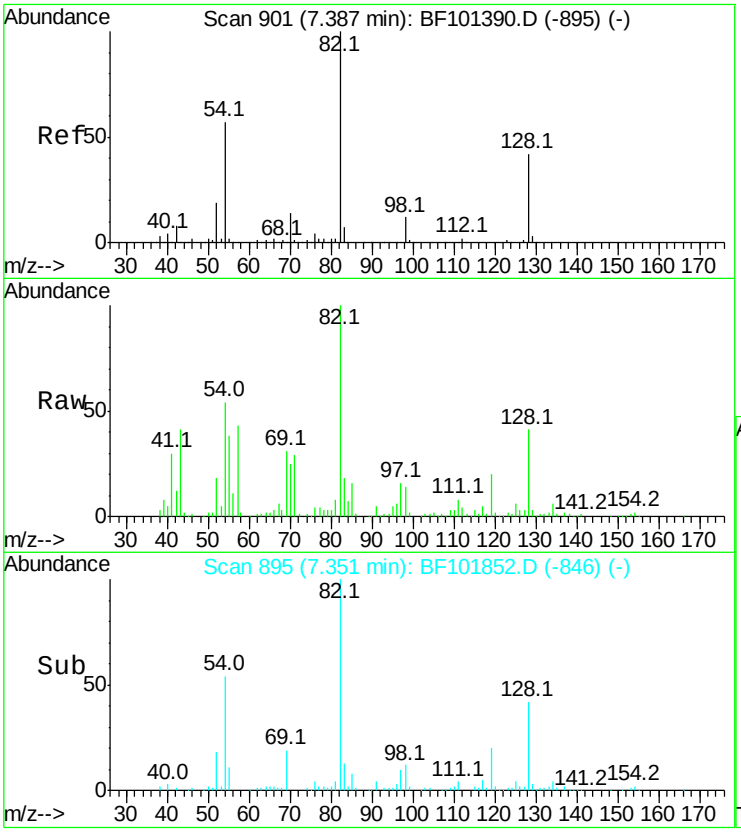


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:136 Resp: 454030

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.3	6.6	9.8#
68	8.6	5.0	7.4#



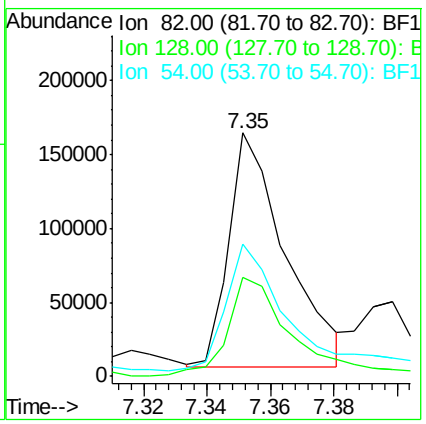


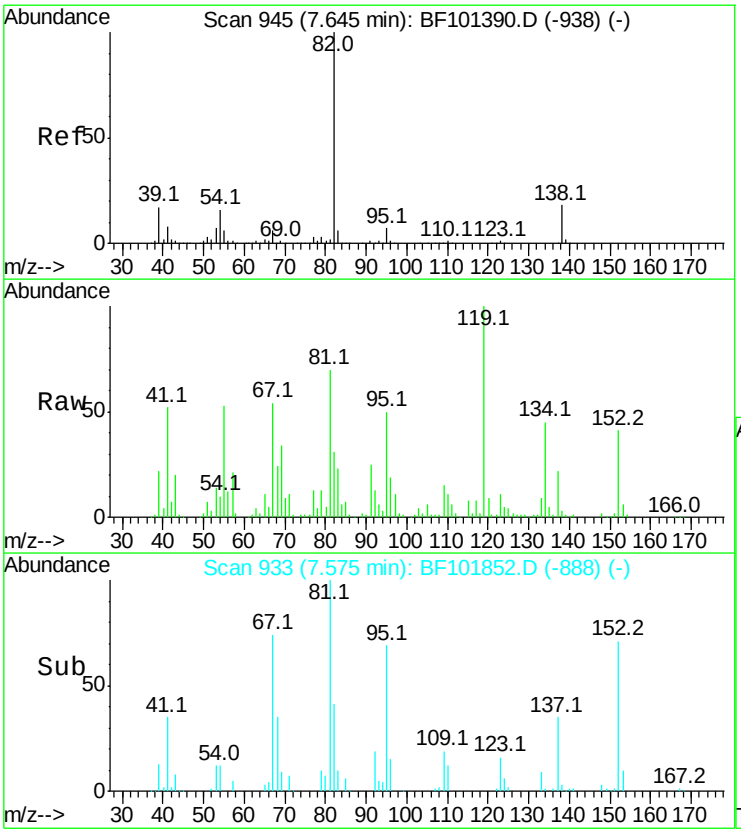
#23
Nitrobenzene-d5
Concen: 23.936 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 195233

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	54.1	41.4	62.2

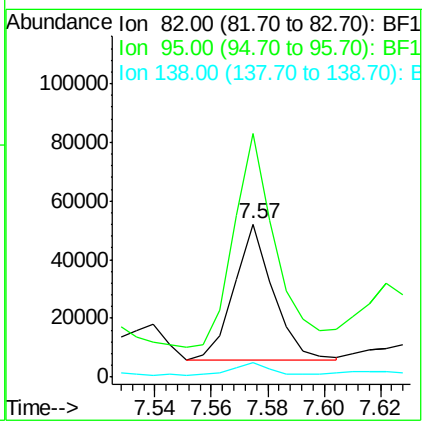


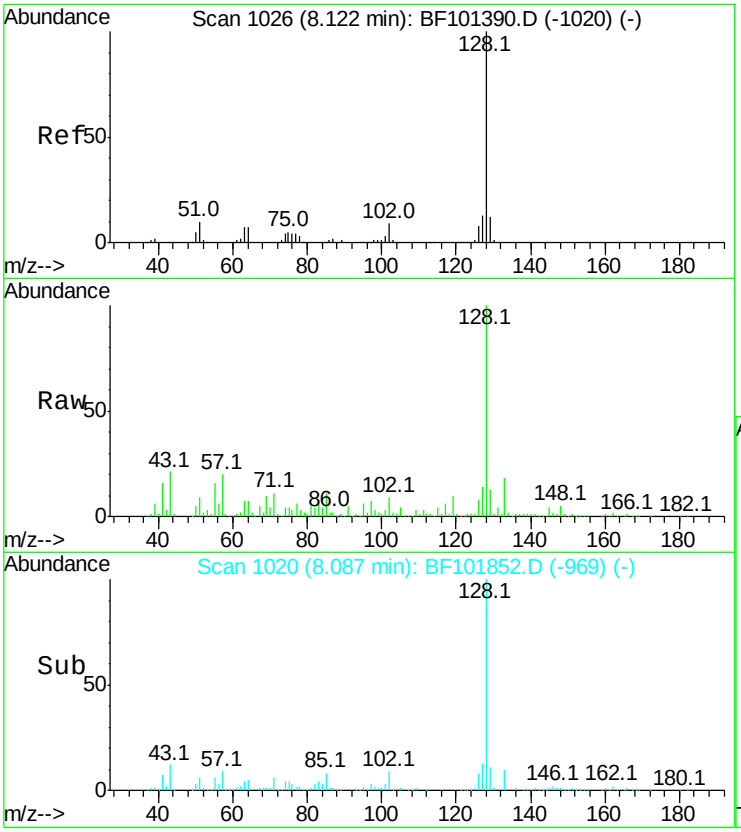


#25
Isophorone
Concen: 2.726 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.04 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion: 82 Resp: 44611

Ion	Ratio	Lower	Upper
82	100		
95	159.4	5.2	7.8#
138	9.7	14.9	22.3#



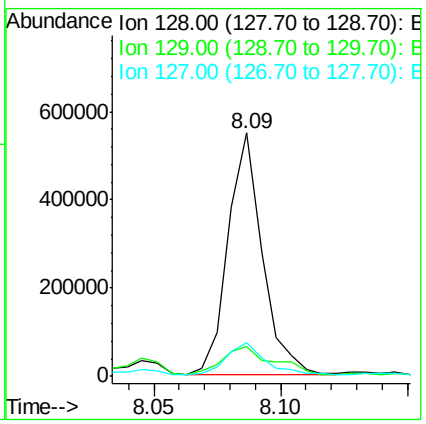


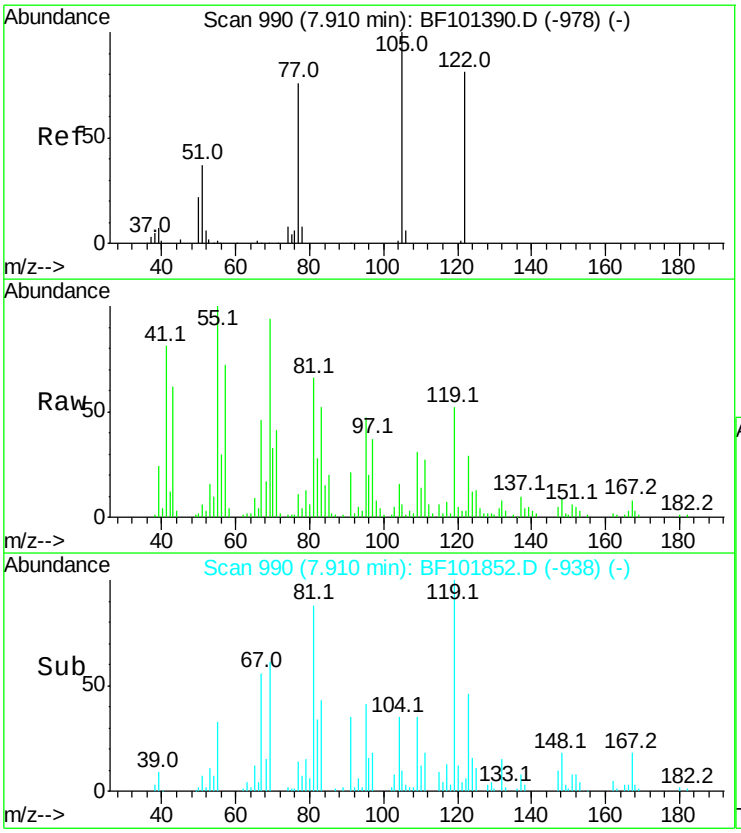
#31
Naphthalene
Concen: 22.500 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 514301

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	13.9	10.9	16.3

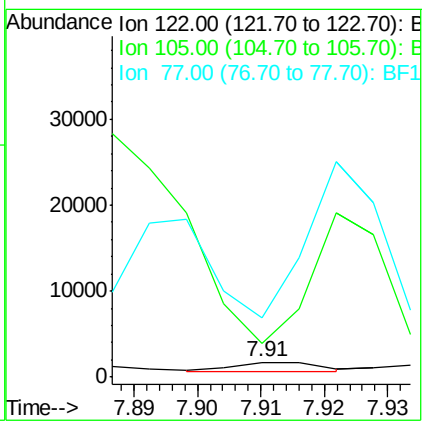


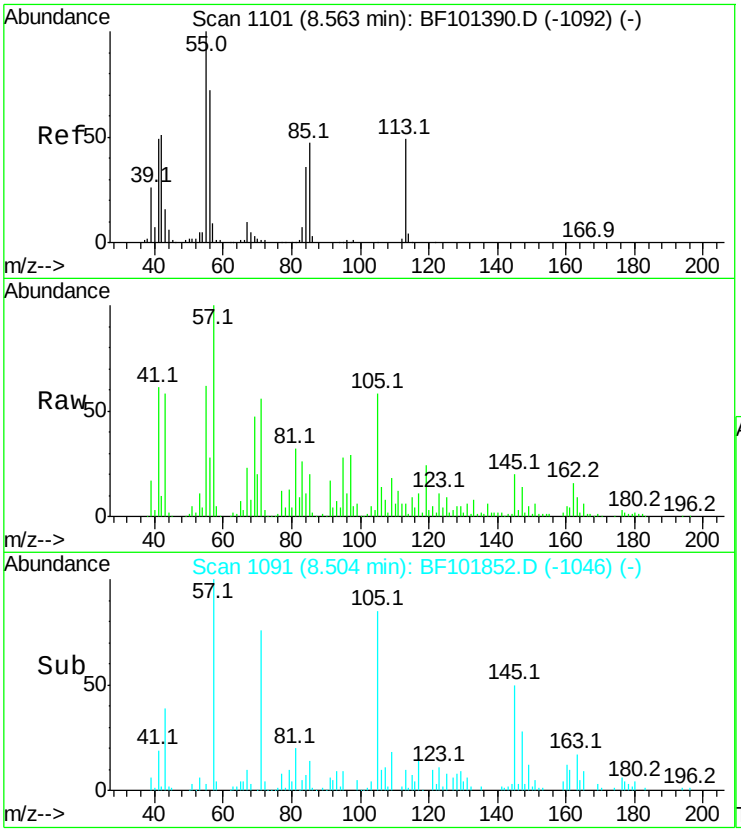


#32
Benzoic acid
Concen: 8.141 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:122 Resp: 960

Ion	Ratio	Lower	Upper
122	100		
105	229.1	101.1	141.1#
77	403.3	70.7	110.7#



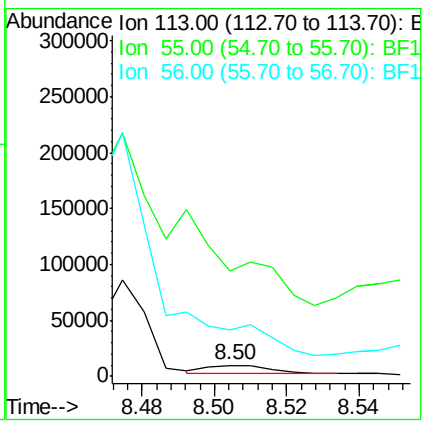


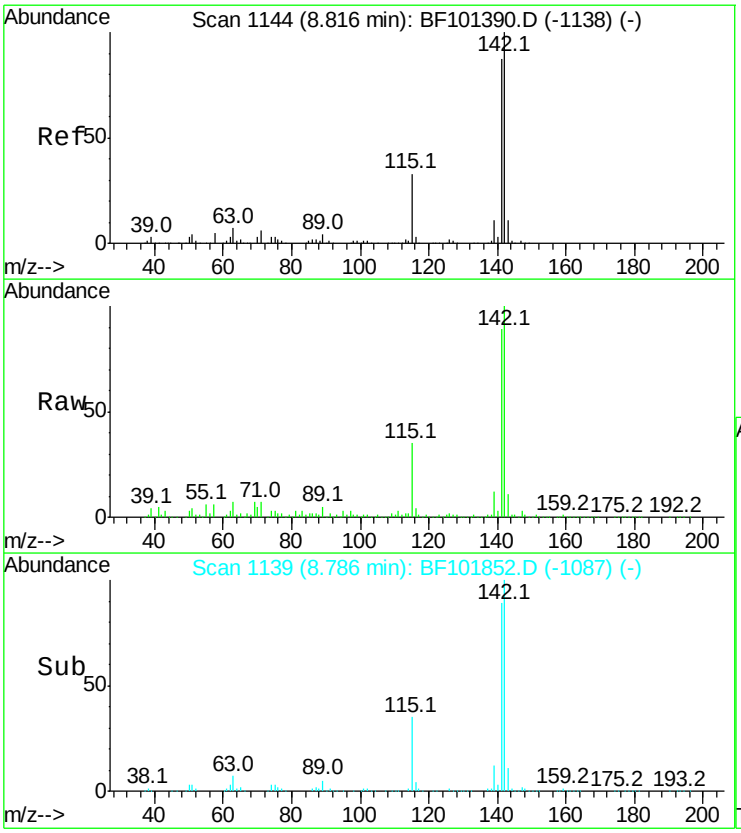
#35
Caprolactam
Concen: 4.013 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.04 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 9069

Ion	Ratio	Lower	Upper
113	100		
55	980.1	163.3	203.3#
56	435.7	115.7	155.7#

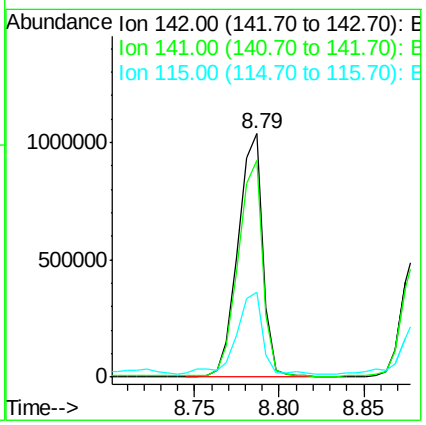


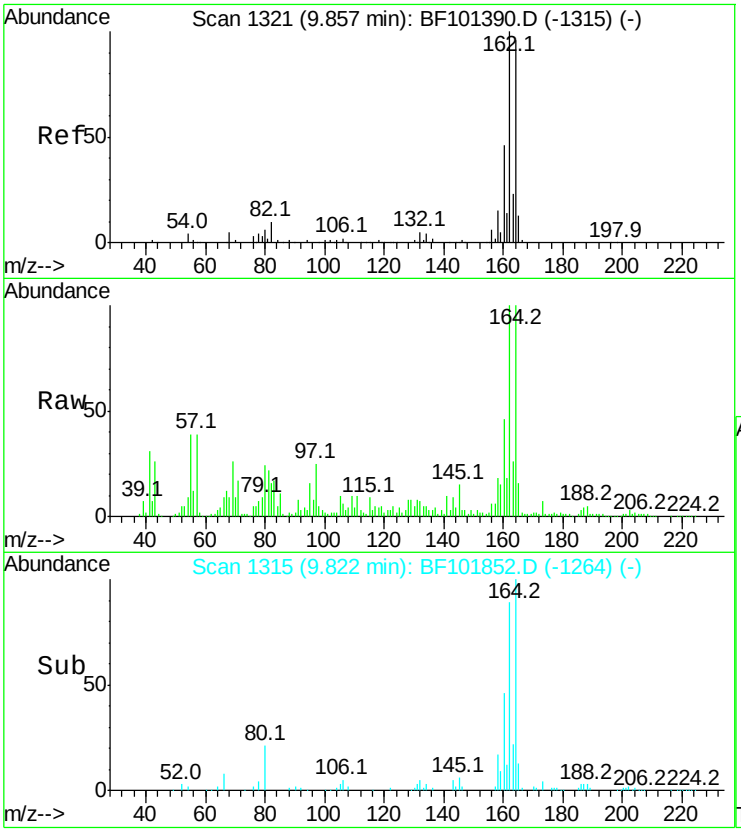


#37
2-Methylnaphthalene
Concen: 70.955 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:142 Resp: 1056676

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.9	26.1	39.1



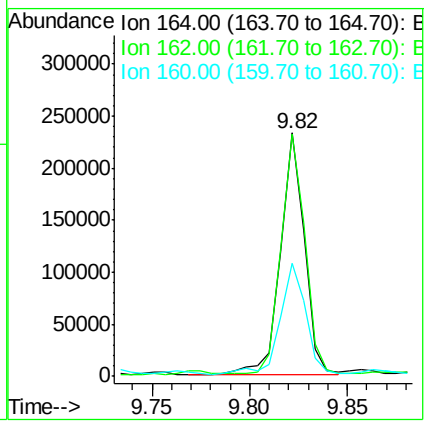


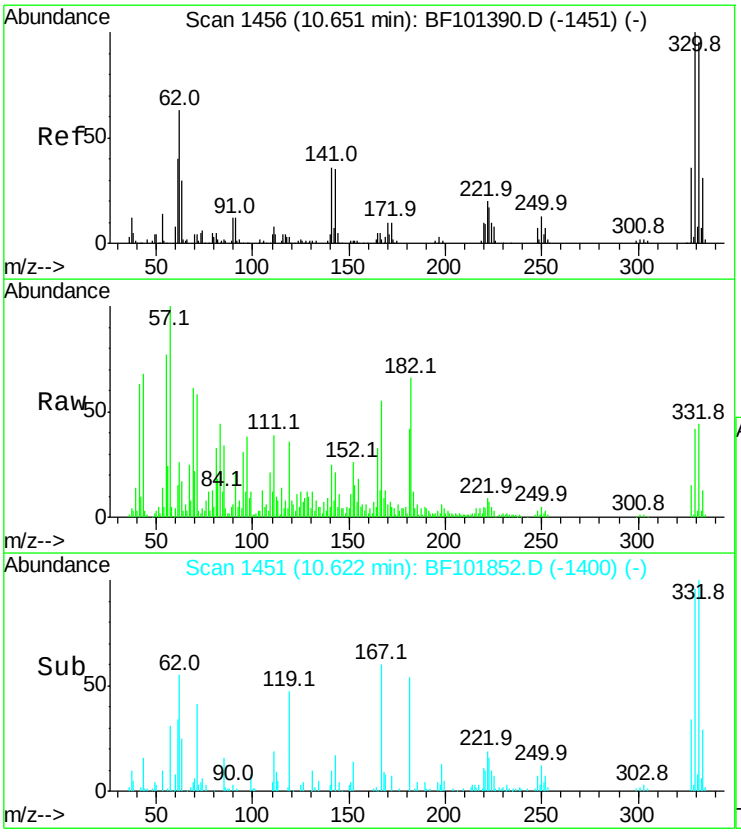
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 197332

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	46.5	38.3	57.5

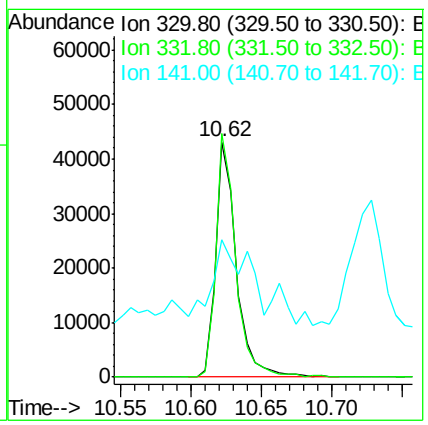


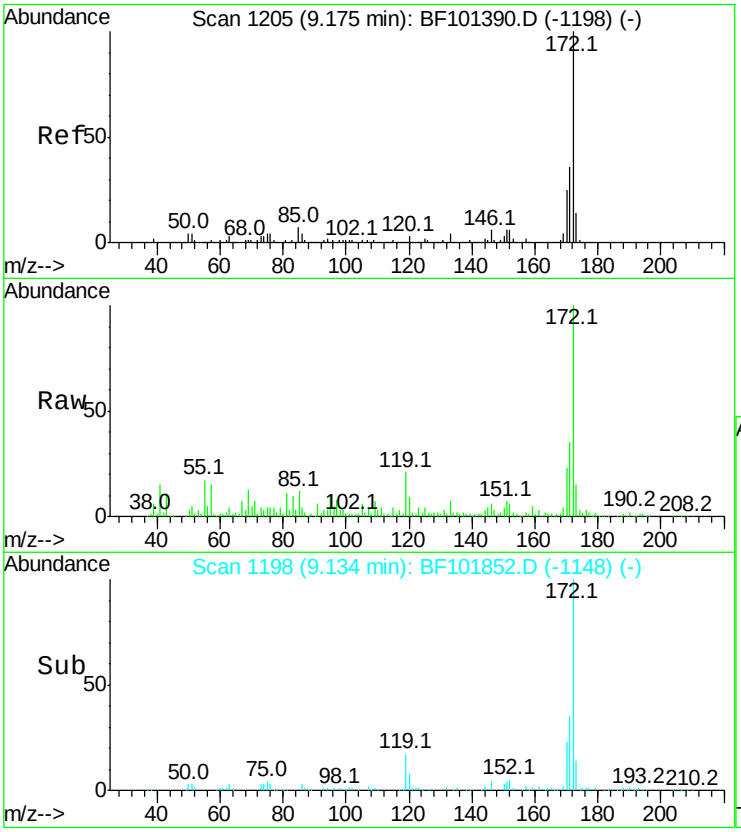


#41
2,4,6-Tribromophenol
Concen: 22.976 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:330 Resp: 43688

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	51.1	29.9	44.9#



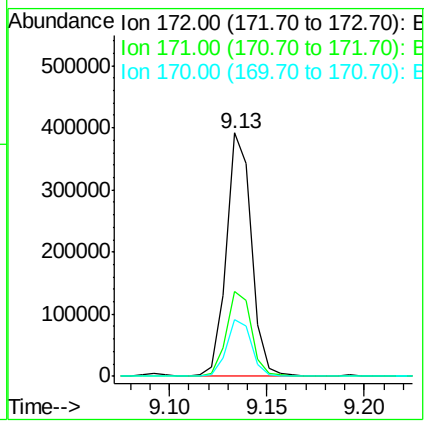


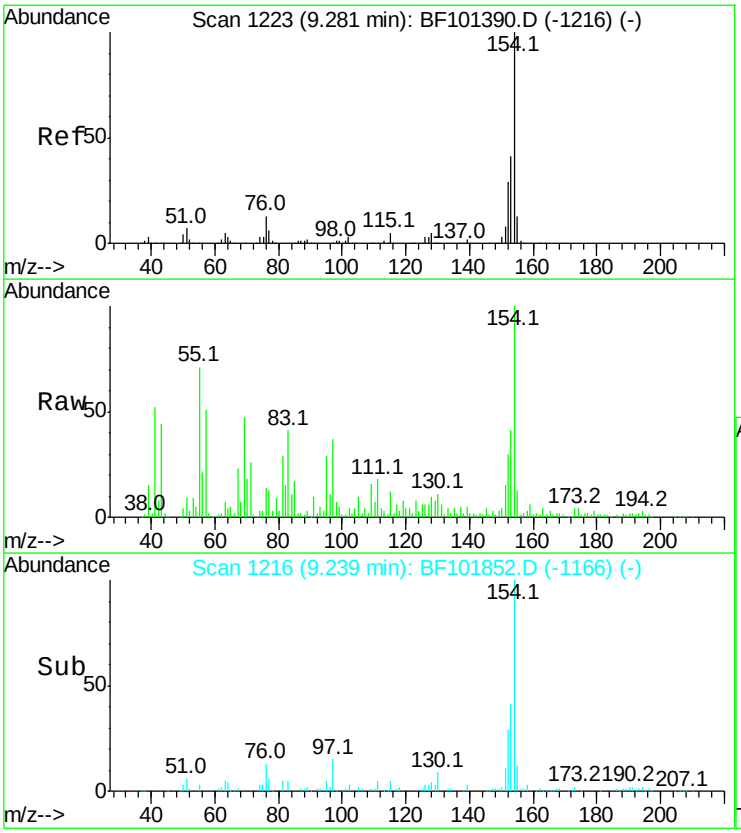
#44
2-Fluorobiphenyl
Concen: 27.135 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 345180

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4

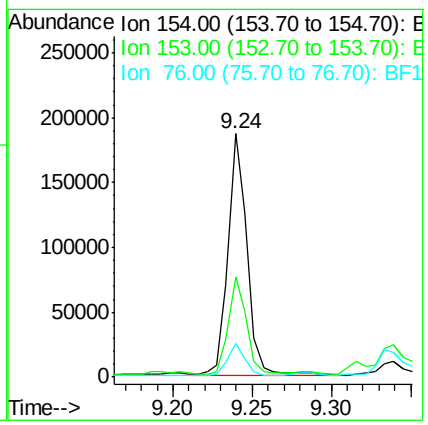


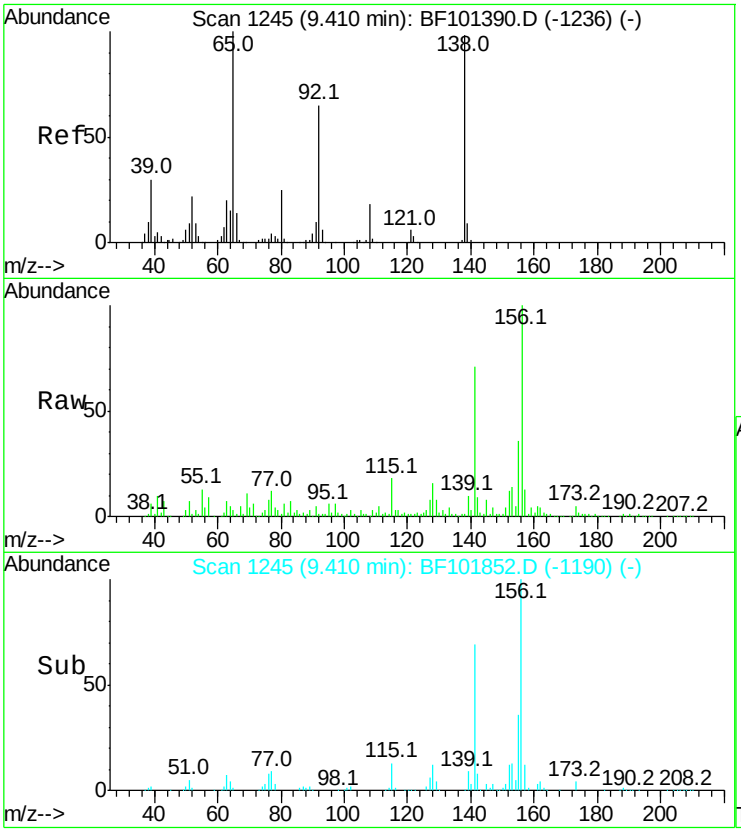


#45
1,1'-Biphenyl
Concen: 8.800 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:154 Resp: 153999

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.8	0.0	34.0



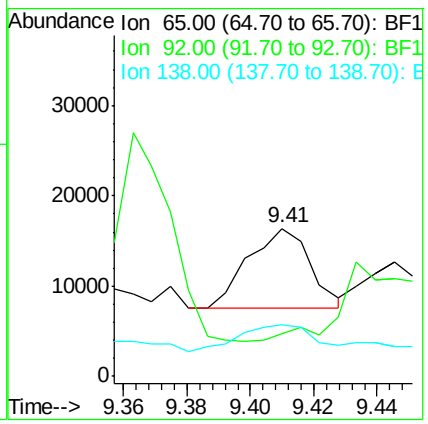


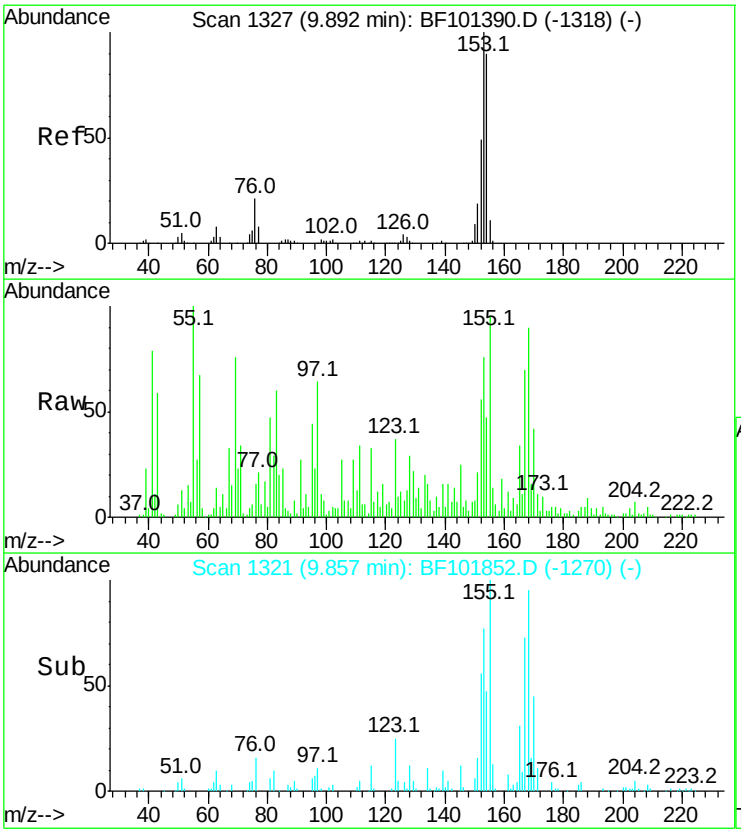
#47
2-Nitroaniline
Concen: 2.590 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.02 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 11980

Ion	Ratio	Lower	Upper
65	100		
92	28.9	55.8	83.6#
138	34.6	91.2	136.8#

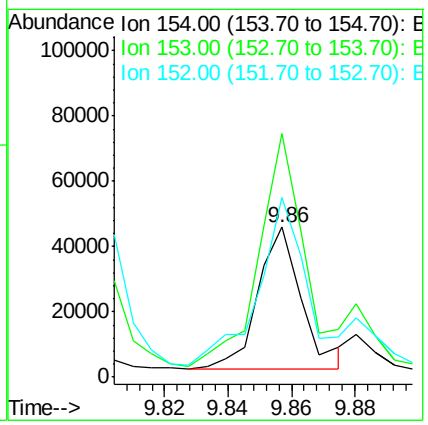


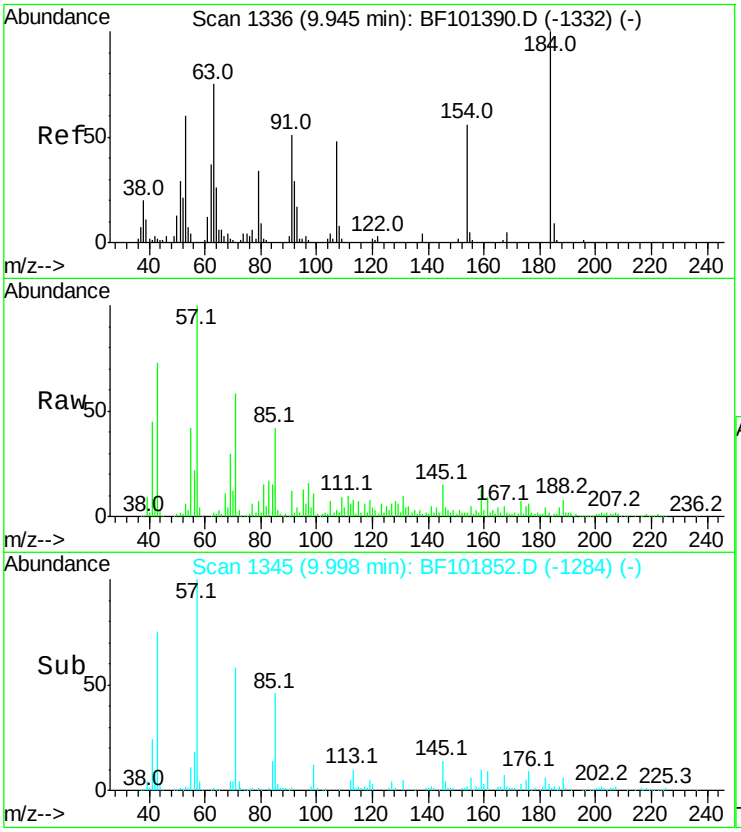


#51
Acenaphthene
Concen: 3.319 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:154 Resp: 42180

Ion	Ratio	Lower	Upper
154	100		
153	162.3	91.2	136.8#
152	120.0	43.8	65.8#



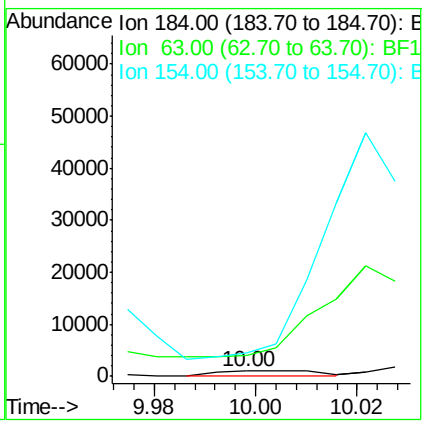


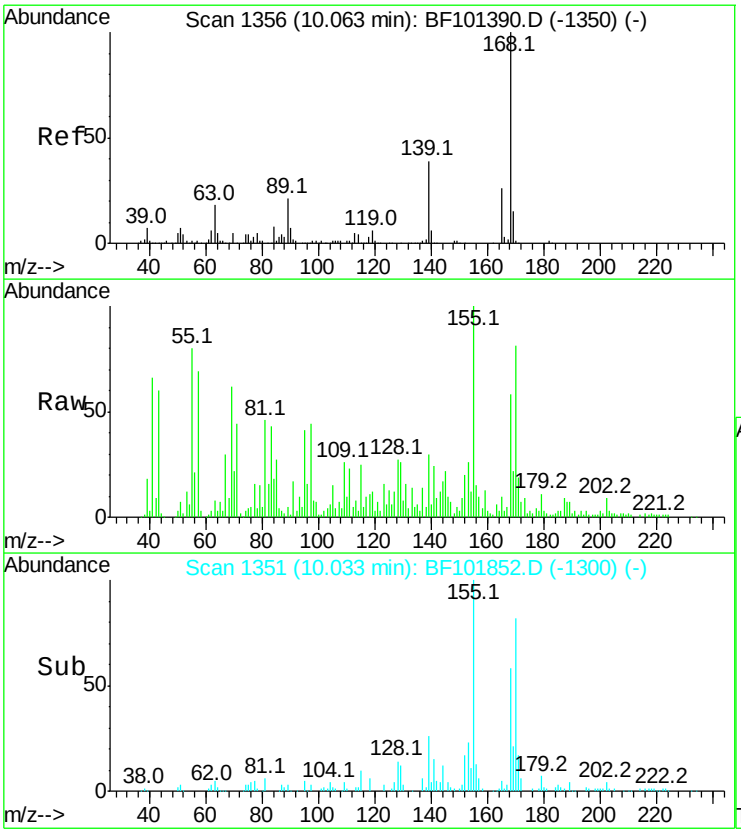
#53
2,4-Dinitrophenol
Concen: 11.443 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.06 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1448

Ion	Ratio	Lower	Upper
184	100		
63	379.6	54.2	81.2#
154	433.3	184.0	276.0#

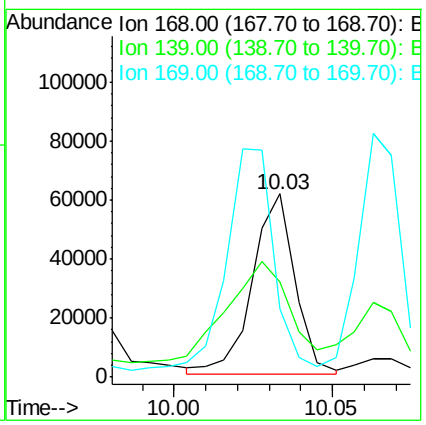


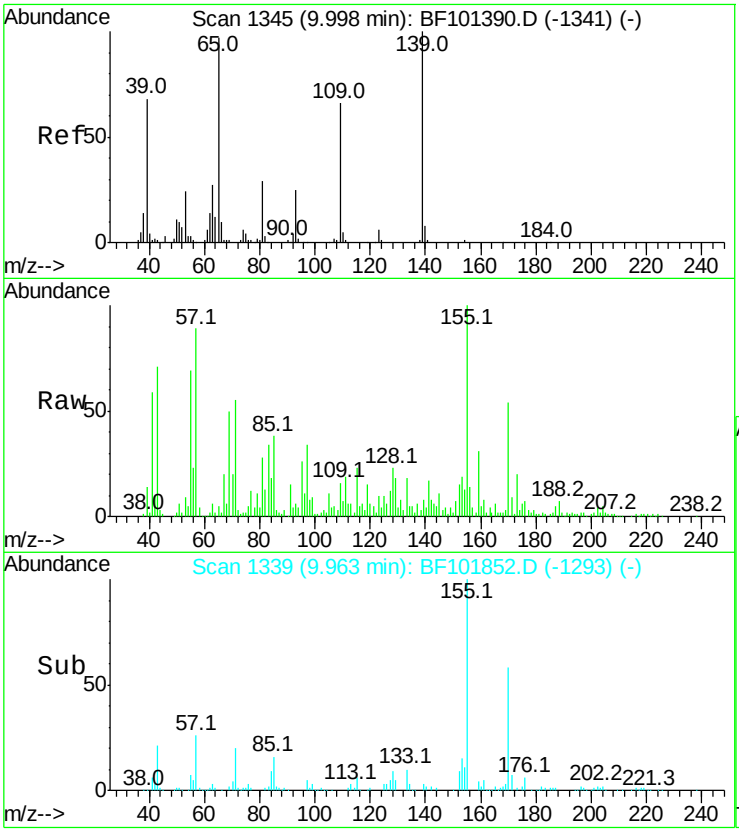


#54
Dibenzofuran
Concen: 3.517 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:168 Resp: 56789

Ion	Ratio	Lower	Upper
168	100		
139	51.6	30.1	45.1#
169	37.3	10.9	16.3#



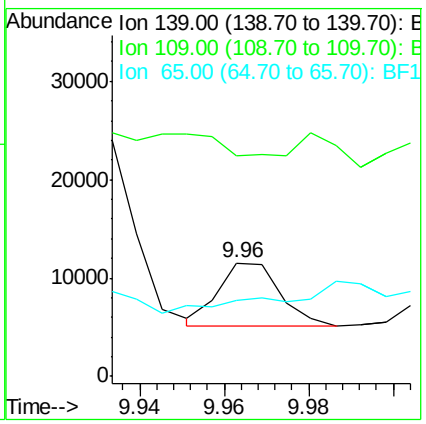


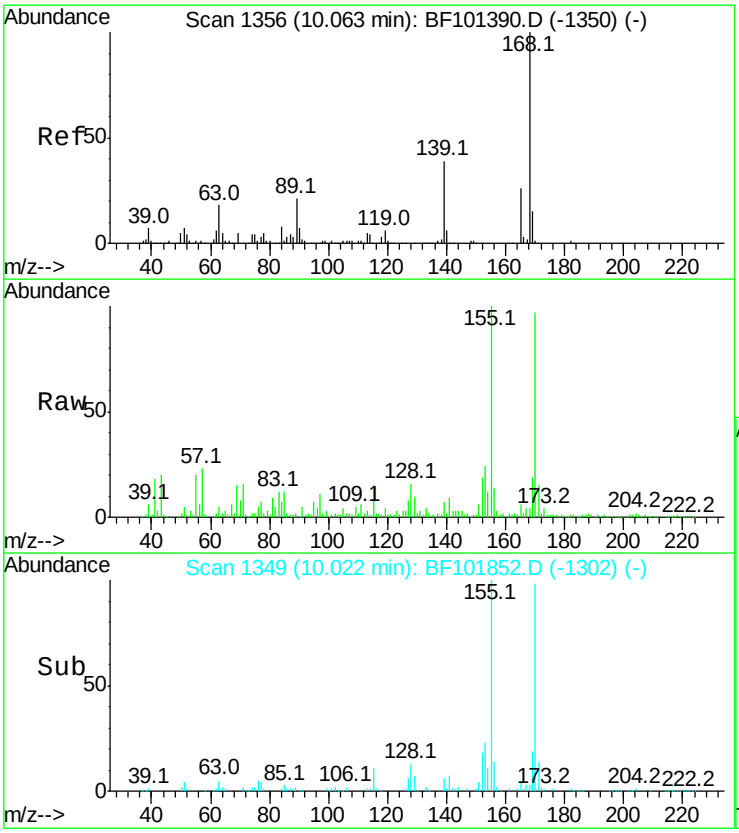
#55
4-Nitrophenol
Concen: 3.725 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6532

Ion	Ratio	Lower	Upper
139	100		
109	194.1	48.4	88.4#
65	67.4	72.6	112.6#

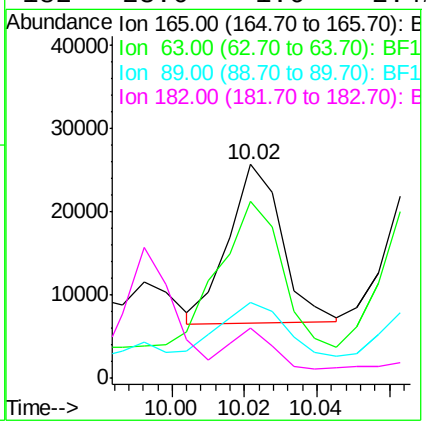


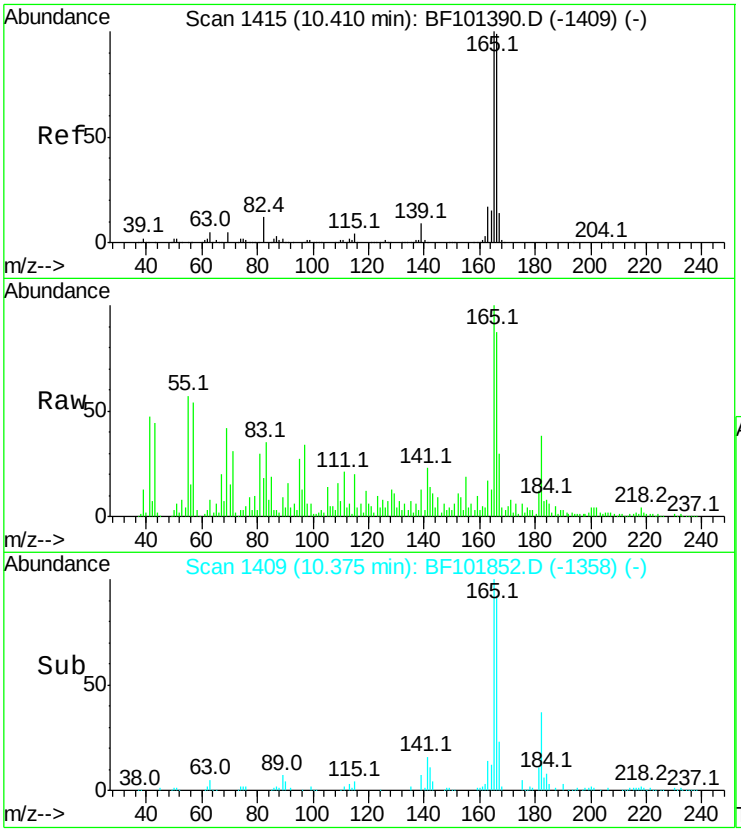


#56
2,4-Dinitrotoluene
Concen: 5.357 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:165 Resp: 19471

Ion	Ratio	Lower	Upper
165	100		
63	82.6	36.4	54.6#
89	35.3	57.8	86.6#
182	23.6	1.6	2.4#



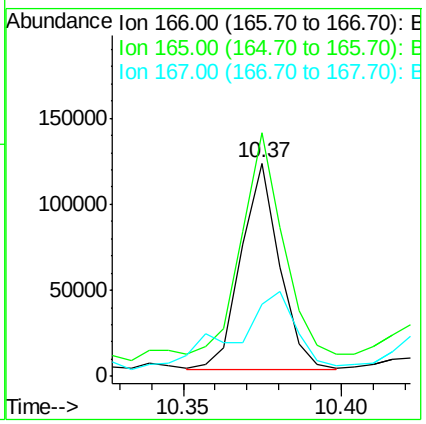


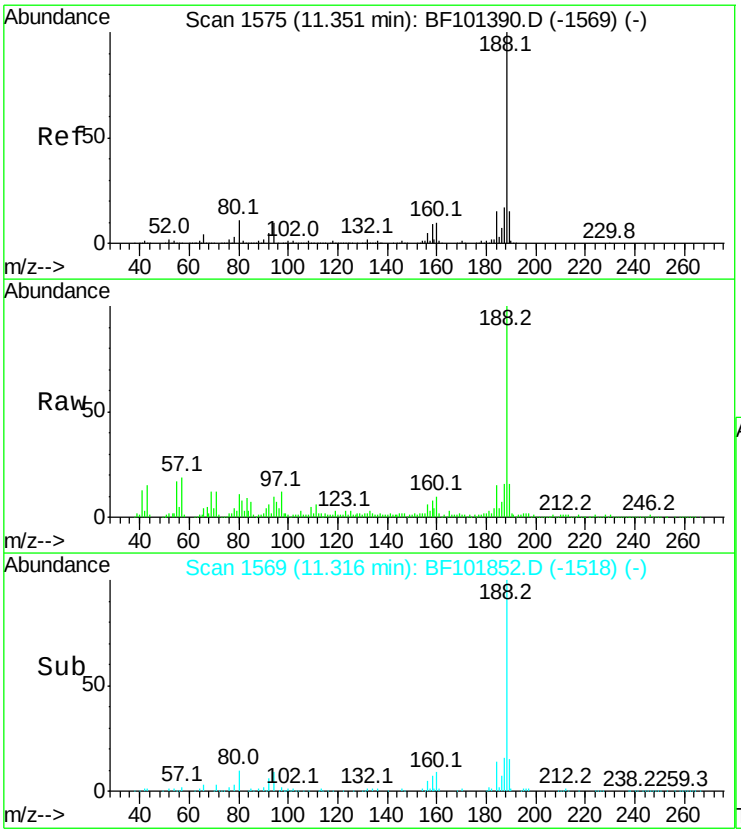
#57
Fluorene
Concen: 7.387 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 100908

Ion	Ratio	Lower	Upper
166	100		
165	114.3	79.8	119.8
167	34.1	10.6	16.0#

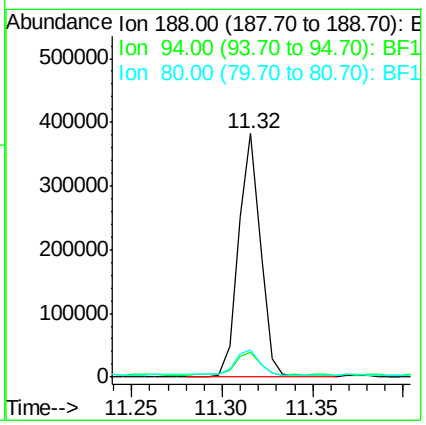


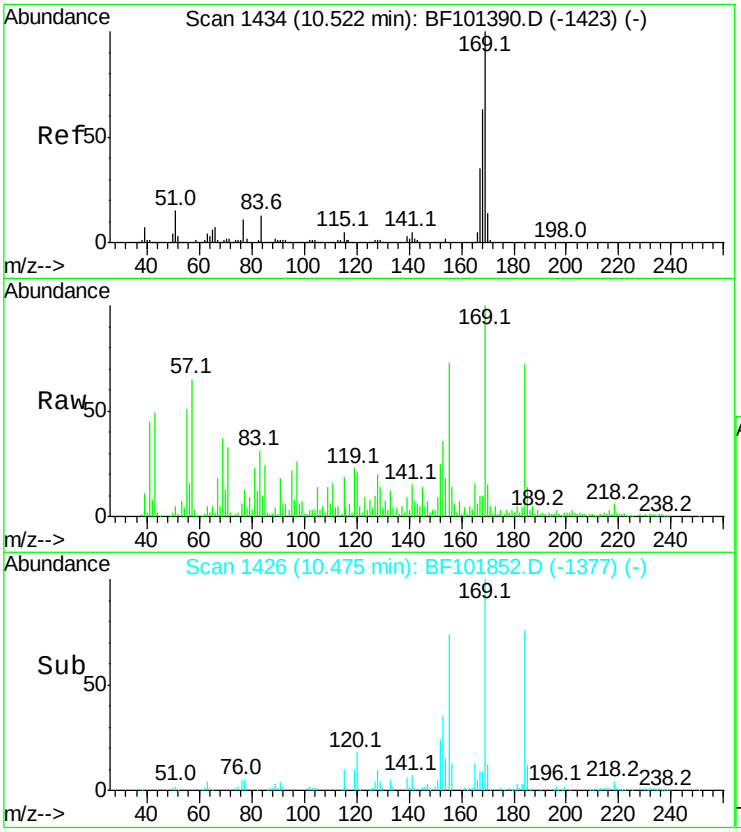


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:188 Resp: 320413

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8



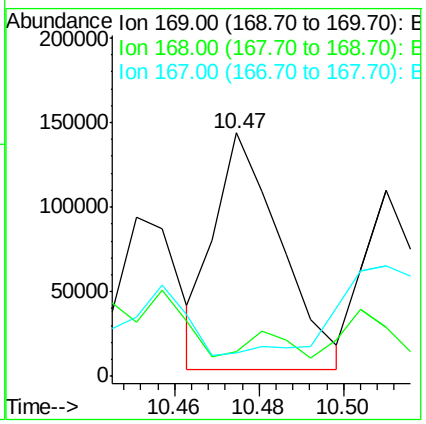


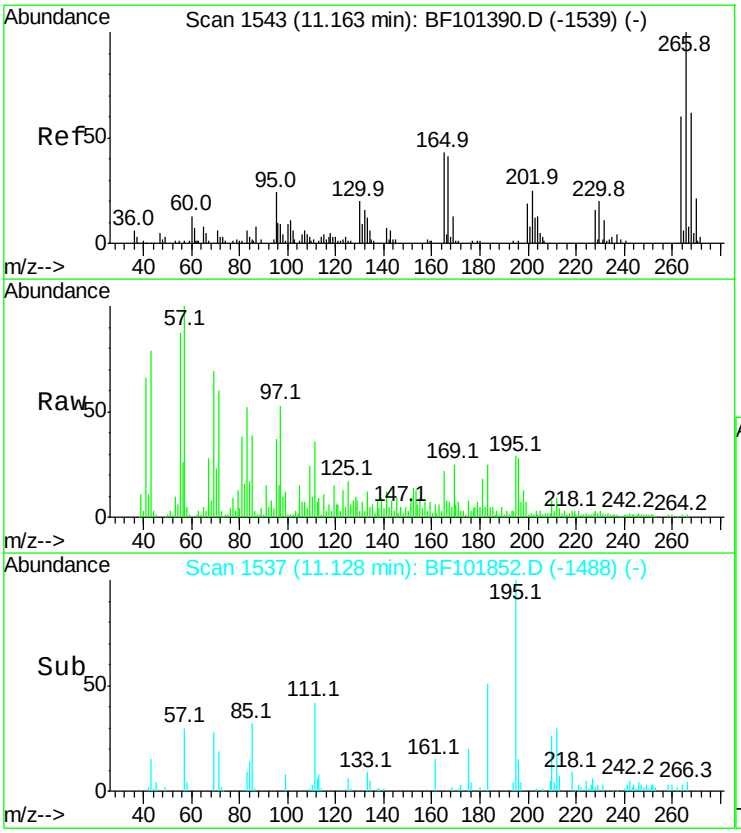
#65
n-Nitrosodiphenylamine
Concen: 12.929 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 152962

Ion	Ratio	Lower	Upper
169	100		
168	10.1	54.4	81.6#
167	9.7	29.8	44.6#

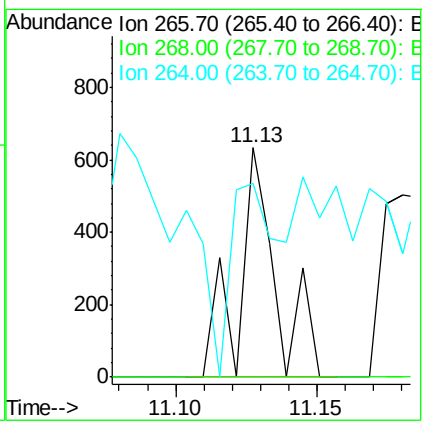


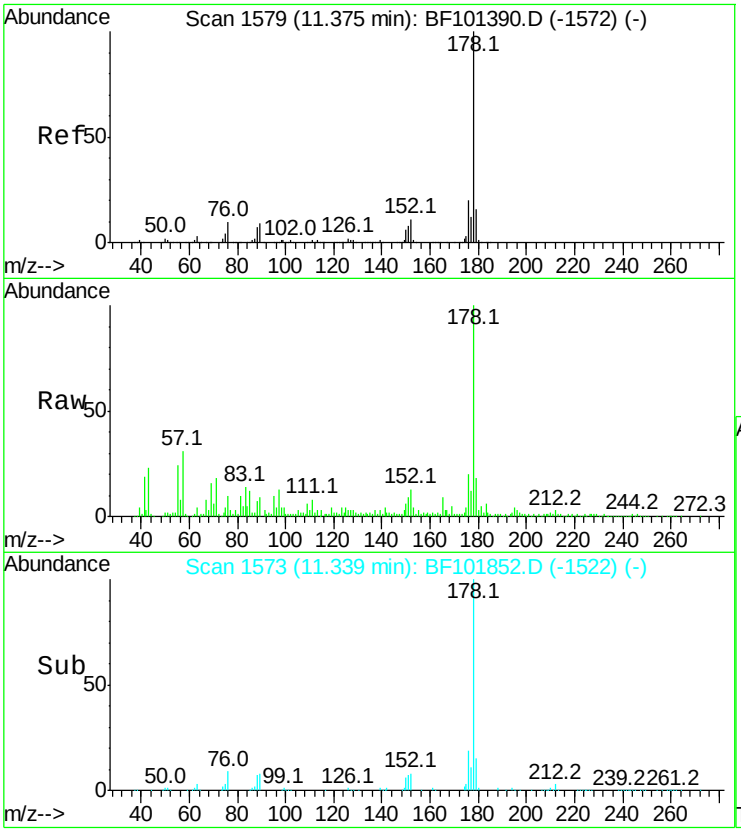


#69
Pentachlorophenol
Concen: 6.914 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:266 Resp: 576

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	84.4	49.5	74.3#



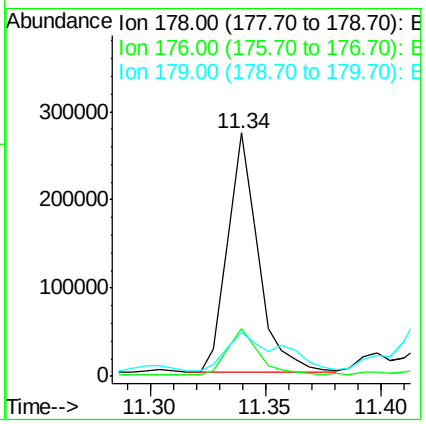


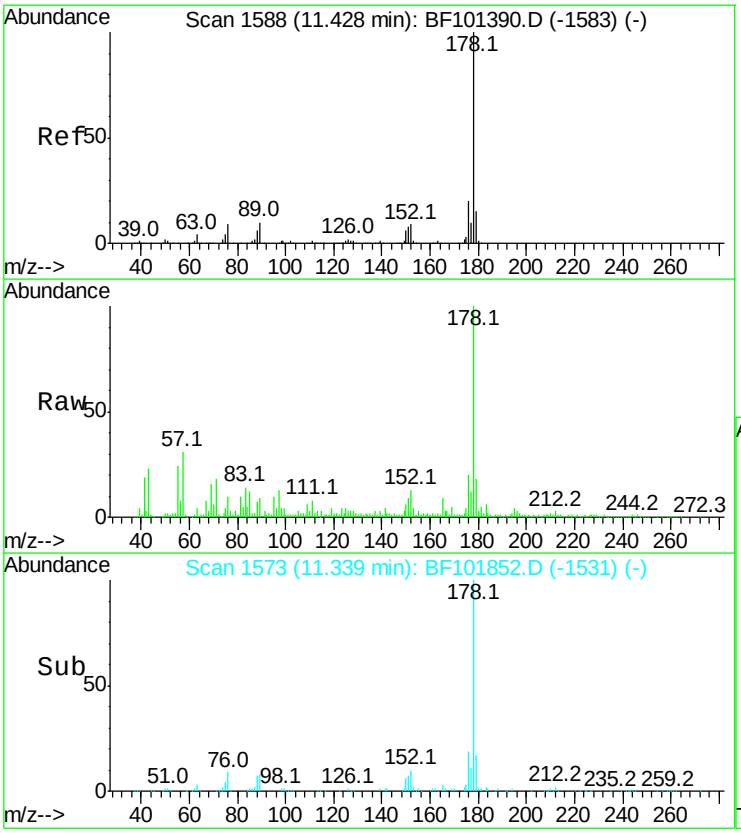
#70
Phenanthrene
Concen: 14.189 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 252833

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	18.3	13.0	19.6

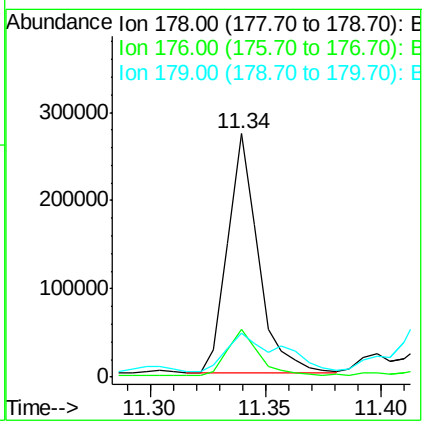


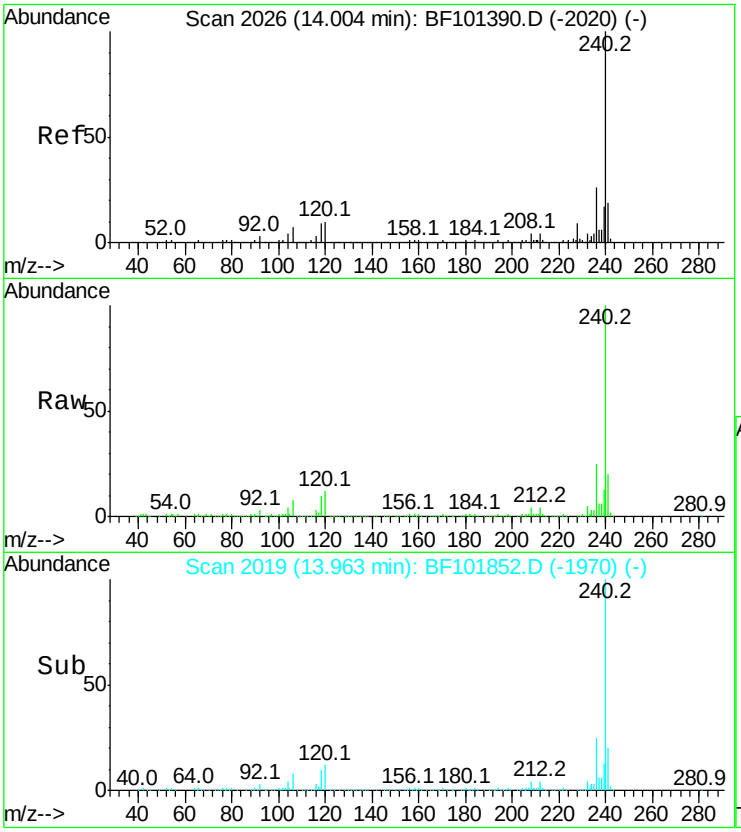


#71
Anthracene
Concen: 13.877 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.05 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:178 Resp: 252586

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	18.3	12.6	19.0



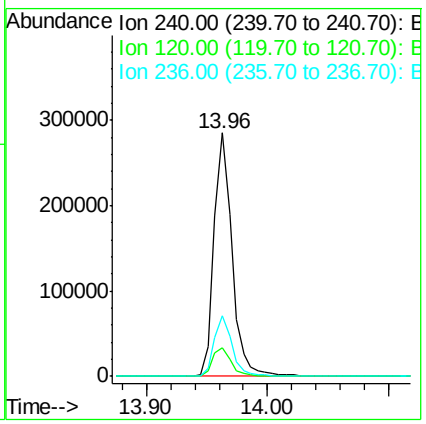


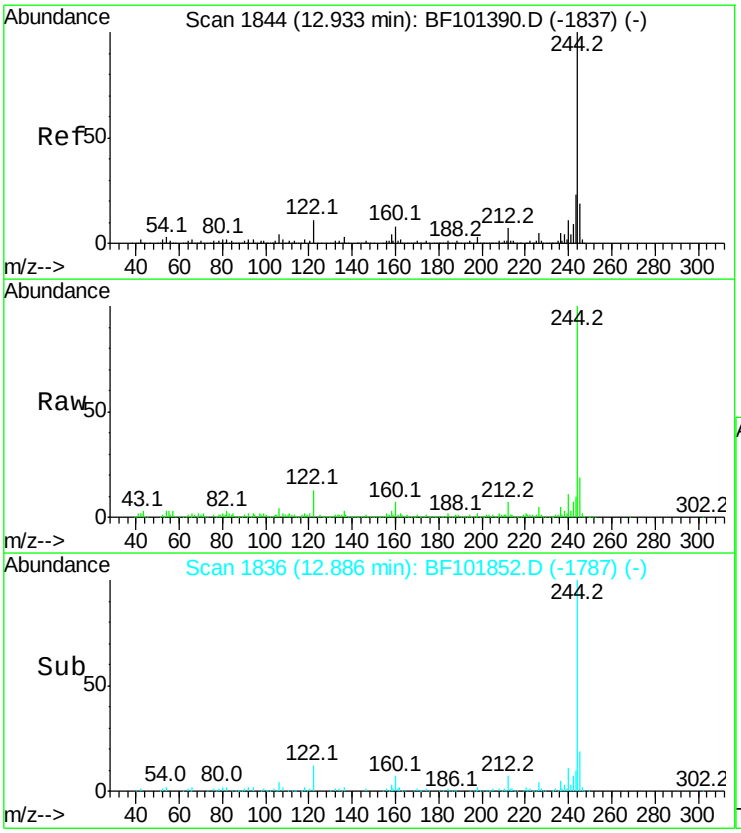
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 292017

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.1	20.7	31.1

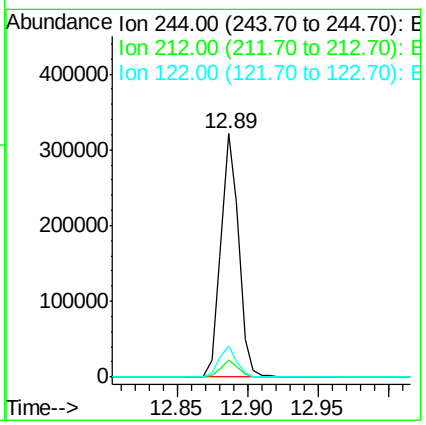


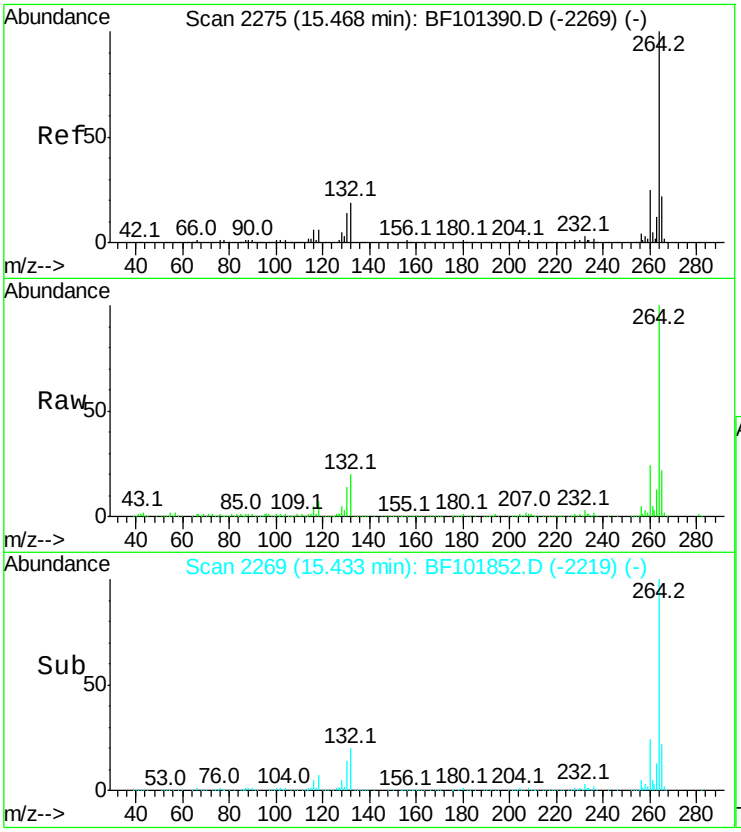


#78
Terphenyl-d14
Concen: 23.353 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Tgt Ion:244 Resp: 282876

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101852.D
Acq: 2 Jan 2018 15:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 306044

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3