Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111381.D
Acq On : 13 Dec 2018 20:31
Operator : JU/SJ
Sample : J6305-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SW001-01

Quant Time: Dec 13 21:14:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	221306	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	919972	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	405598	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	546301	20.00	ng		0.00
76) Chrysene-d12	13.96	240	376128	20.00	ng		0.00
87) Perylene-d12	15.40	264	310863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	834039	63.73	ng		0.01
7) Phenol-d6	6.47	99	611275	34.64	ng		0.04
23) Nitrobenzene-d5	7.36	82	1159106	71.01	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	312756	87.47	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	1776248	70.31	ng		0.00
79) Terphenyl-d14	12.91	244	1160183	67.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	128750	19.695	ng	#	91
3) Pyridine	3.29	79	126180	7.857	ng		98
4) n-Nitrosodimethylamine	3.20	42	24704	3.298	ng	#	1
6) Aniline	6.46	93	635943	29.792	ng	#	1
10) Phenol	6.51	94	11338448	567.264	ng		98
11) bis(2-Chloroethyl)ether	6.46	93	635943	40.443	ng	#	62
15) Benzyl Alcohol	6.96	79	37825	2.800	ng	#	47
17) 2-Methylphenol	7.09	107	1063981	81.858	ng		98
18) Hexachloroethane	7.33	117	14850	2.269	ng	#	1
20) 3+4-Methylphenols	7.25	107	1342652	86.619	ng	#	62
22) Acetophenone	7.22	105	1540752	72.100	ng	#	86
24) Nitrobenzene	7.37	77	86721	5.158	ng	#	53
25) Isophorone	7.64	82	175531	6.331	ng	#	86
27) 2,4-Dimethylphenol	7.76	122	193349	15.413	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	67925	3.569	ng	#	80
31) Naphthalene	8.10	128	624136	14.561	ng		98
32) Benzoic acid	8.03	122	86141	8.260	ng		88
35) Caprolactam	8.49	113	38087	8.306	ng	#	1
36) 4-Chloro-3-methylphenol	8.69	107	185507	13.303	ng	#	22
37) 2-Methylnaphthalene	8.80	142	85526	3.087	ng	#	87
38) 1-Methylnaphthalene	8.90	142	82561	3.087	ng	#	98
46) 1,1'-Biphenyl	9.26	154	79731	2.304	ng		97
48) 2-Nitroaniline	9.37	65	39352	4.569	ng	#	43
50) Dimethylphthalate	9.57	163	179437	6.152	ng	#	1
51) 2,6-Dinitrotoluene	9.59	165	18718	2.895	ng	#	1
74) Di-n-butylphthalate	11.73	149	473630	13.992	ng	#	36
84) Bis(2-ethylhexyl)phthalate	13.95	149	656366	38.522	ng		99

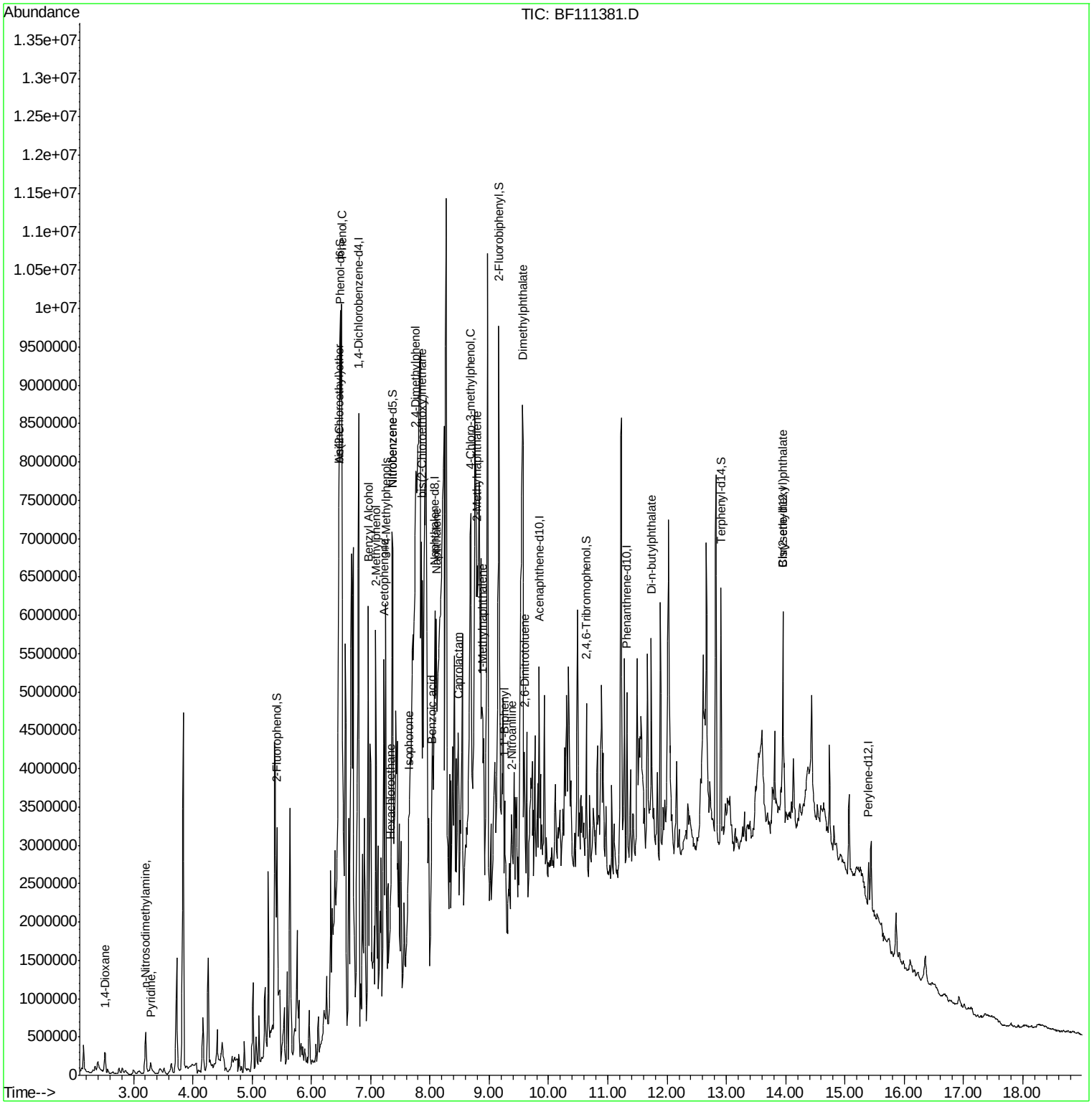
(#) = qualifier out of range (m) = manual integration (+) = signals summed

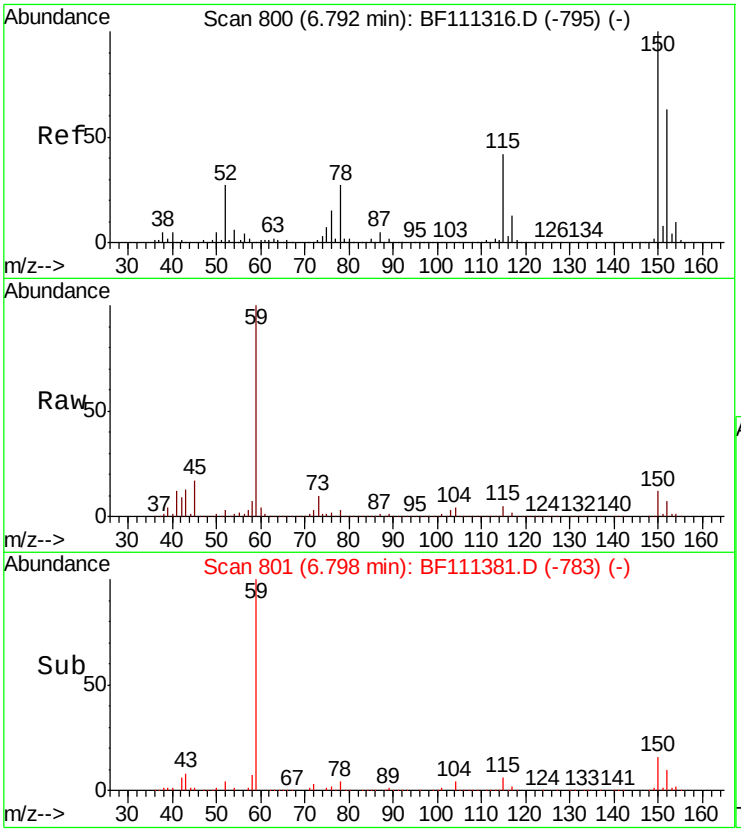
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111381.D
Acq On : 13 Dec 2018 20:31
Operator : JU/SJ
Sample : J6305-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Quant Time: Dec 13 21:14:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration



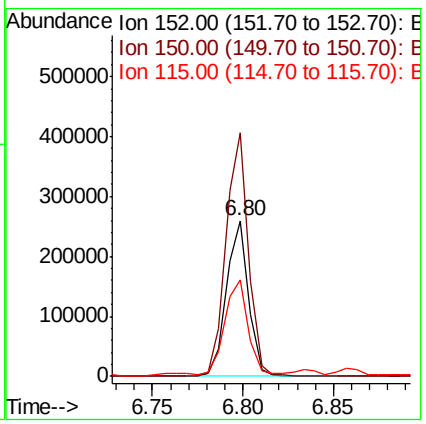


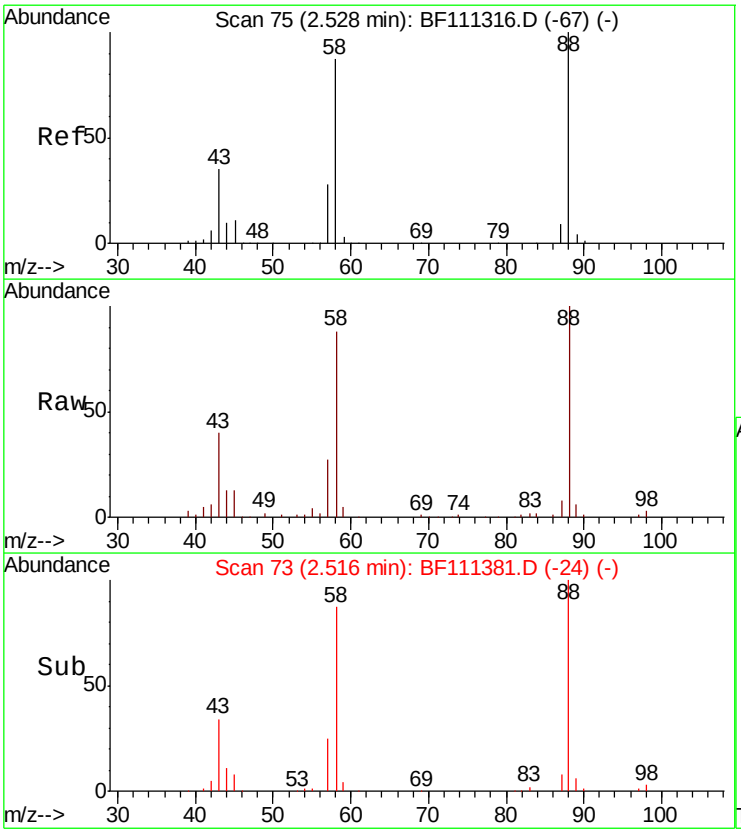
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:152 Resp: 221306

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	62.0	50.7	76.1

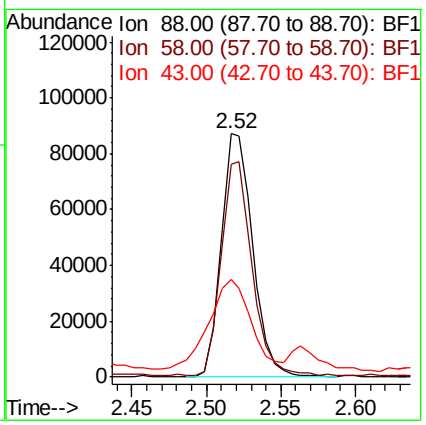


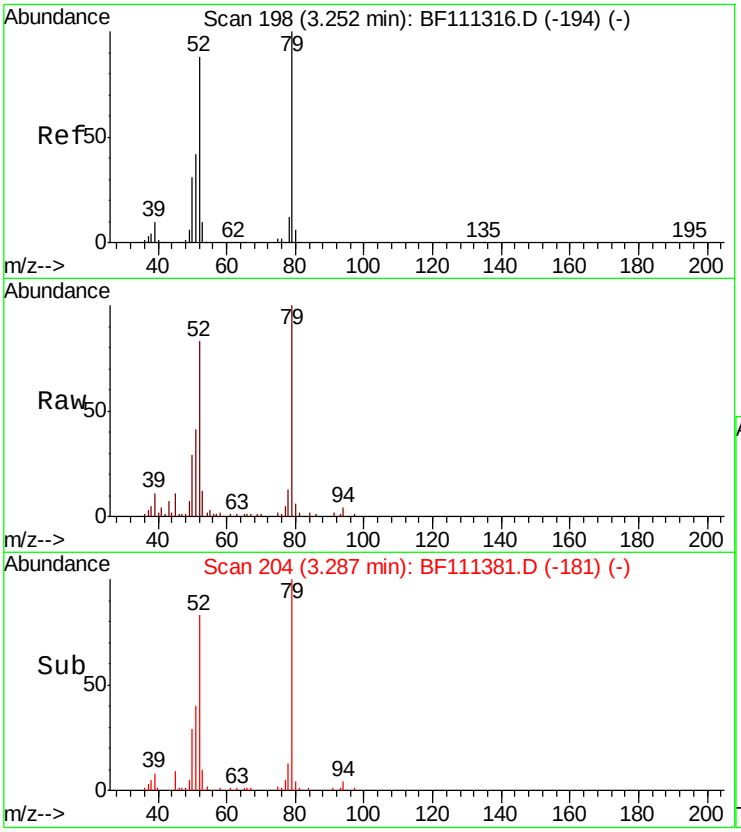


#2
1,4-Dioxane
Concen: 19.695 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 88 Resp: 128750

Ion	Ratio	Lower	Upper
88	100		
58	86.5	68.9	103.3
43	49.0	25.8	38.6#



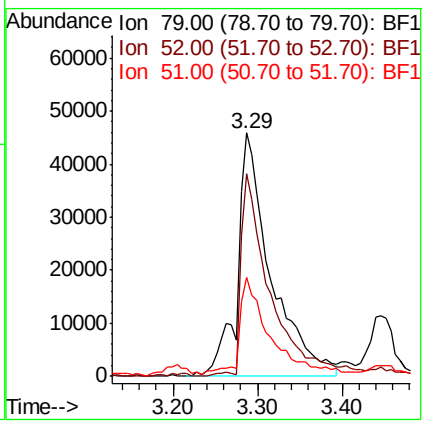


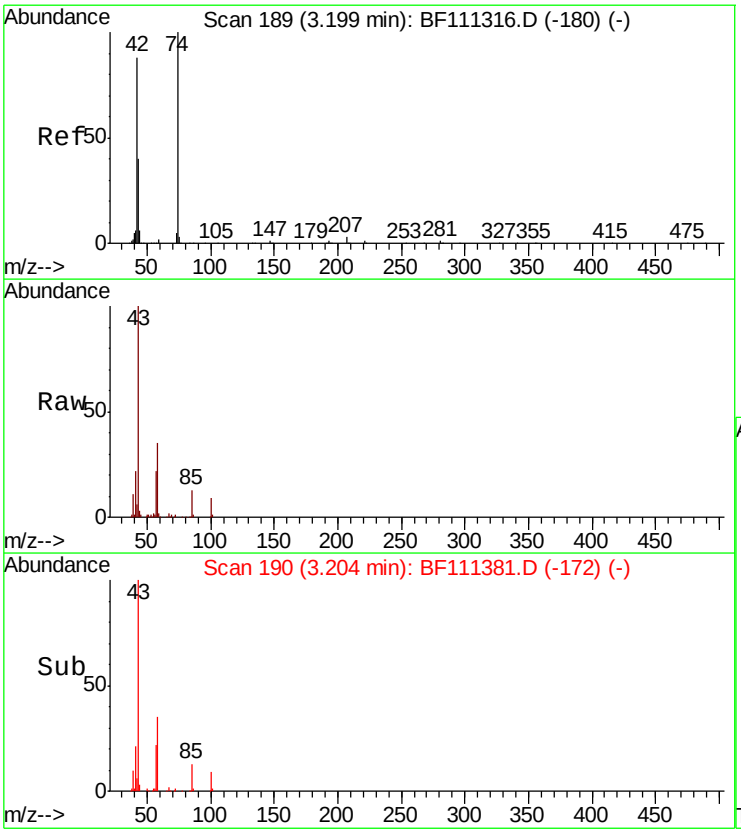
#3
Pyridine
Concen: 7.857 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion: 79 Resp: 126180

Ion	Ratio	Lower	Upper
79	100		
52	83.3	68.3	102.5
51	40.8	32.6	49.0

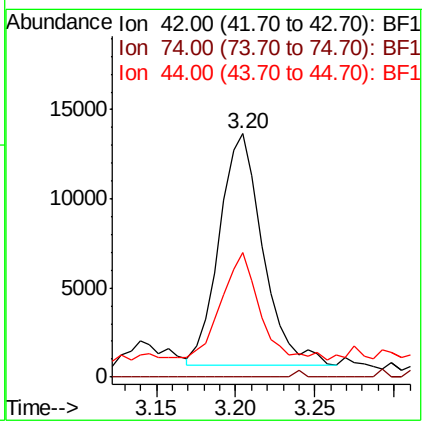


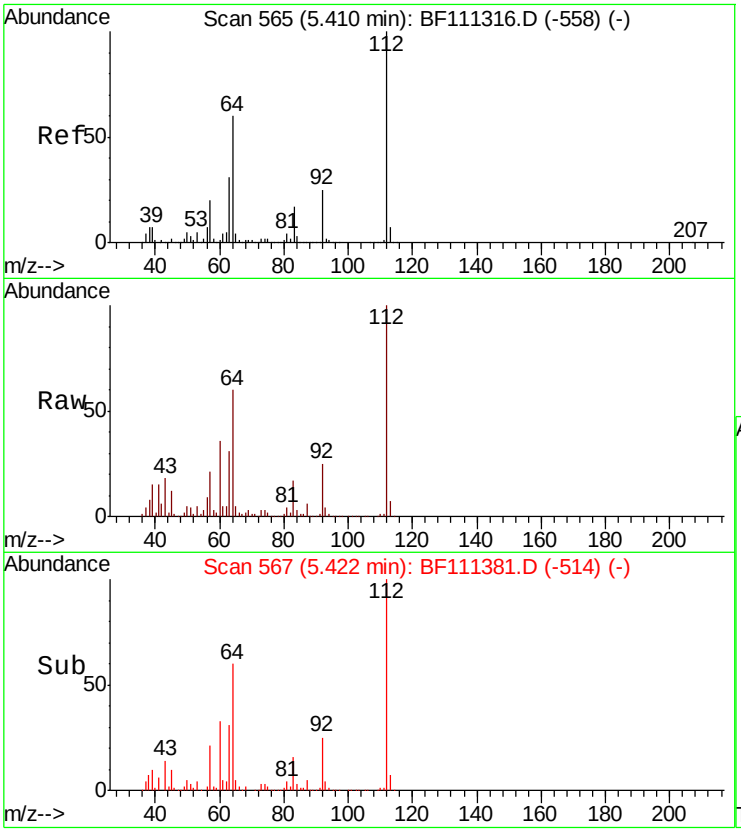


#4
n-Nitrosodimethylamine
Concen: 3.298 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 42 Resp: 24704

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	51.4	6.0	9.0#



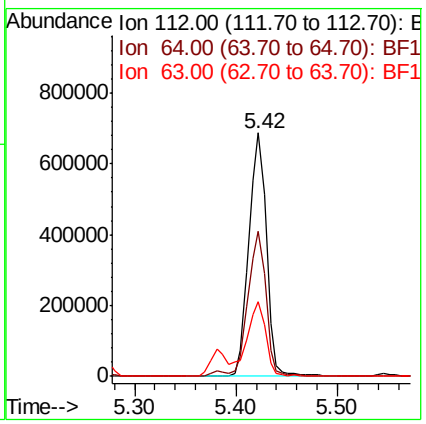


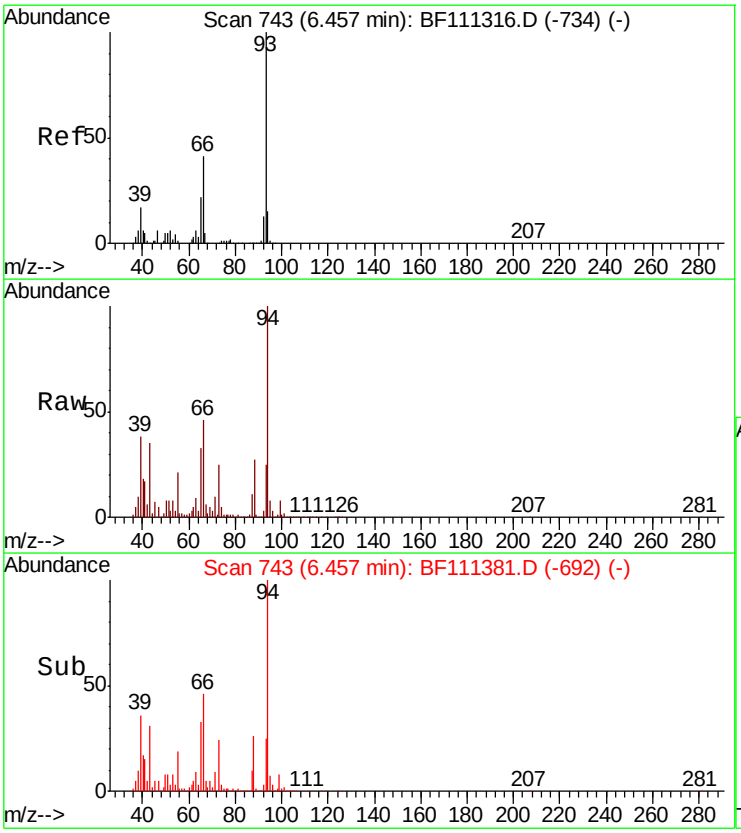
#5
2-Fluorophenol
Concen: 63.730 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:112 Resp: 834039

Ion	Ratio	Lower	Upper
112	100		
64	59.6	51.8	77.6
63	30.7	26.8	40.2

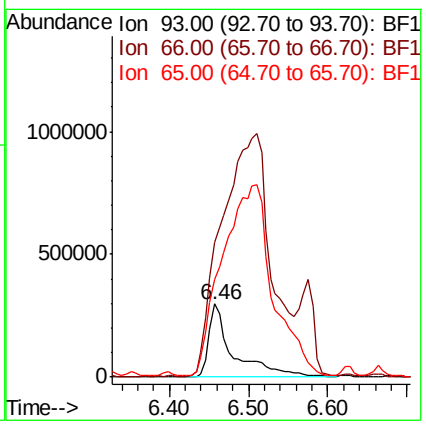


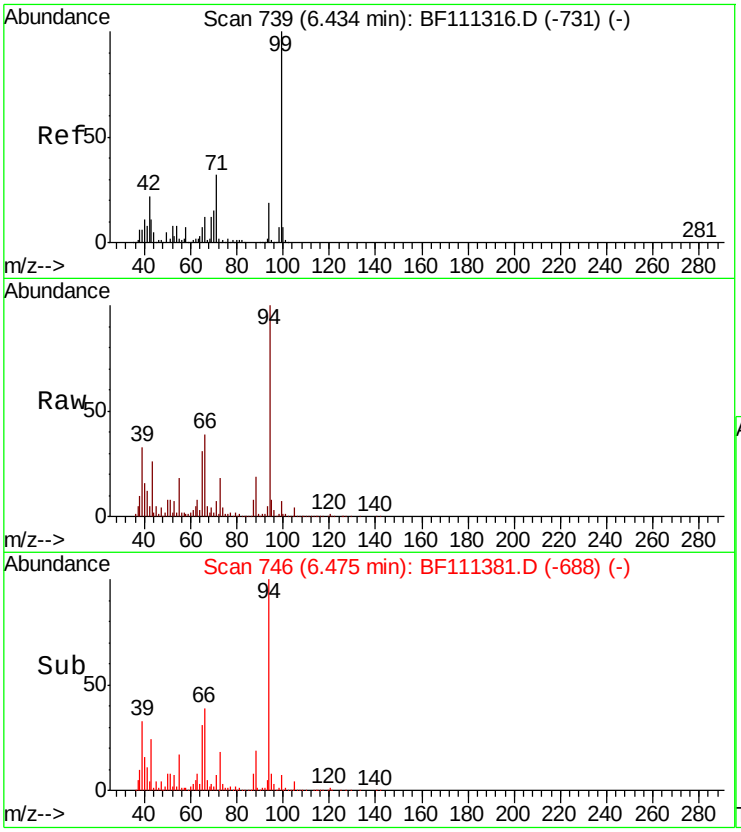


#6
Aniline
Concen: 29.792 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 93 Resp: 635943

Ion	Ratio	Lower	Upper
93	100		
66	185.1	33.2	49.8#
65	133.8	17.0	25.4#



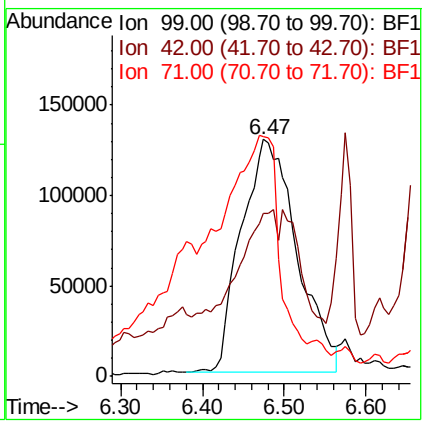


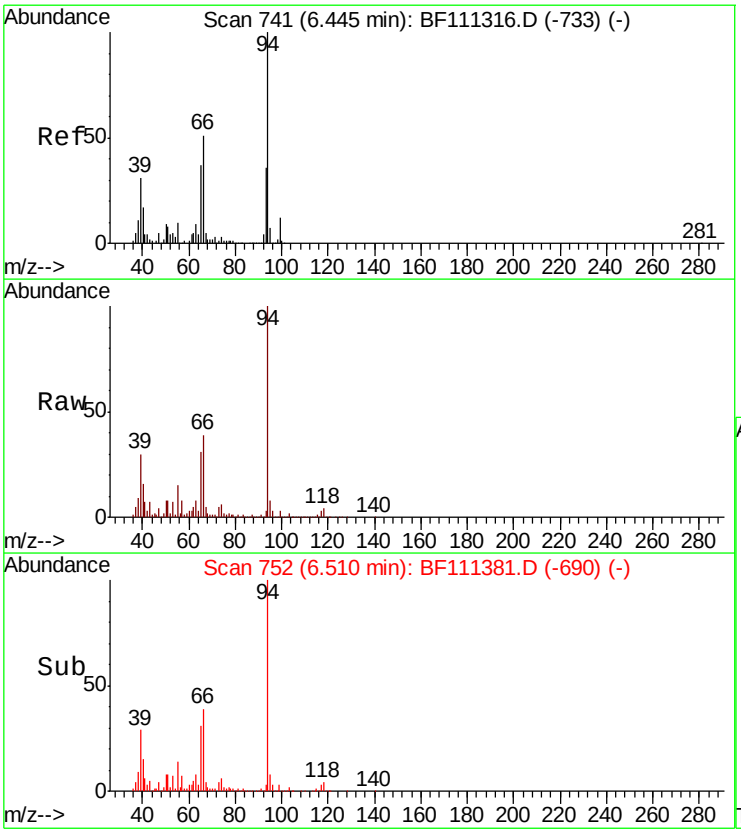
#7
Phenol-d6
Concen: 34.643 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion: 99 Resp: 611275

Ion	Ratio	Lower	Upper
99	100		
42	69.1	17.4	26.0#
71	101.4	26.1	39.1#

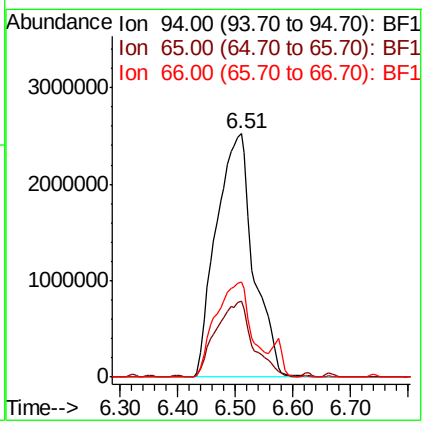


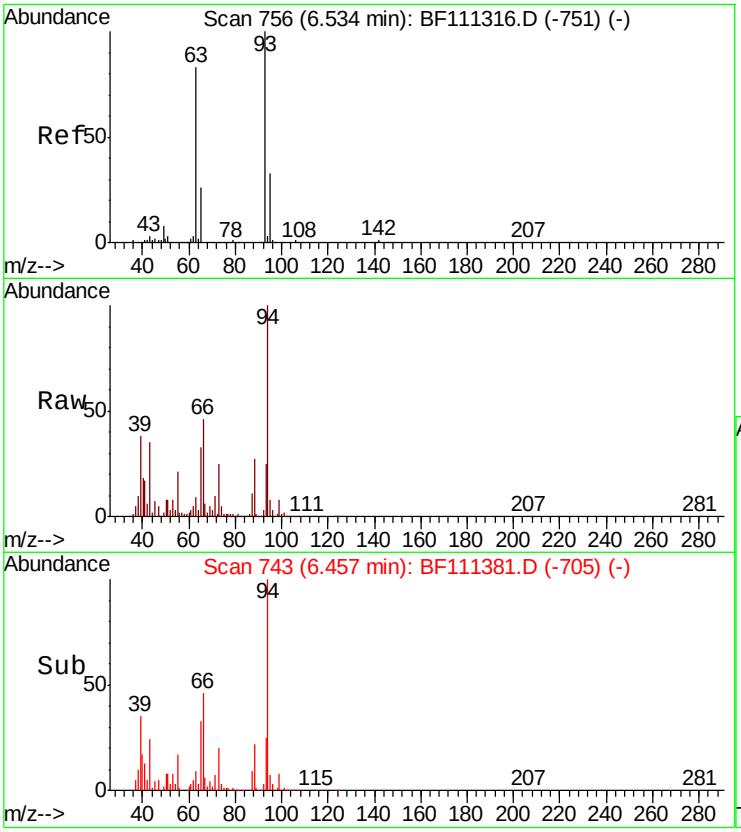


#10
Phenol
Concen: 567.264 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.06 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 94 Resp:11338448

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.7	51.7
66	39.3	21.0	61.0



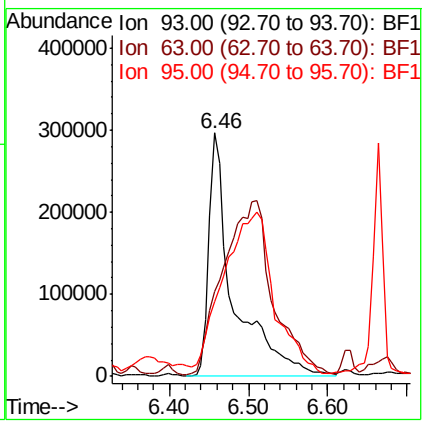


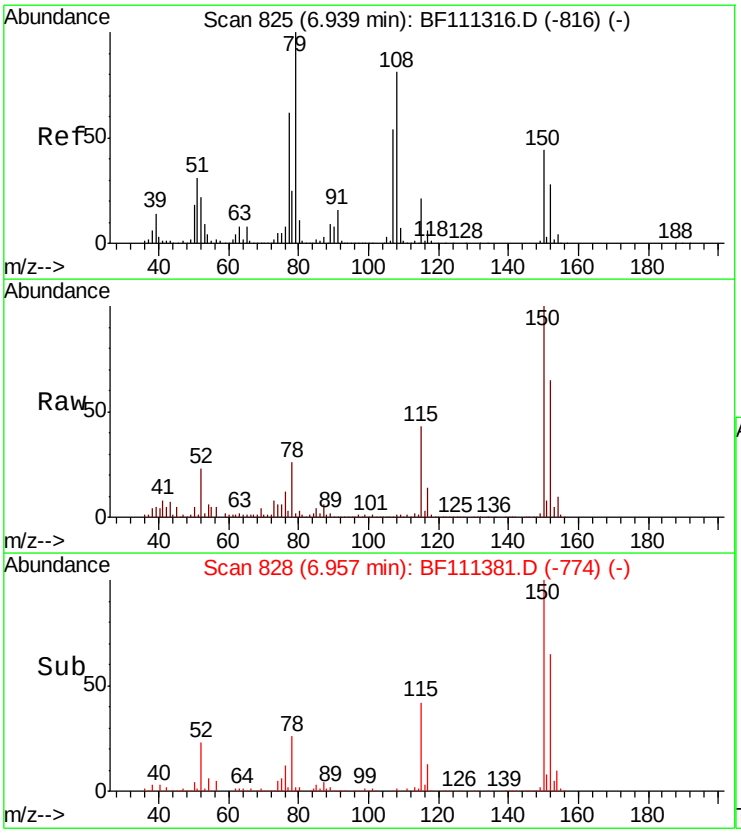
#11
bis(2-Chloroethyl)ether
Concen: 40.443 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.08 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion: 93 Resp: 635943

Ion	Ratio	Lower	Upper
93	100		
63	34.8	60.0	100.0#
95	30.7	13.4	53.4

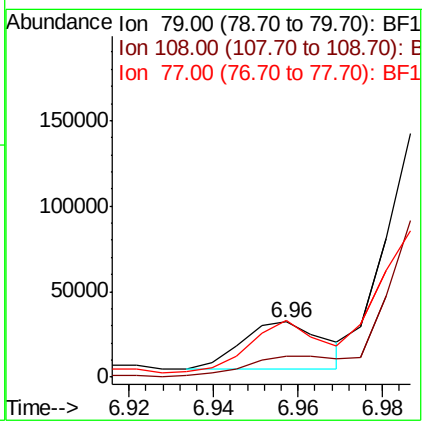


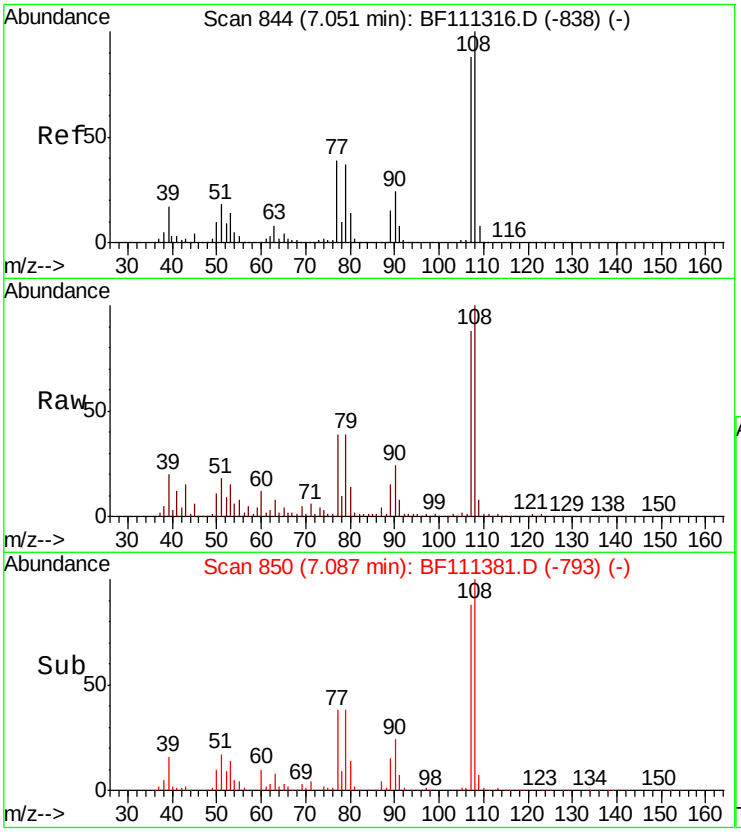


#15
Benzyl Alcohol
Concen: 2.800 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 79 Resp: 37825

Ion	Ratio	Lower	Upper
79	100		
108	38.7	69.4	104.2#
77	104.3	49.7	74.5#



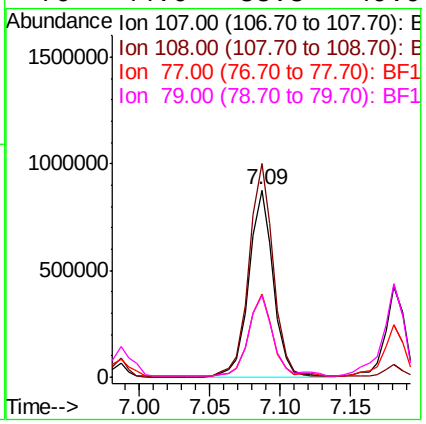


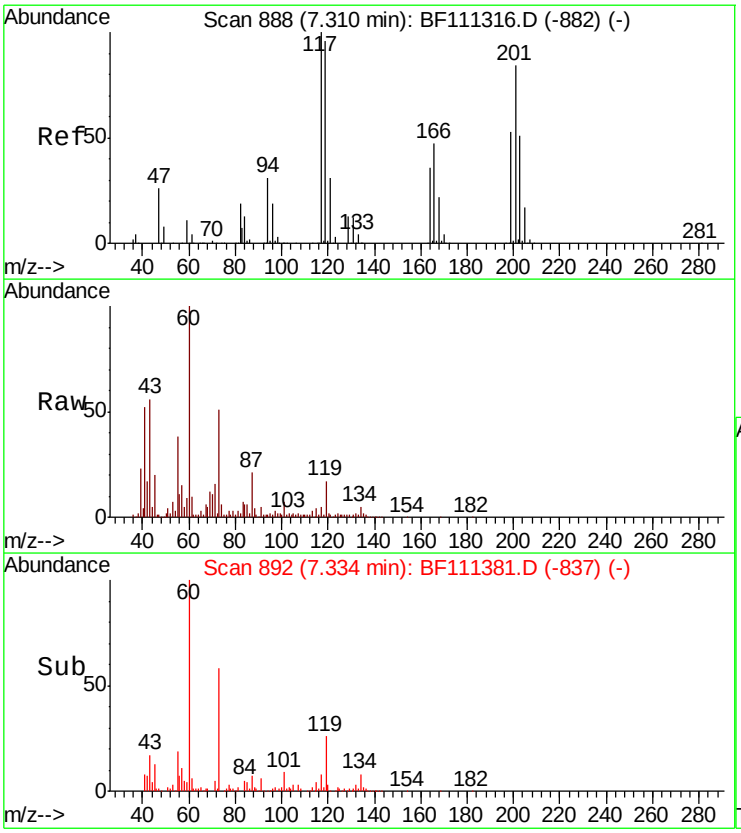
#17
2-Methylphenol
Concen: 81.858 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:107 Resp: 1063981

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	44.4	33.5	50.3
79	44.0	33.3	49.9

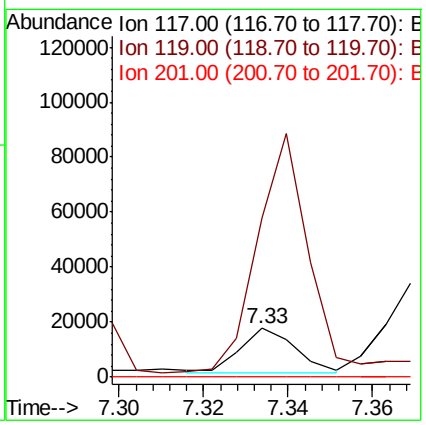


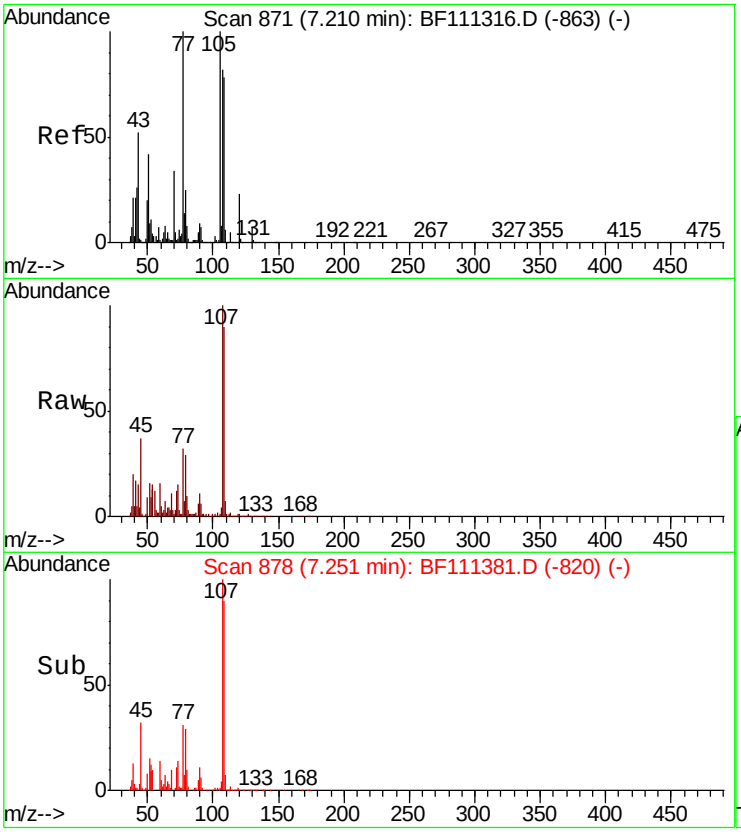


#18
Hexachloroethane
Concen: 2.269 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:117 Resp: 14850

Ion	Ratio	Lower	Upper
117	100		
119	328.5	75.4	113.0#
201	0.0	62.4	93.6#



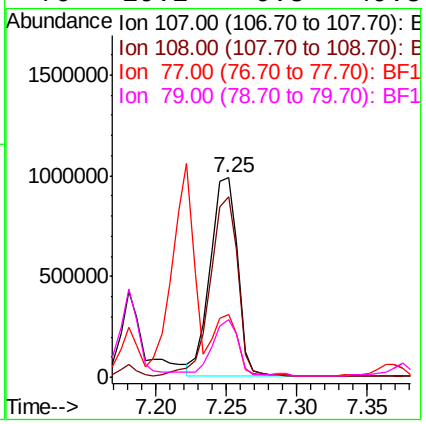


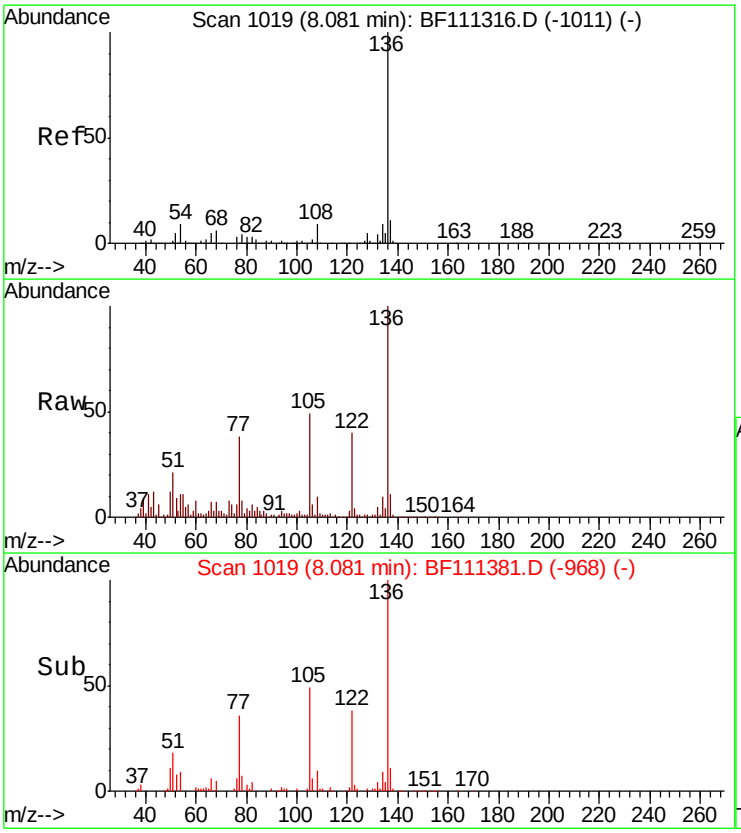
#20
3+4-Methylphenols
Concen: 86.619 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:107 Resp: 1342652

Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.1	112.1
77	31.7	94.1	134.1#
79	29.2	9.8	49.8

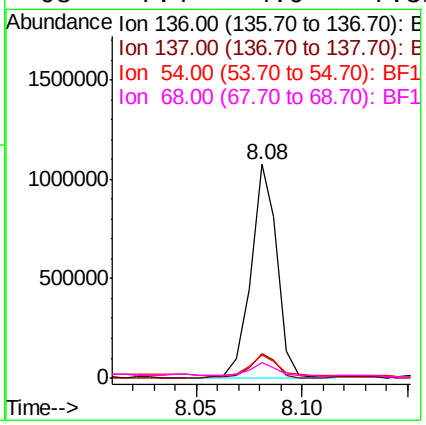


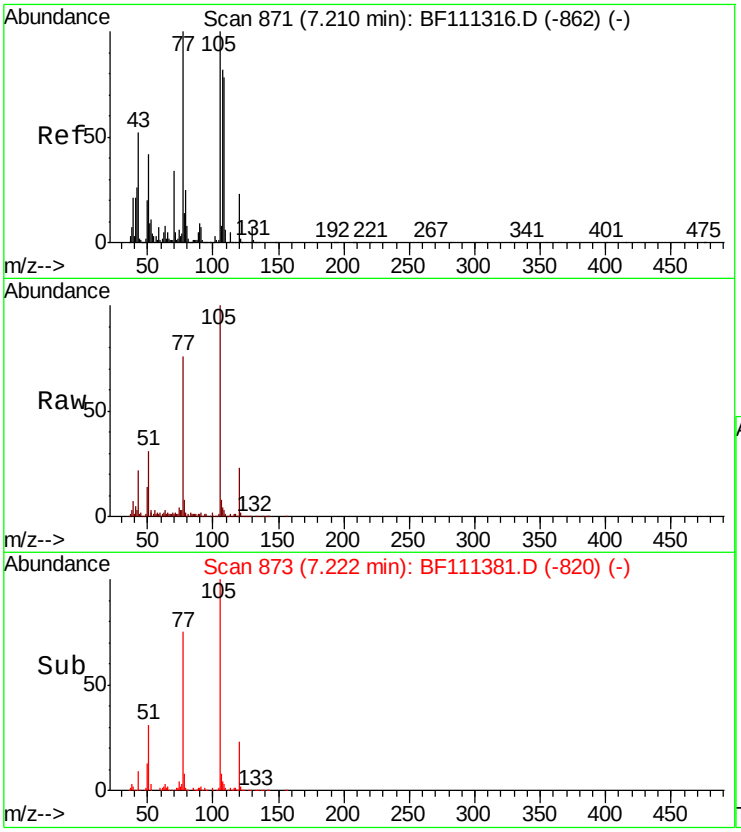


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:136 Resp: 919972

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	7.7	11.5
68	7.4	4.9	7.3#



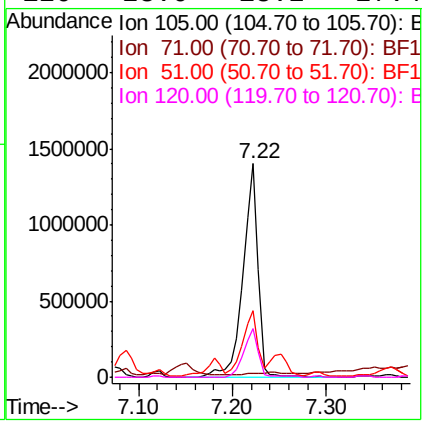


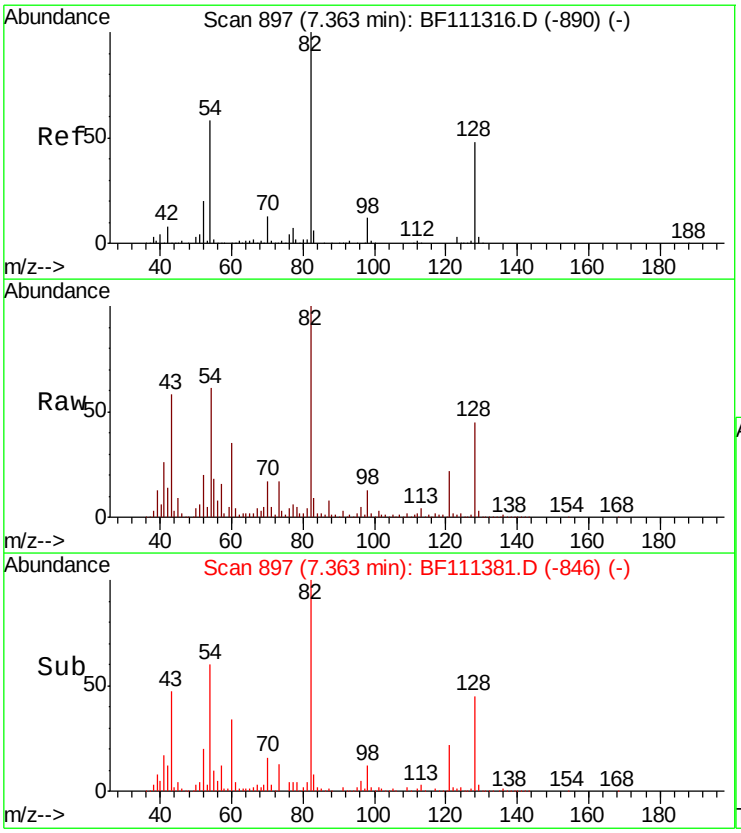
#22
Acetophenone
Concen: 72.100 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:105 Resp: 1540752

Ion	Ratio	Lower	Upper
105	100		
71	1.8	3.1	4.7#
51	31.4	36.6	54.8#
120	23.0	18.2	27.4

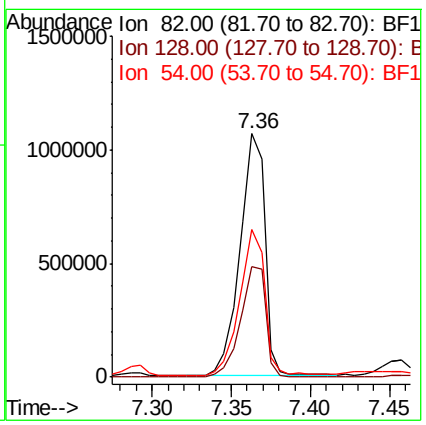


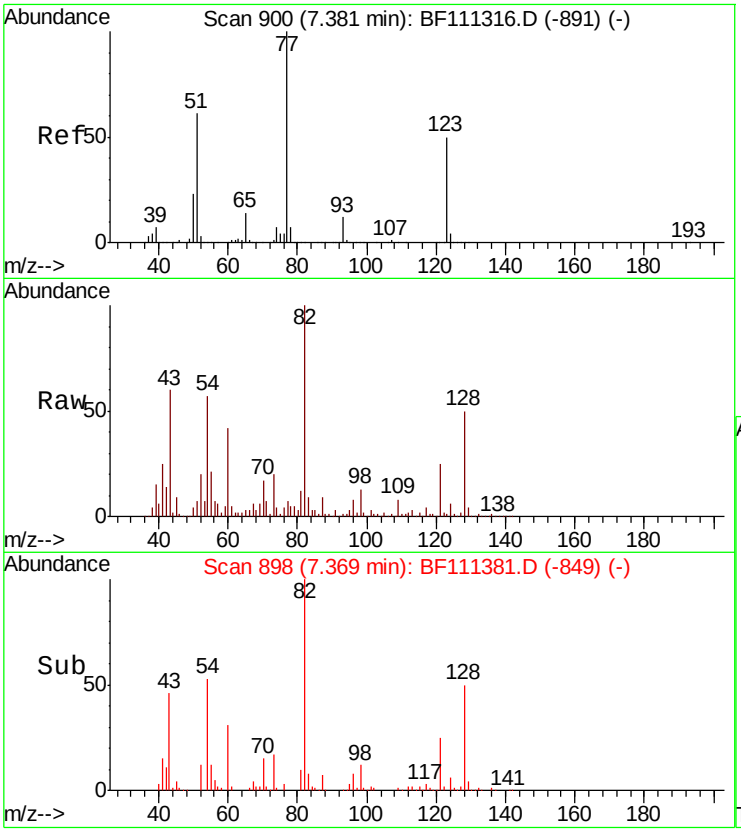


#23
Nitrobenzene-d5
Concen: 71.014 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 82 Resp: 1159106

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.2
54	60.7	47.6	71.4



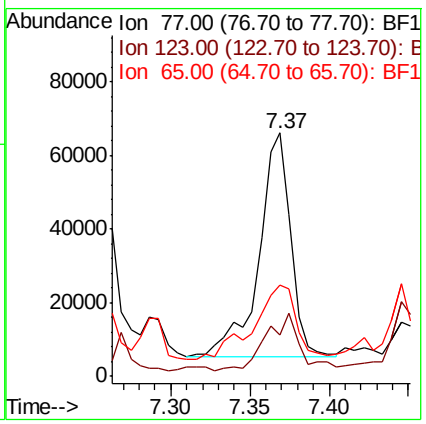


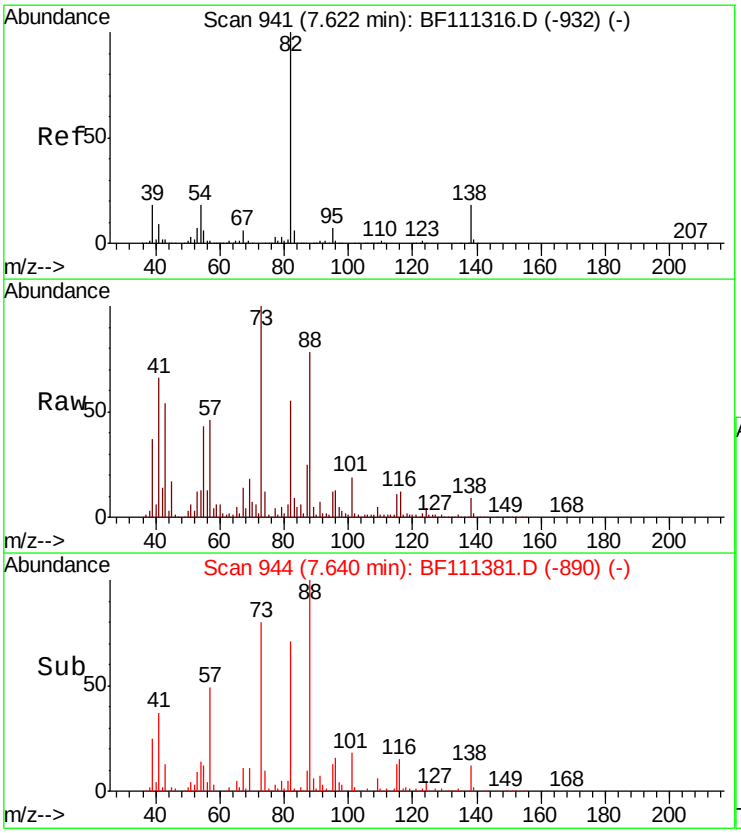
#24
Nitrobenzene
Concen: 5.158 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion: 77 Resp: 86721

Ion	Ratio	Lower	Upper
77	100		
123	17.2	37.2	55.8#
65	37.3	11.5	17.3#

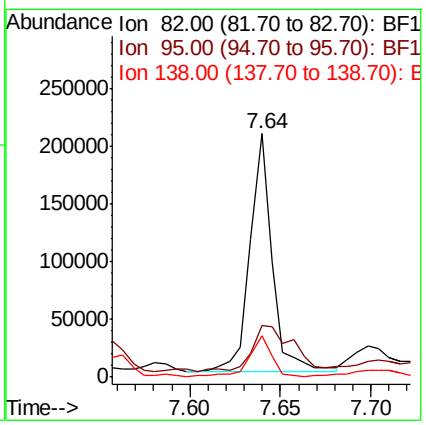


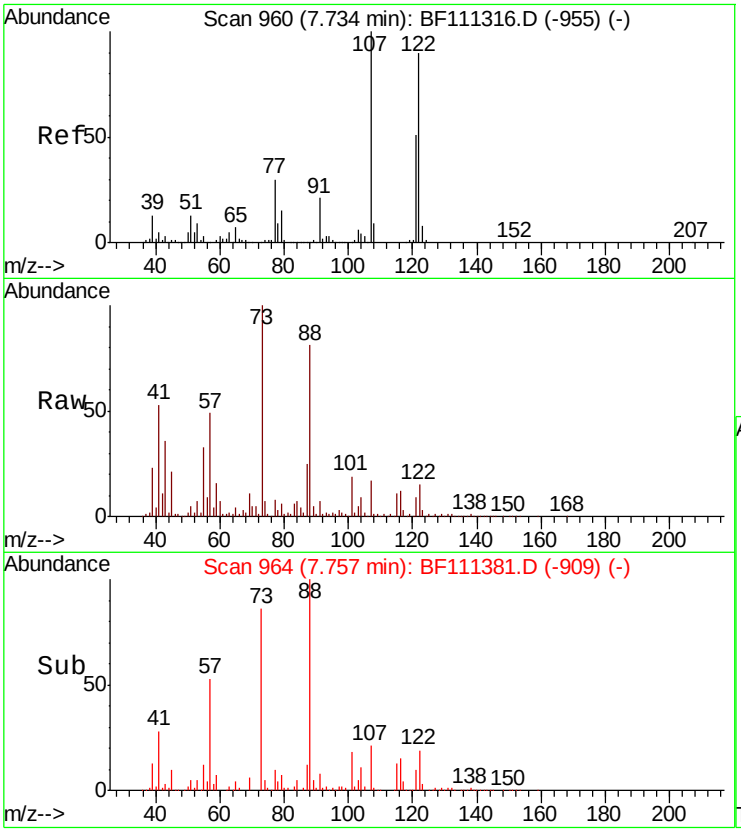


#25
Isophorone
Concen: 6.331 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 82 Resp: 175531

Ion	Ratio	Lower	Upper
82	100		
95	21.2	5.4	8.2#
138	17.1	15.1	22.7



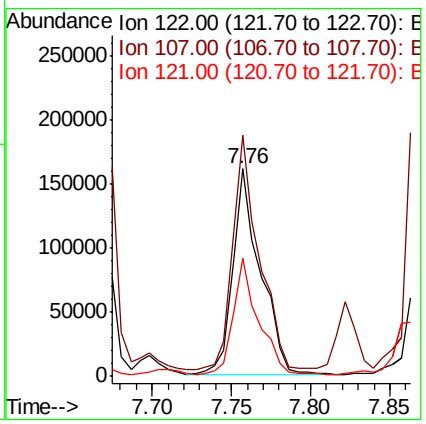


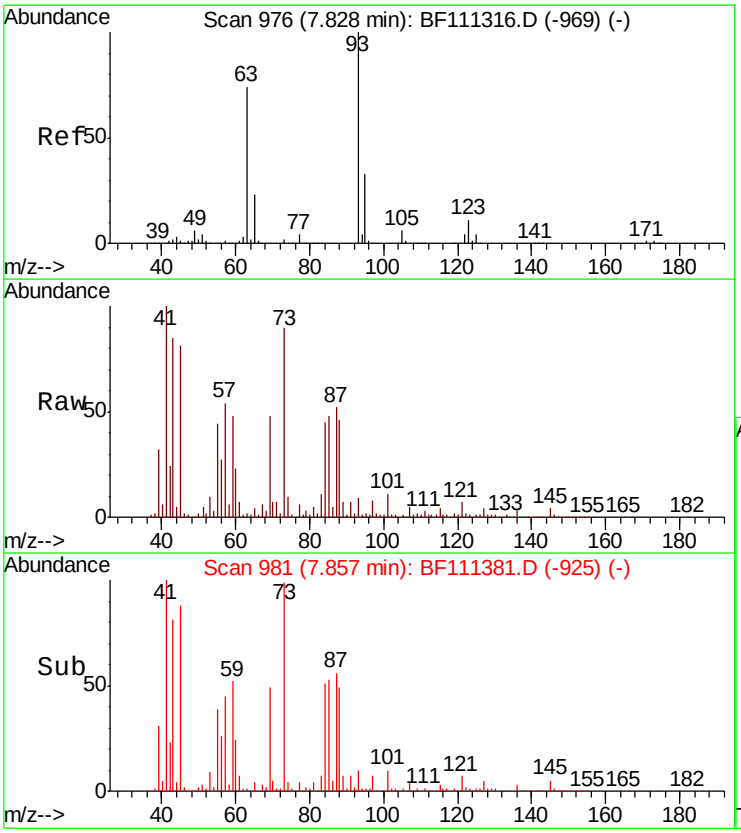
#27
2,4-Dimethylphenol
Concen: 15.413 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:122 Resp: 193349

Ion	Ratio	Lower	Upper
122	100		
107	115.8	85.5	128.3
121	56.8	46.6	70.0

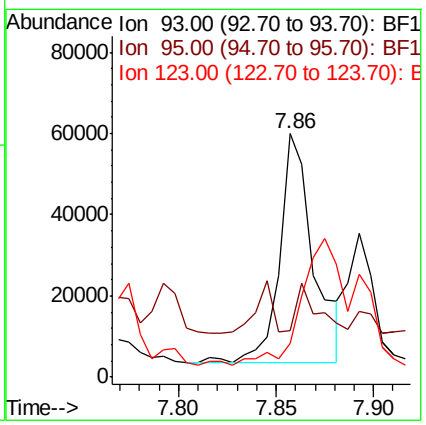


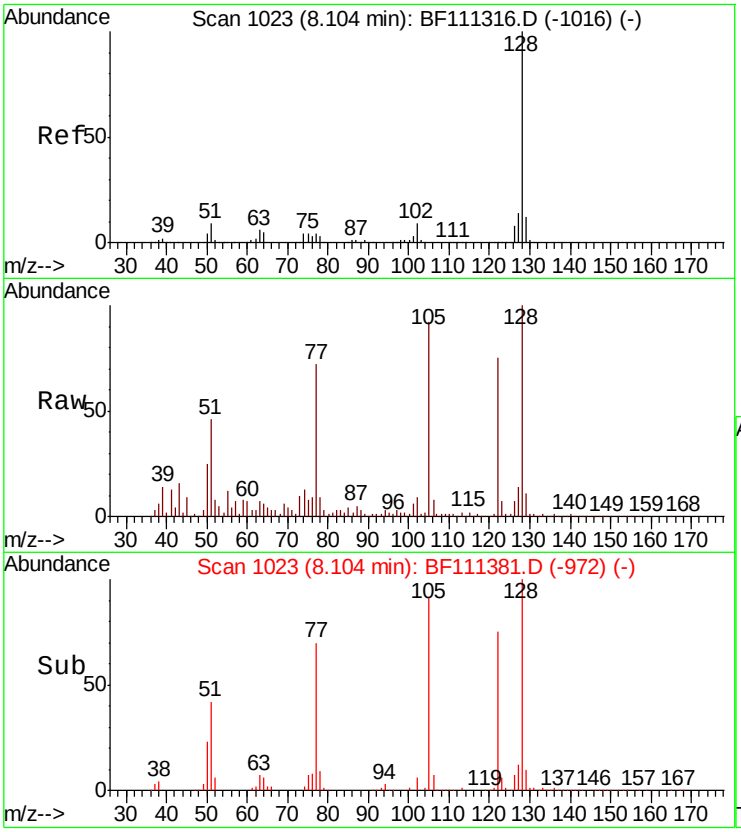


#28
bis(2-Chloroethoxy)methane
Concen: 3.569 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.03 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion: 93 Resp: 67925

Ion	Ratio	Lower	Upper
93	100		
95	19.2	27.1	40.7#
123	13.9	9.9	14.9



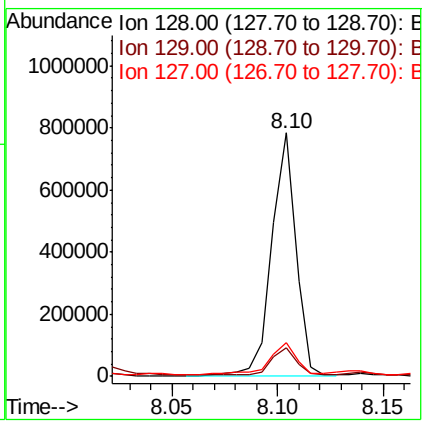


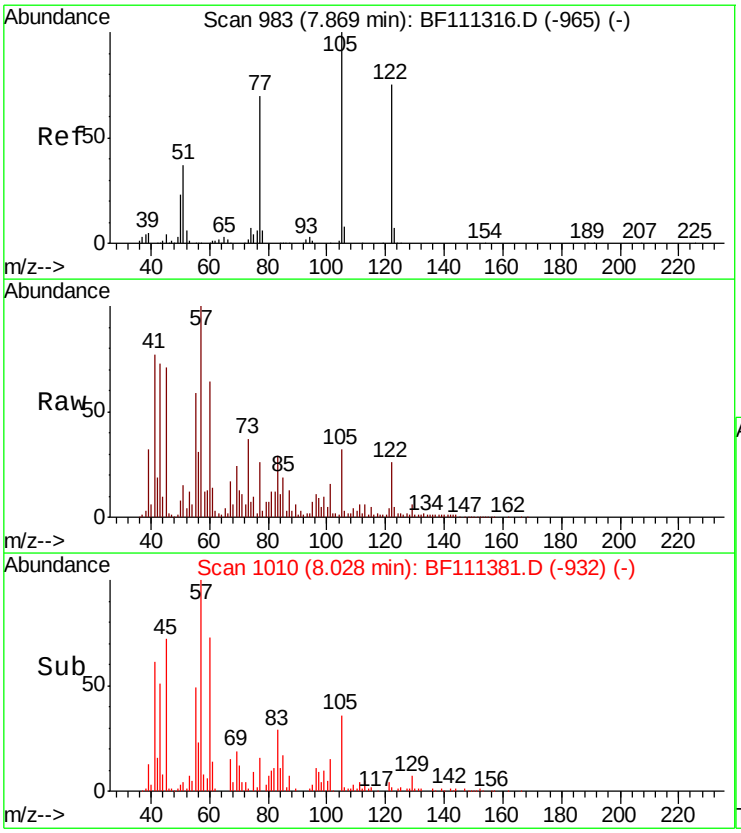
#31
Naphthalene
Concen: 14.561 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:128 Resp: 624136

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.9	12.0	18.0

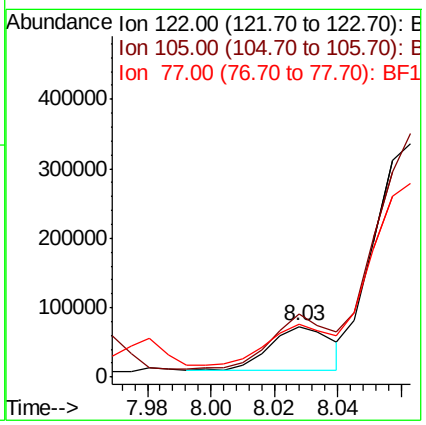


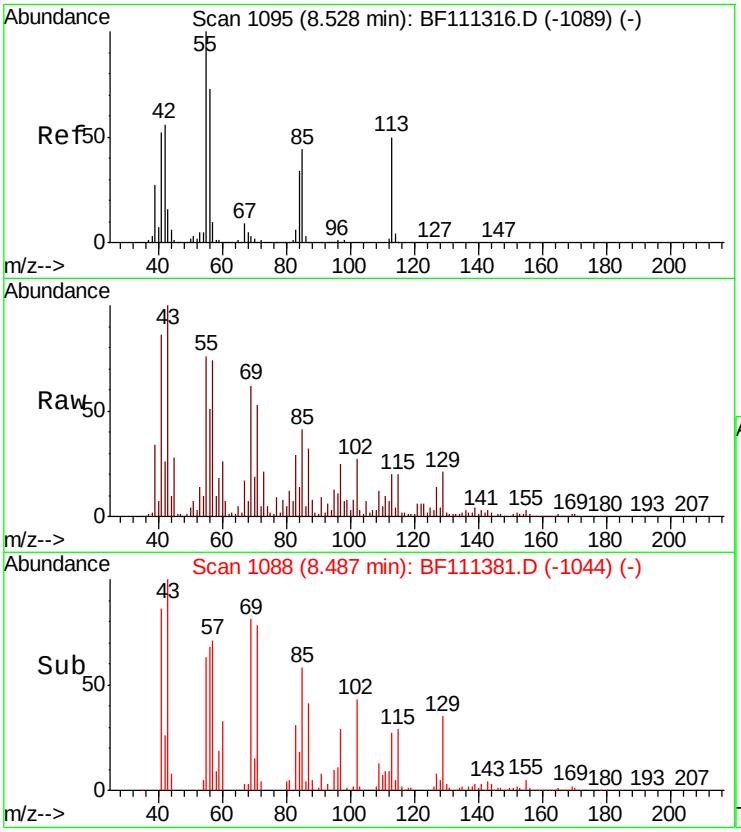


#32
Benzoic acid
Concen: 8.260 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.16 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:122 Resp: 86141

Ion	Ratio	Lower	Upper
122	100		
105	124.7	97.0	137.0
77	103.1	65.7	105.7



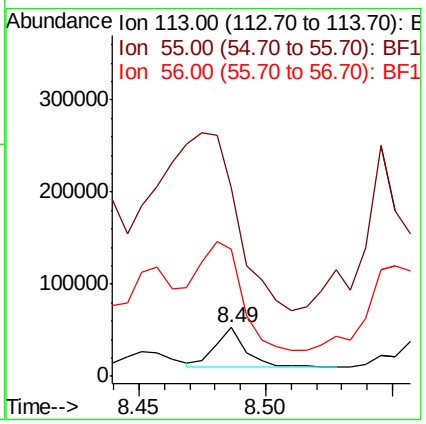


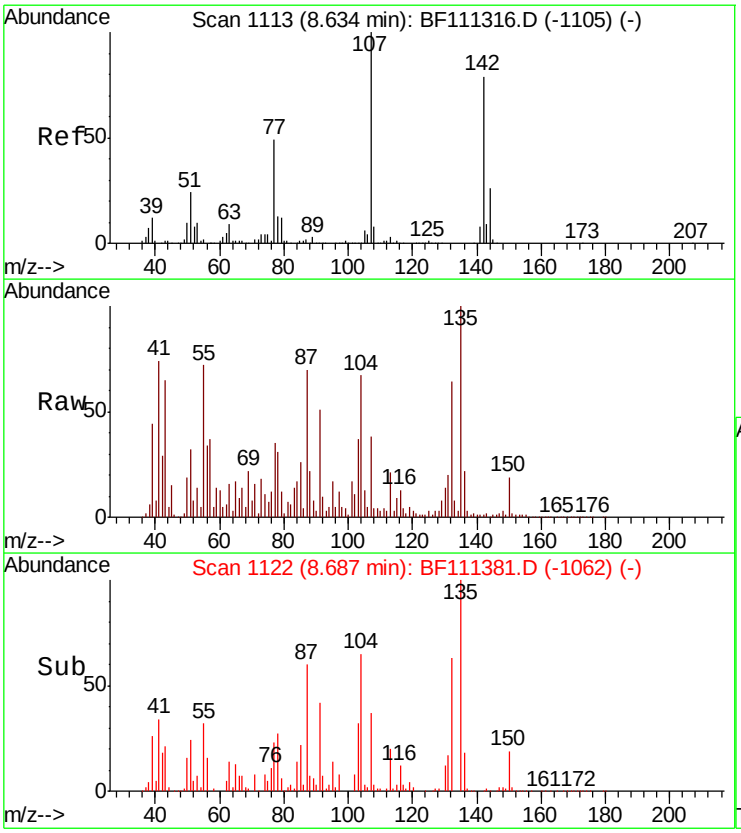
#35
Caprolactam
Concen: 8.306 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:113 Resp: 38087

Ion	Ratio	Lower	Upper
113	100		
55	386.1	184.1	224.1#
56	260.7	126.0	166.0#

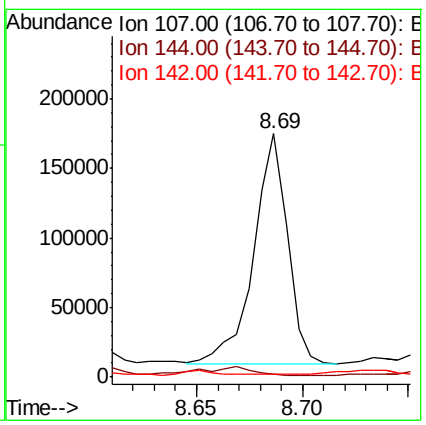


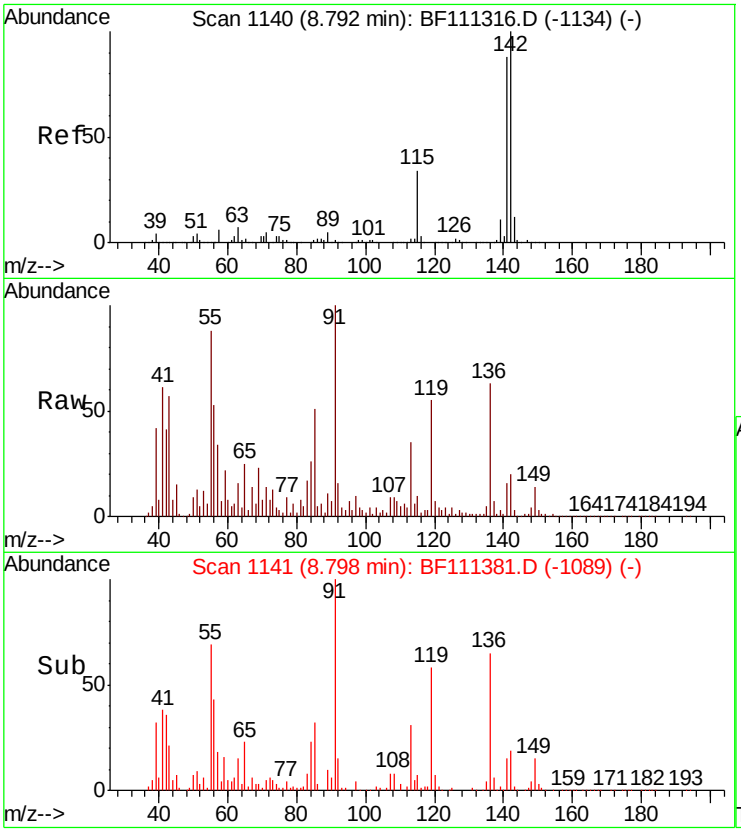


#36
4-Chloro-3-methylphenol
Concen: 13.303 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.05 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:107 Resp: 185507

Ion	Ratio	Lower	Upper
107	100		
144	1.1	19.8	29.6#
142	1.3	62.3	93.5#



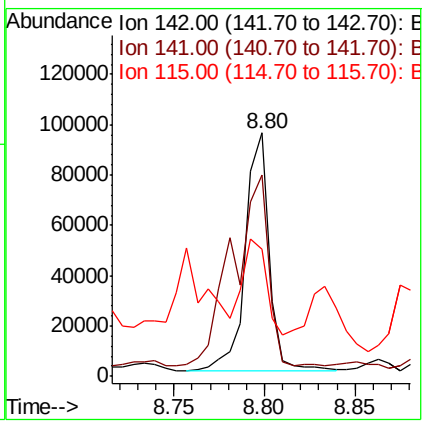


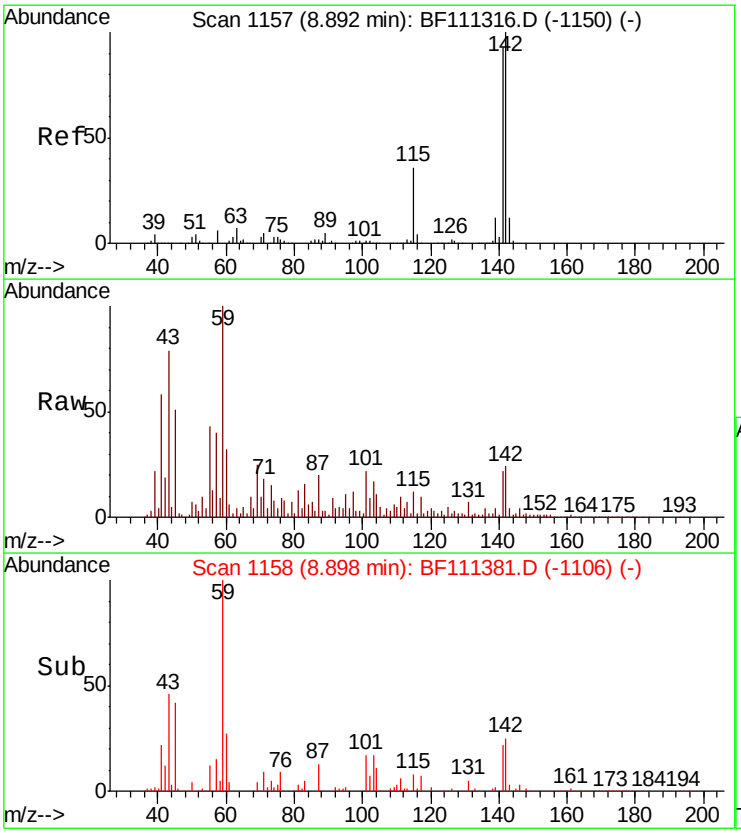
#37
2-Methylnaphthalene
Concen: 3.087 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:142 Resp: 85526

Ion	Ratio	Lower	Upper
142	100		
141	82.7	70.6	105.8
115	52.1	27.0	40.6#

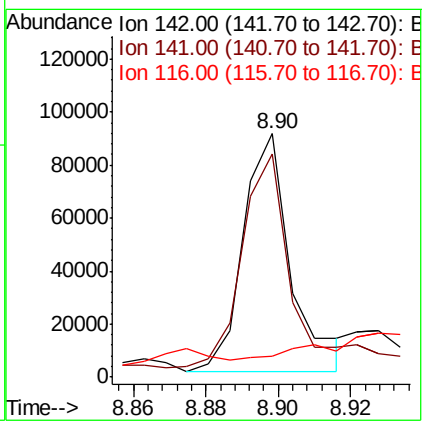


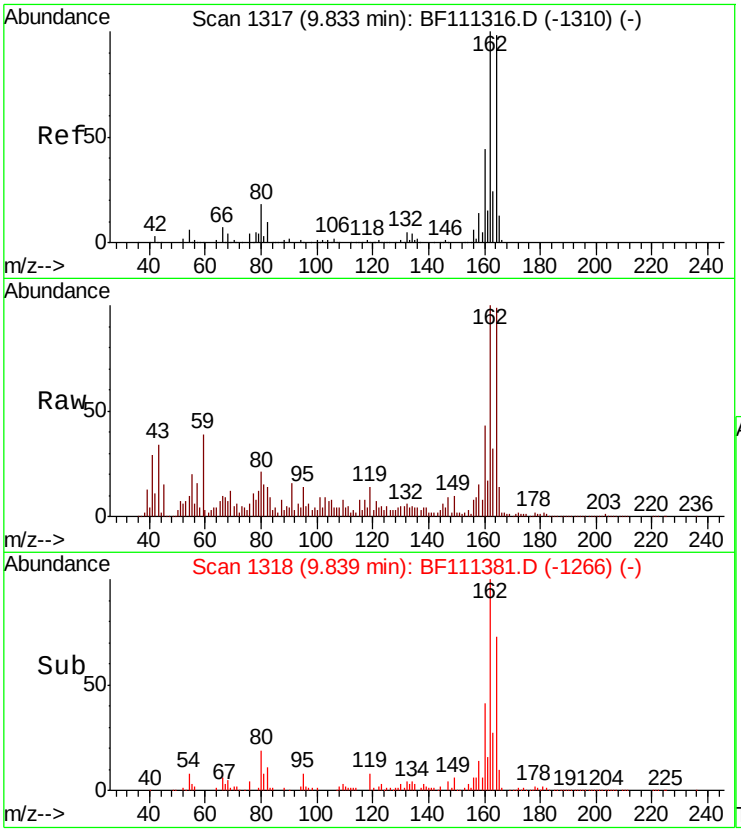


#38
1-Methylnaphthalene
Concen: 3.087 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:142 Resp: 82561

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	8.8	2.9	4.3#



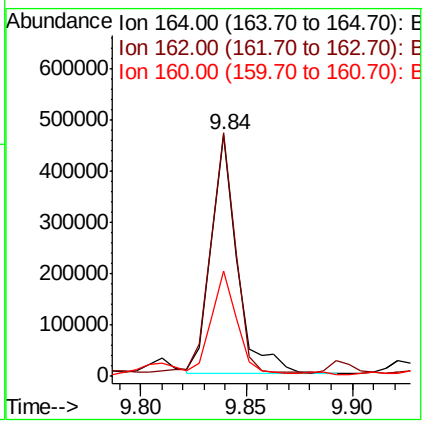


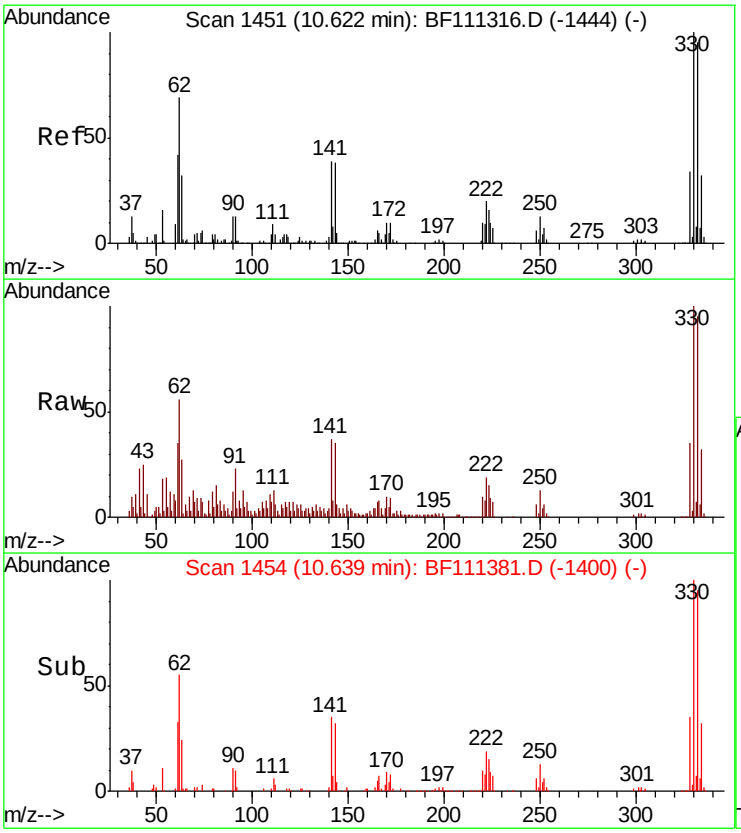
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:164 Resp: 405598

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	43.6	35.7	53.5

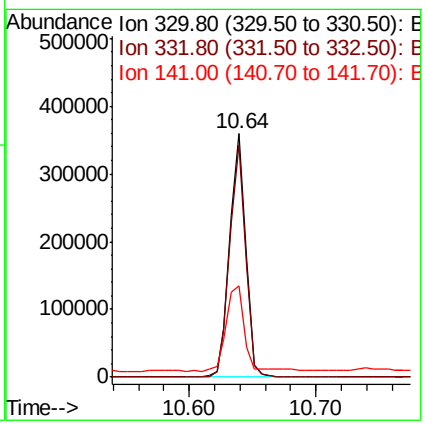


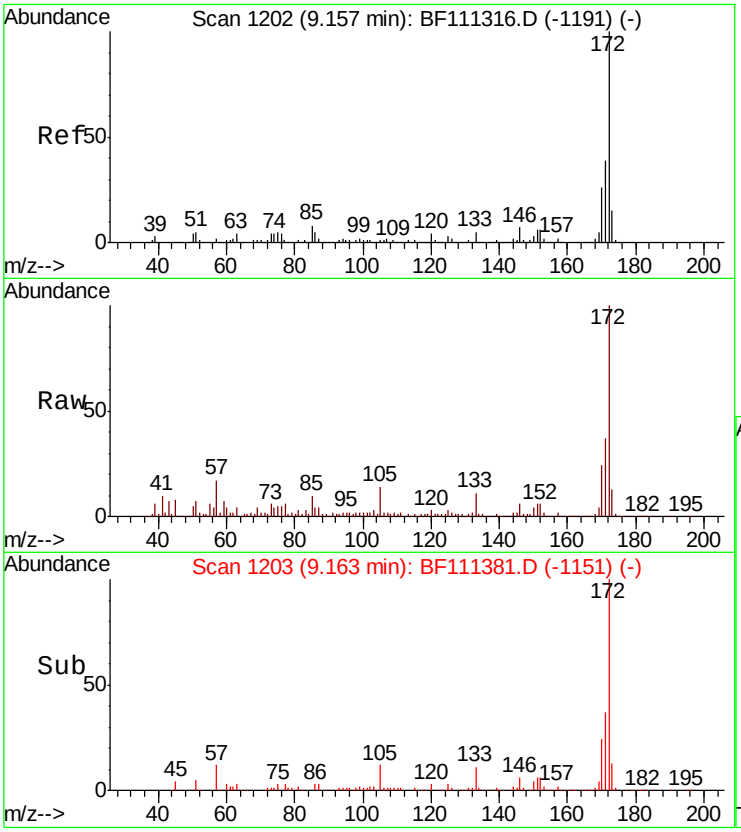


#42
2,4,6-Tribromophenol
Concen: 87.474 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:330 Resp: 312756

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	39.1	31.0	46.6



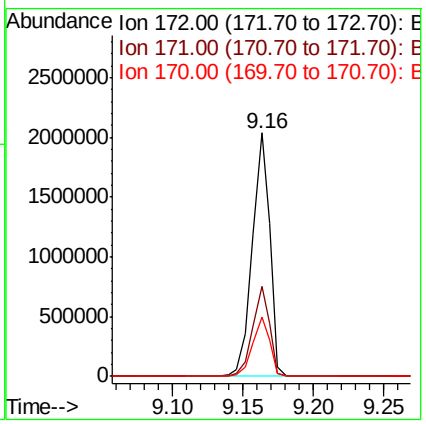


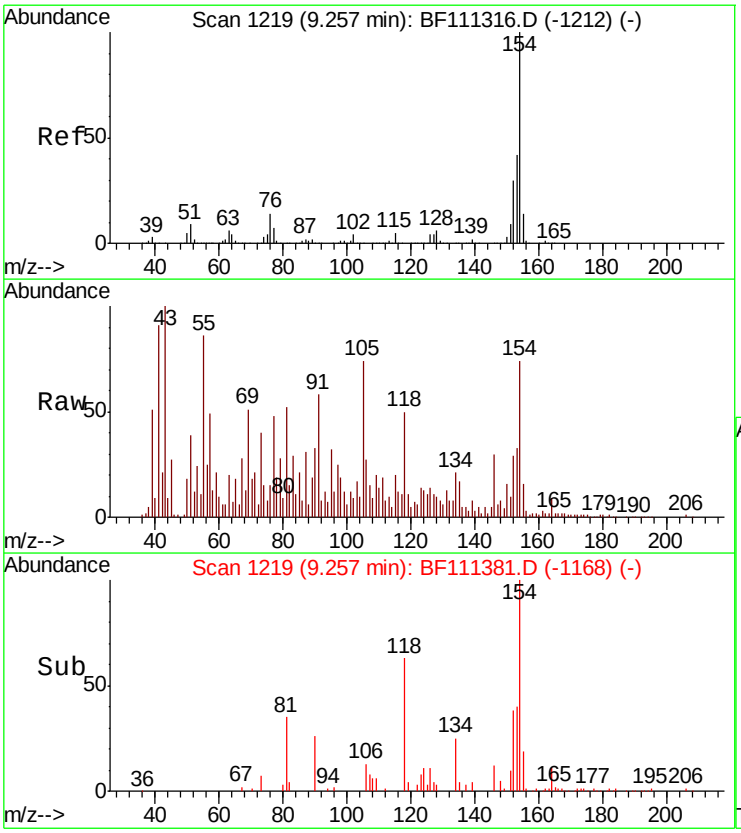
#45
2-Fluorobiphenyl
Concen: 70.310 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:172 Resp: 1776248

Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	24.3	22.3	33.5

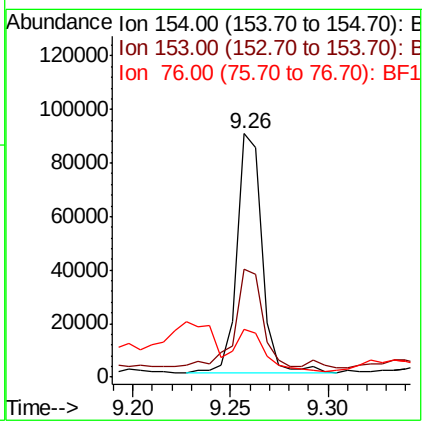


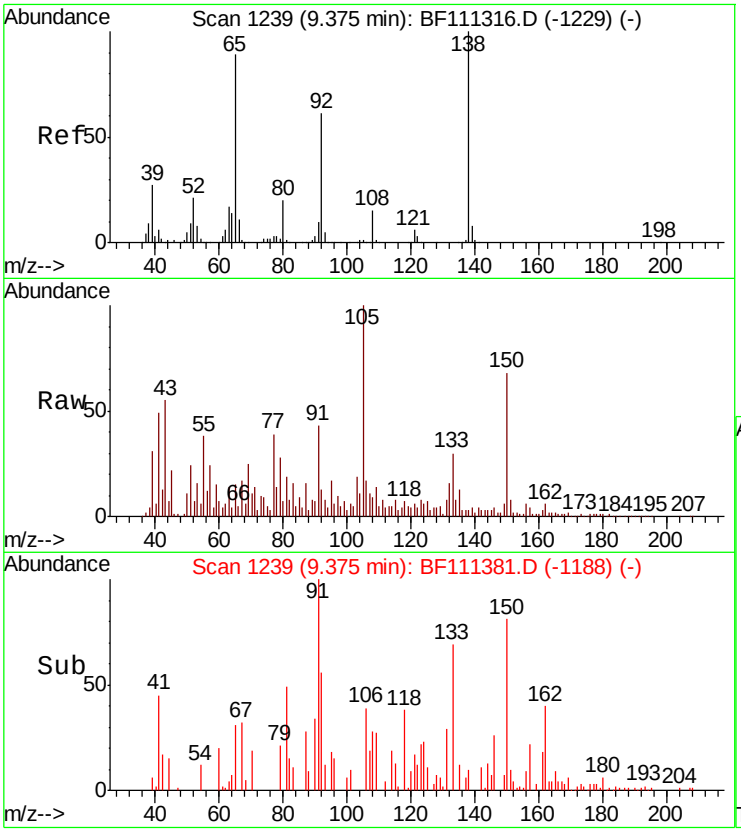


#46
1,1'-Biphenyl
Concen: 2.304 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:154 Resp: 79731

Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.7	63.7
76	19.8	0.0	35.0



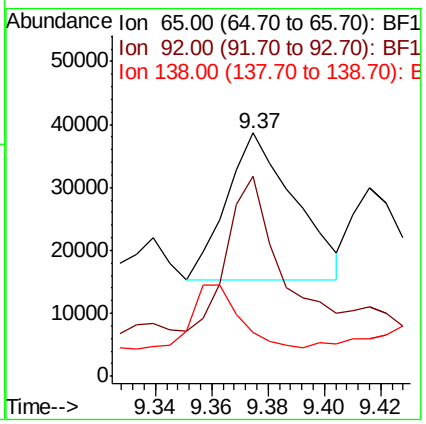


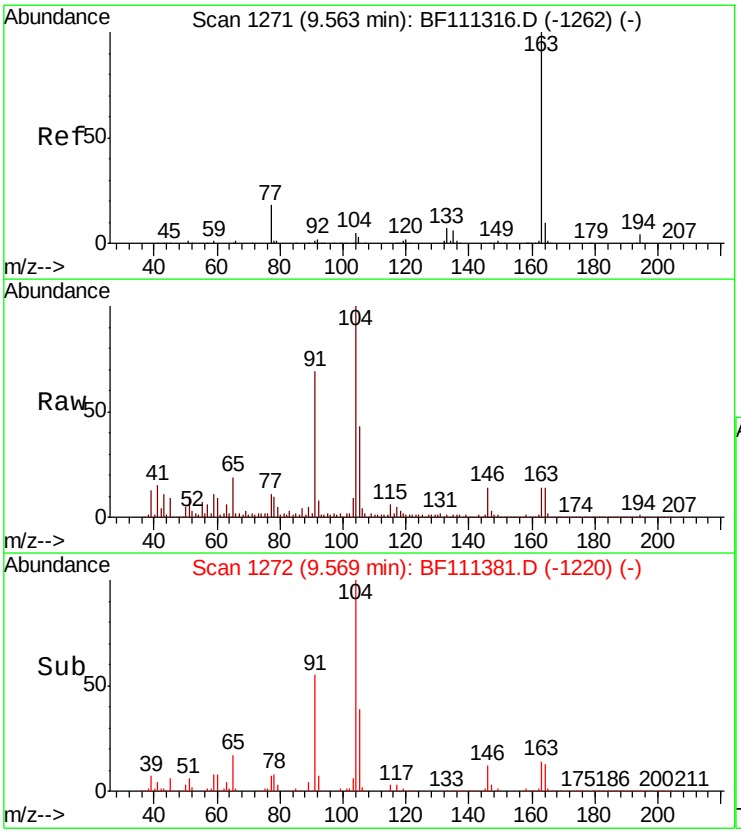
#48
2-Nitroaniline
Concen: 4.569 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion: 65 Resp: 39352

Ion	Ratio	Lower	Upper
65	100		
92	82.3	53.5	80.3#
138	17.8	80.9	121.3#

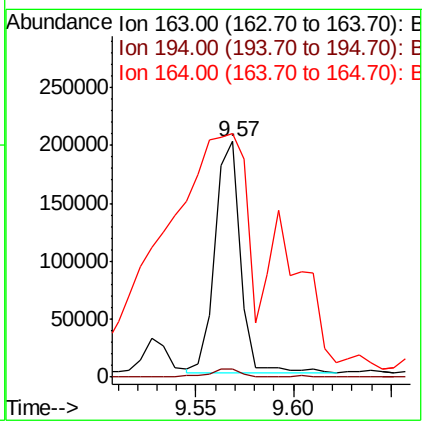


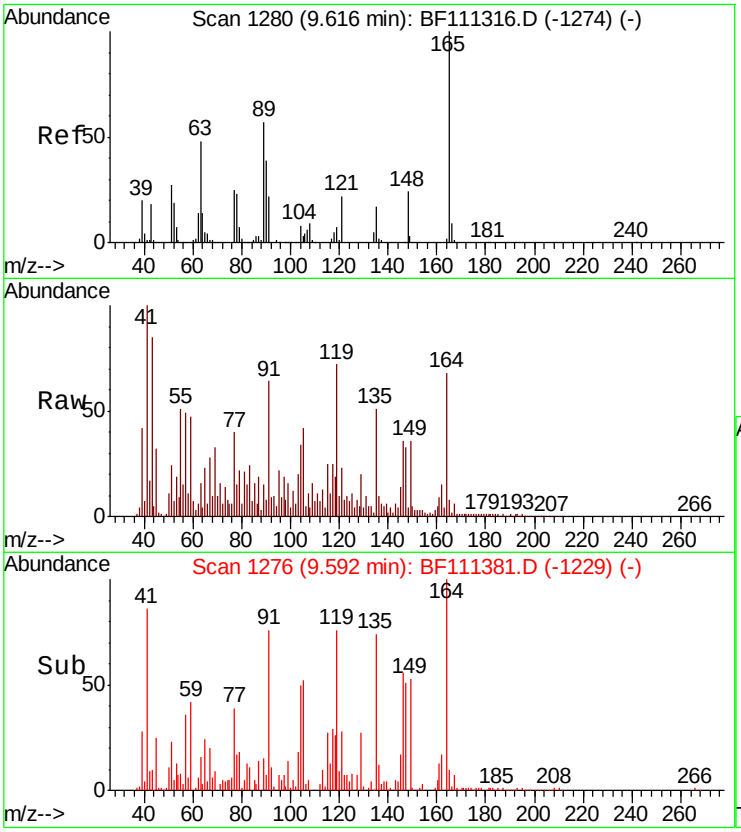


#50
Dimethylphthalate
Concen: 6.152 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:163 Resp: 179437

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	103.2	8.9	13.3#



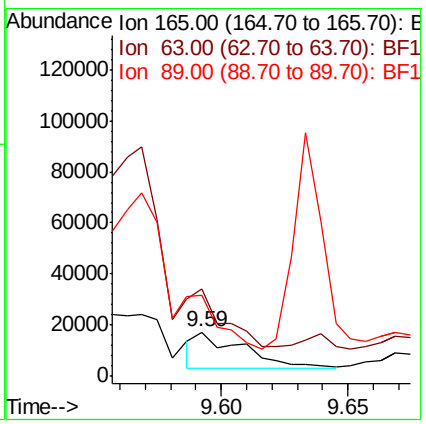


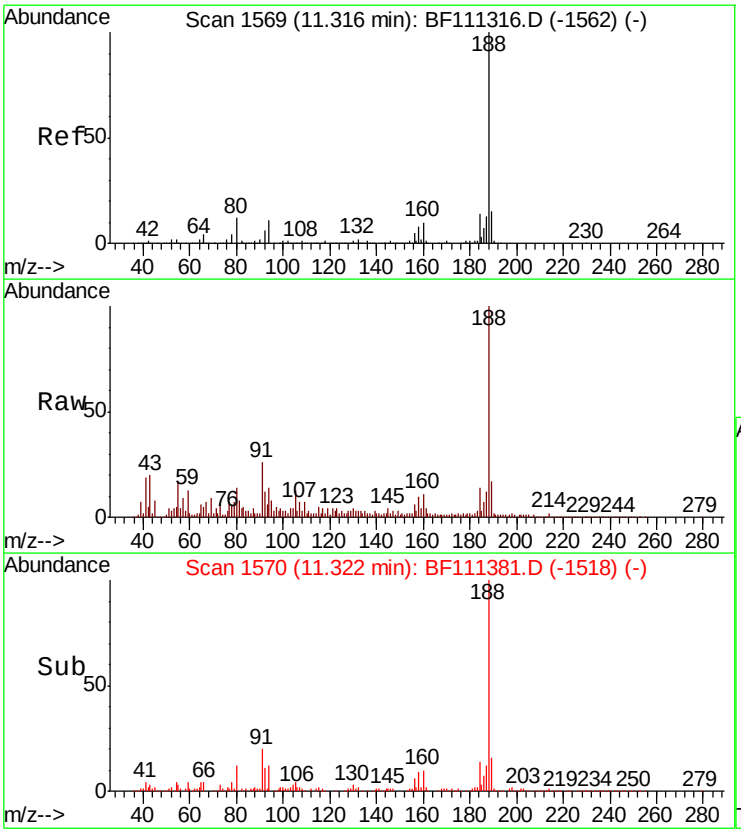
#51
2,6-Dinitrotoluene
Concen: 2.895 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:165 Resp: 18718

Ion	Ratio	Lower	Upper
165	100		
63	199.7	40.5	60.7#
89	184.0	40.0	60.0#

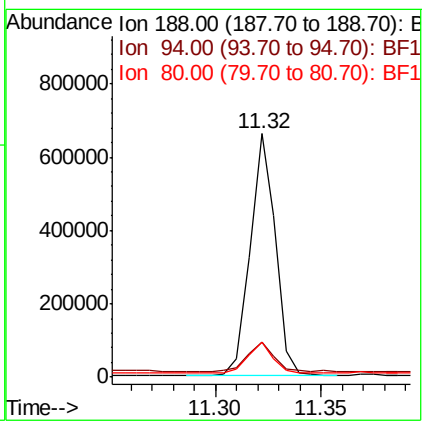


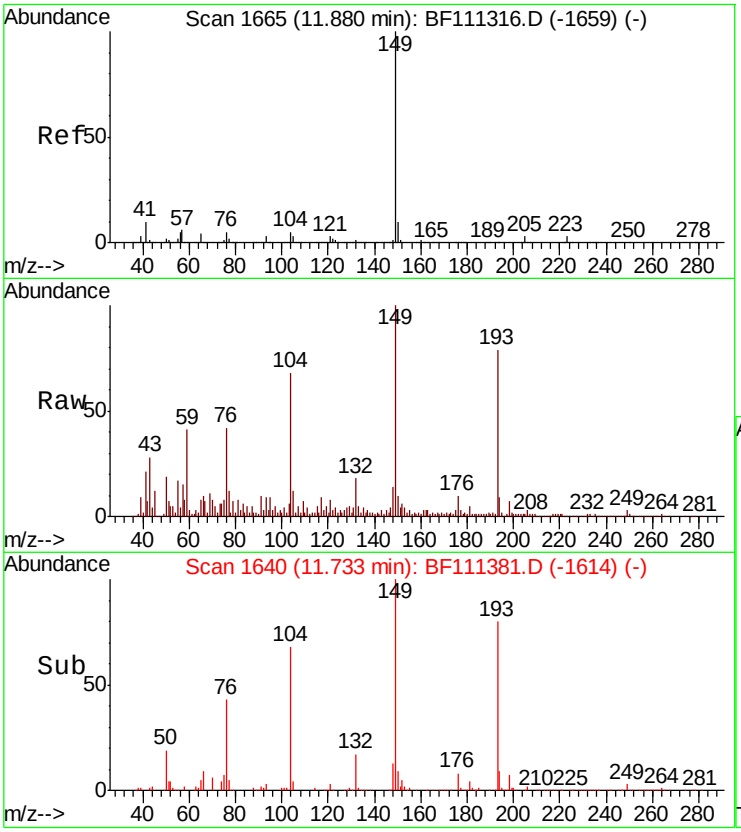


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:188 Resp: 546301

Ion	Ratio	Lower	Upper
188	100		
94	14.2	9.6	14.4
80	14.1	9.8	14.6



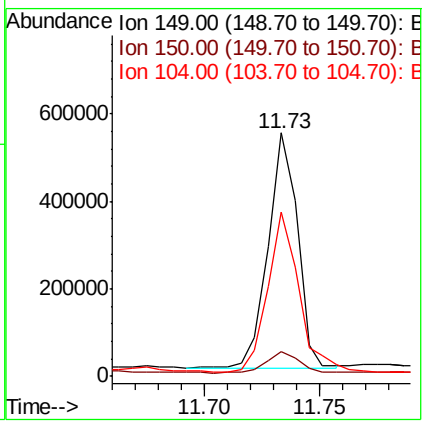


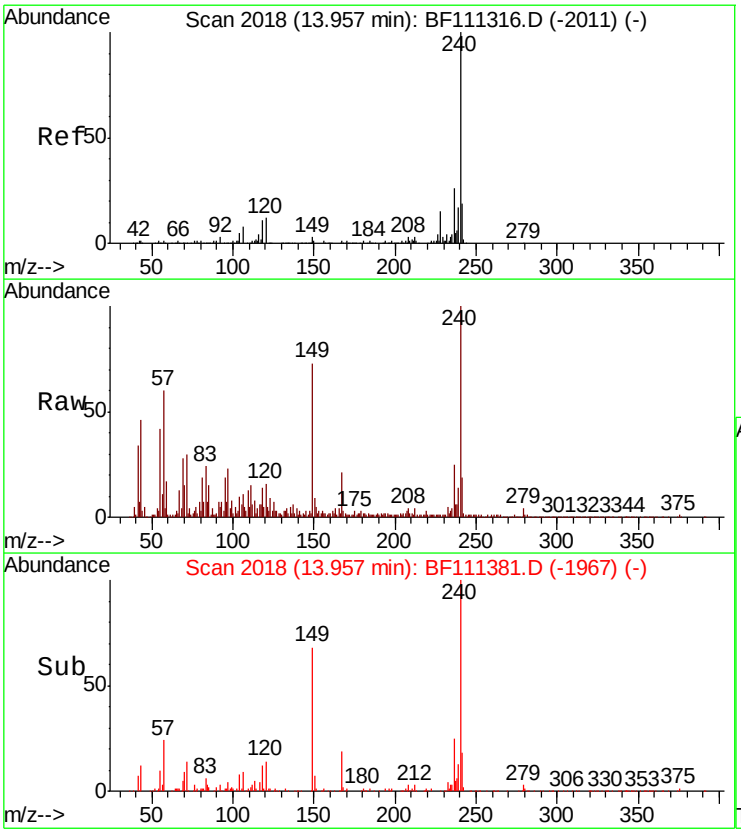
#74
Di-n-butylphthalate
Concen: 13.992 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.15 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:149 Resp: 473630

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.8	13.2
104	67.6	4.5	6.7#

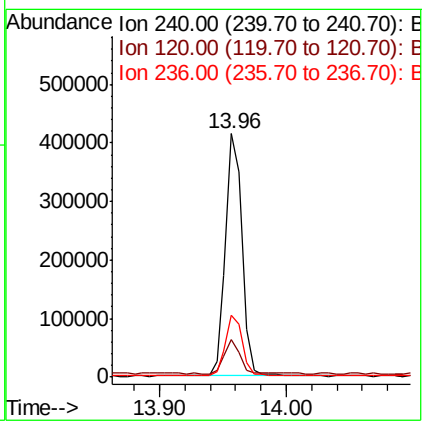


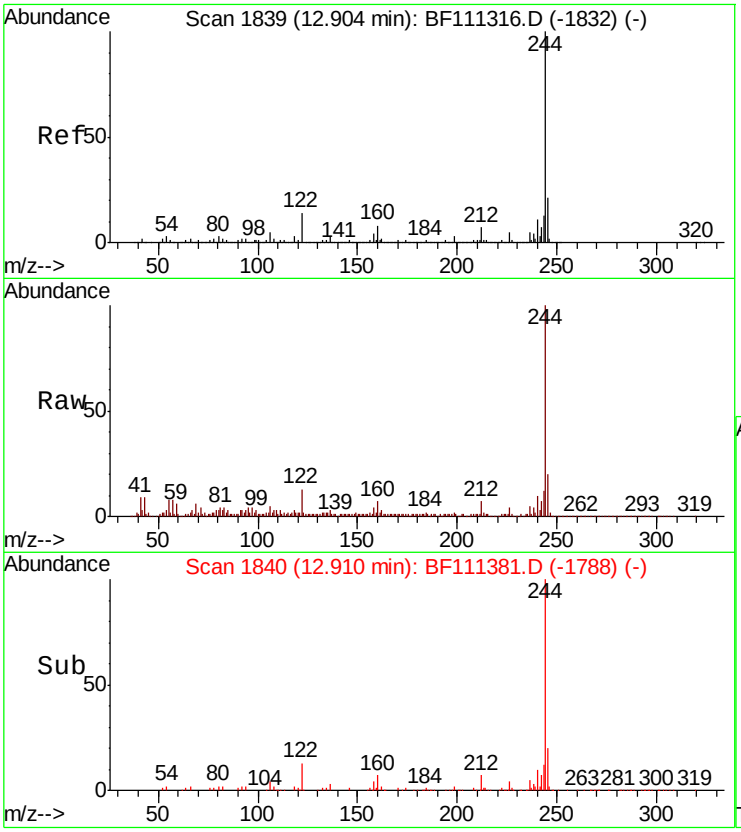


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:240 Resp: 376128

Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.2	18.2
236	25.3	20.2	30.2



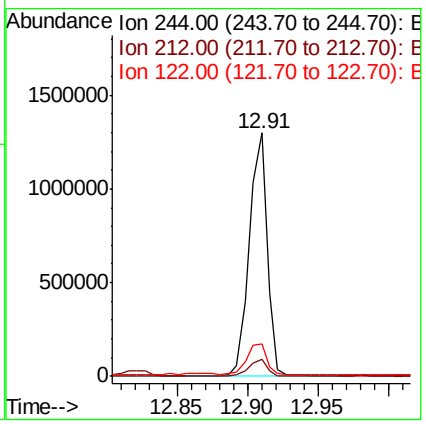


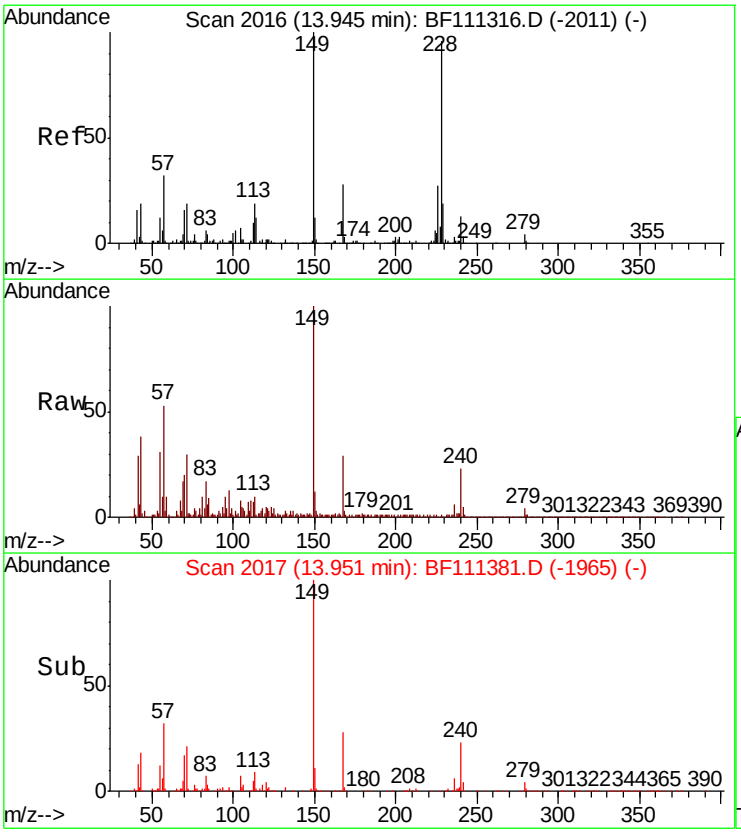
#79
Terphenyl-d14
Concen: 67.889 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:244 Resp: 1160183

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.5	13.1	19.7

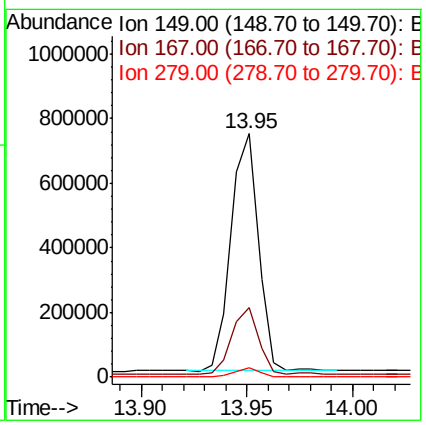


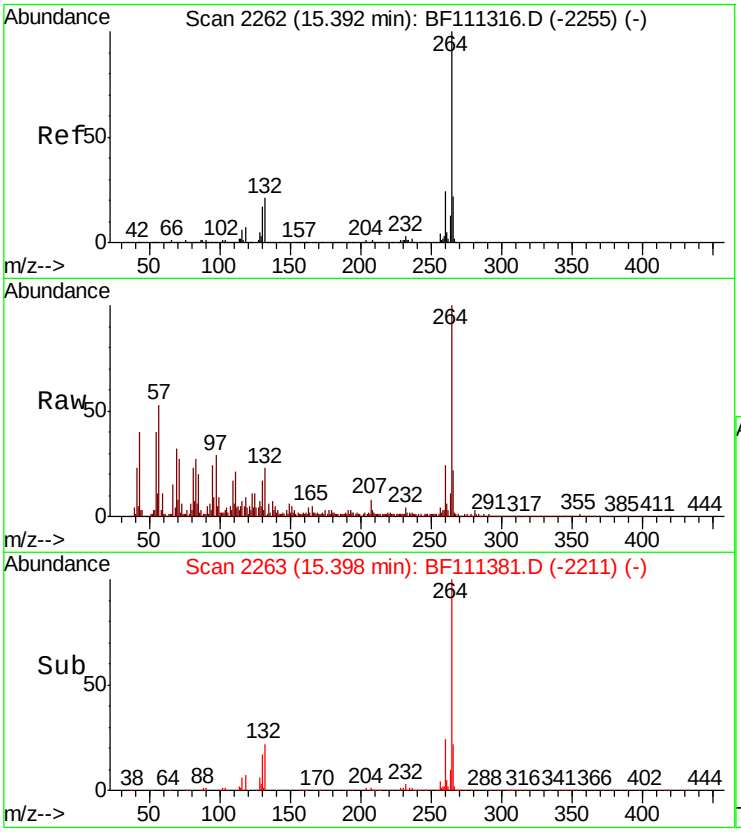


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.522 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion:149 Resp: 656366

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	3.7	2.6	4.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tgt Ion:264 Resp: 310863

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.2	17.7	26.5