Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110839.D
Acq On : 17 Nov 2018 2:26
Operator : JU/SJ
Sample : J5967-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FDSB-14

Quant Time: Nov 17 03:45:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57647	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	202026	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	87351	20.00	ng	0.01
64) Phenanthrene-d10	11.49	188	153856	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143354	20.00	ng	-0.01
87) Perylene-d12	15.66	264	93984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	349921	98.60	ng	0.00
7) Phenol-d6	6.56	99	440611	97.09	ng	-0.01
23) Nitrobenzene-d5	7.50	82	259086	73.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	75966	86.31	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	378565	61.90	ng	0.00
79) Terphenyl-d14	13.06	244	360529	47.10	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	484	Below Cal	#	1
10) Phenol	6.57	94	26689	5.072	ng	# 77
15) Benzyl Alcohol	7.09	79	8931	2.515	ng	# 58
19) n-Nitroso-di-n-propylamine	7.36	70	17313	5.976	ng	# 66
25) Isophorone	7.75	82	40111	6.976	ng	# 1
26) 2-Nitrophenol	7.86	139	4002	2.232	ng	# 1
27) 2,4-Dimethylphenol	7.87	122	19442	7.120	ng	# 1
32) Benzoic acid	8.01	122	9348	4.838	ng	# 27
35) Caprolactam	8.67	113	19738	21.026	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	17968	5.929	ng	# 23
48) 2-Nitroaniline	9.51	65	4205	2.324	ng	# 67
50) Dimethylphthalate	9.70	163	92385	14.174	ng	# 73
51) 2,6-Dinitrotoluene	9.80	165	16055	11.197	ng	# 37
53) 3-Nitroaniline	9.95	138	17542	10.560	ng	# 20
54) 2,4-Dinitrophenol	10.05	184	562	5.628	ng	# 1
56) 4-Nitrophenol	10.10	139	7144	6.482	ng	# 1
57) 2,4-Dinitrotoluene	10.22	165	12935	6.938	ng	# 48
62) 4-Nitroaniline	10.46	138	15834	9.466	ng	85
66) n-Nitrosodiphenylamine	10.65	169	26001	5.014	ng	# 45

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

Quantitation Report (Not Reviewed)

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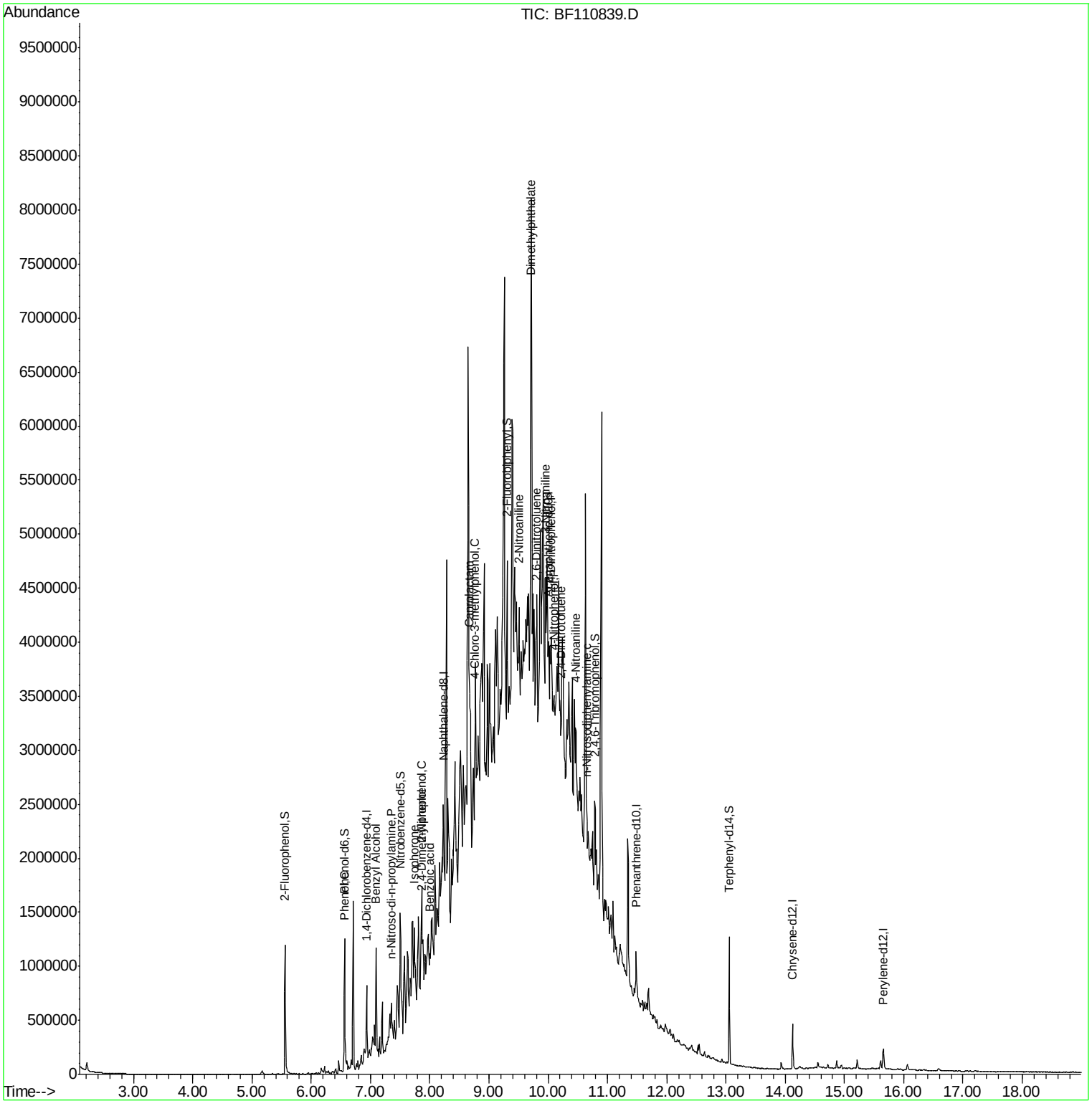
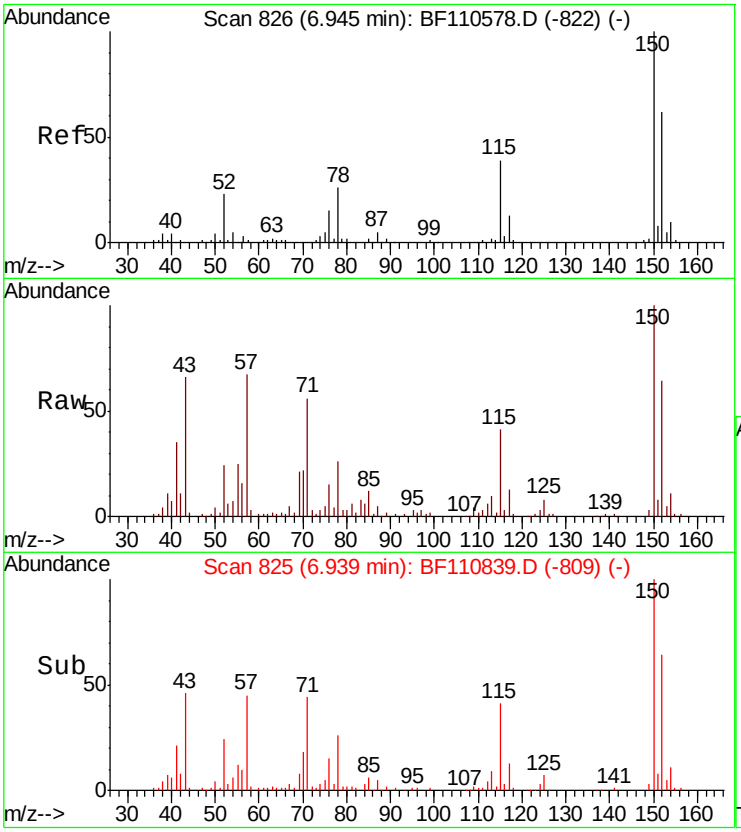


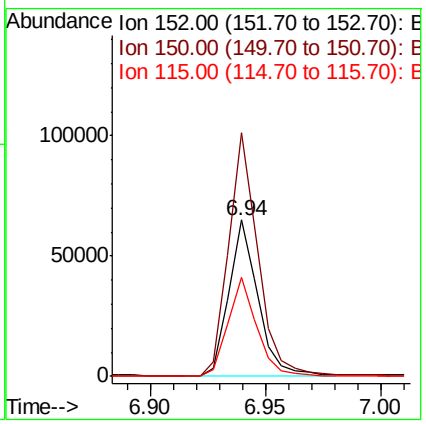


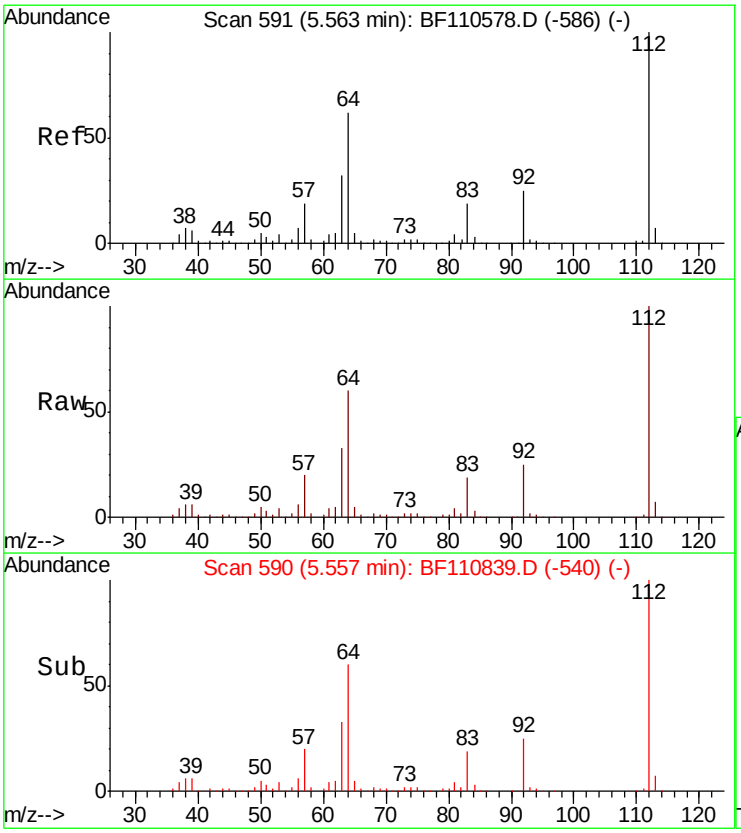
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:152 Resp: 57647

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	63.6	49.1	73.7

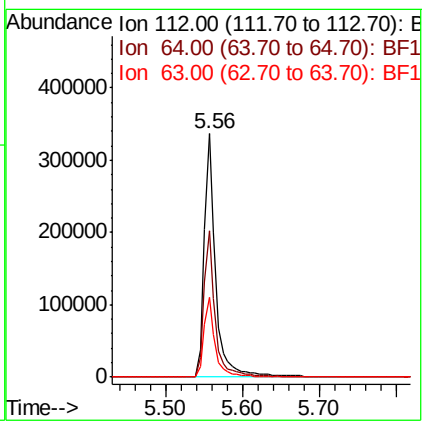


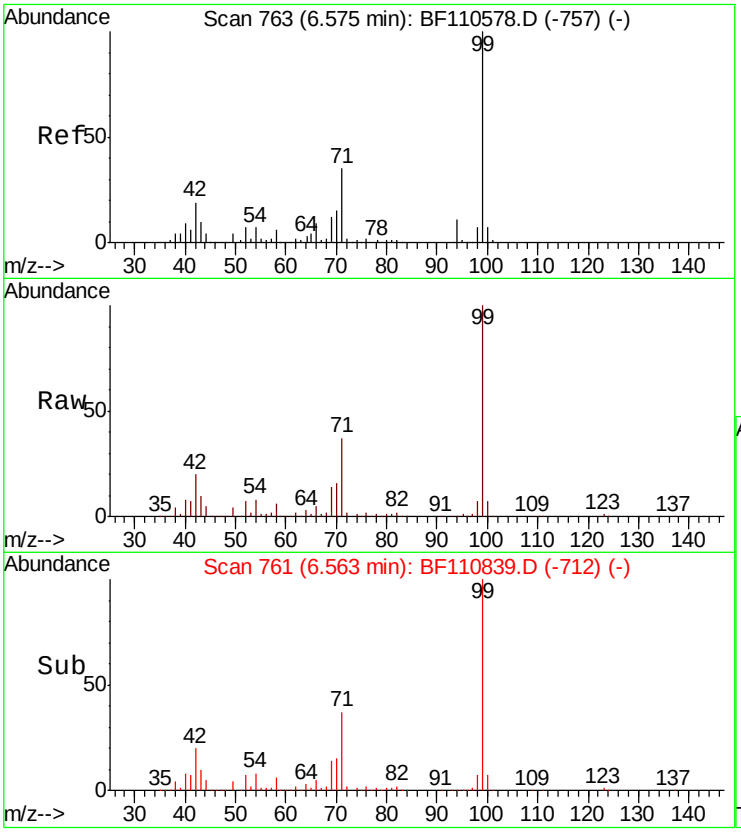


#5
2-Fluorophenol
Concen: 98.597 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:112 Resp: 349921

Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	33.0	23.7	35.5



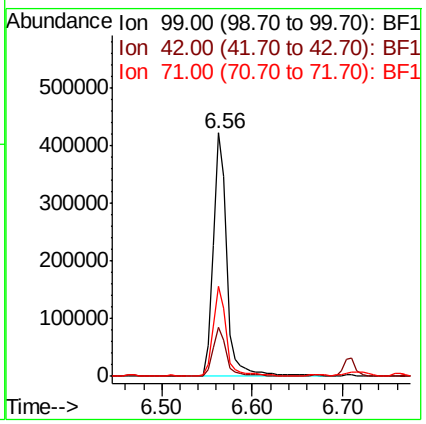


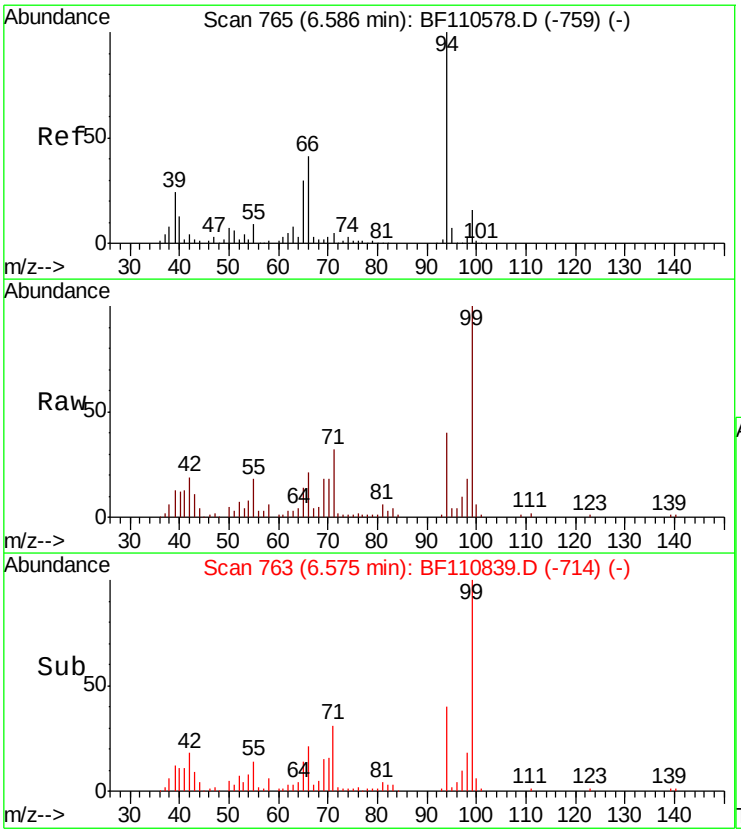
#7
Phenol-d6
Concen: 97.087 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion: 99 Resp: 440611

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	36.9	28.0	42.0

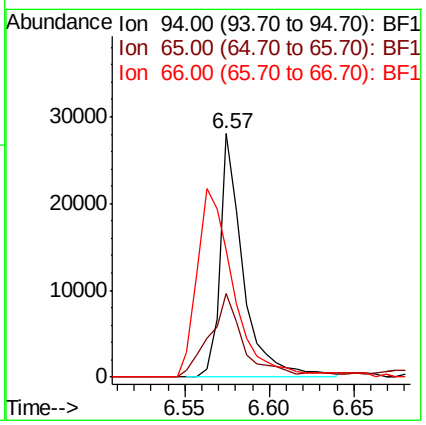


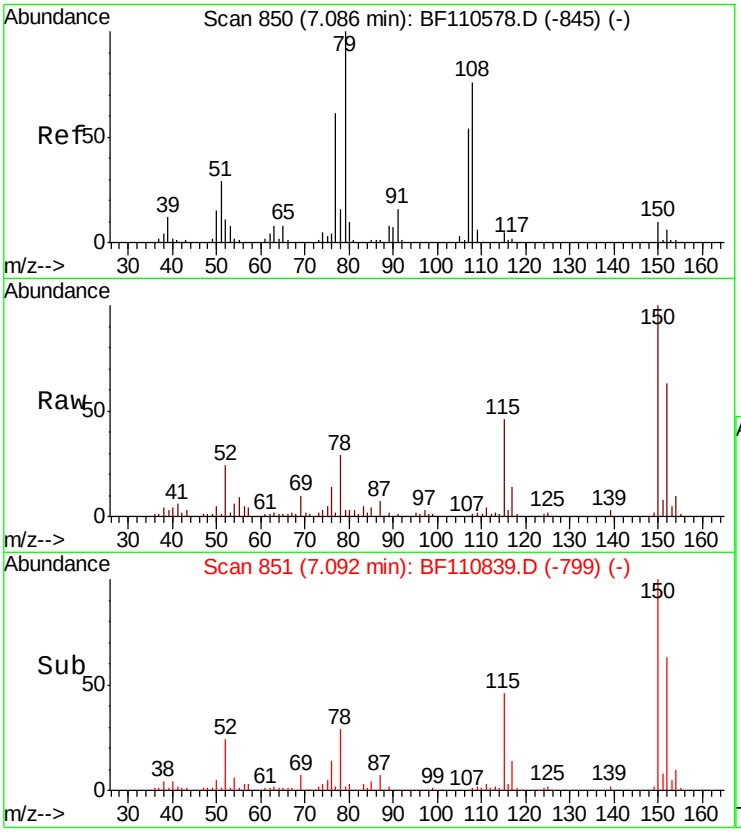


#10
Phenol
Concen: 5.072 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion: 94 Resp: 26689

Ion	Ratio	Lower	Upper
94	100		
65	34.2	25.3	65.3
66	52.4	54.5	94.5#



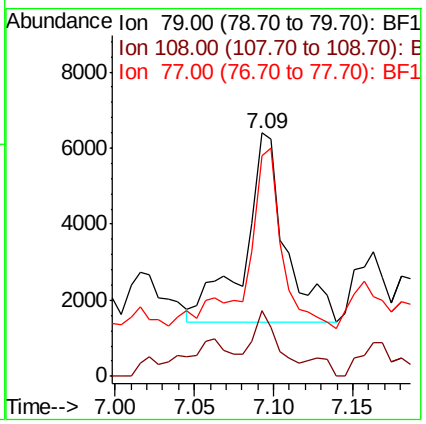


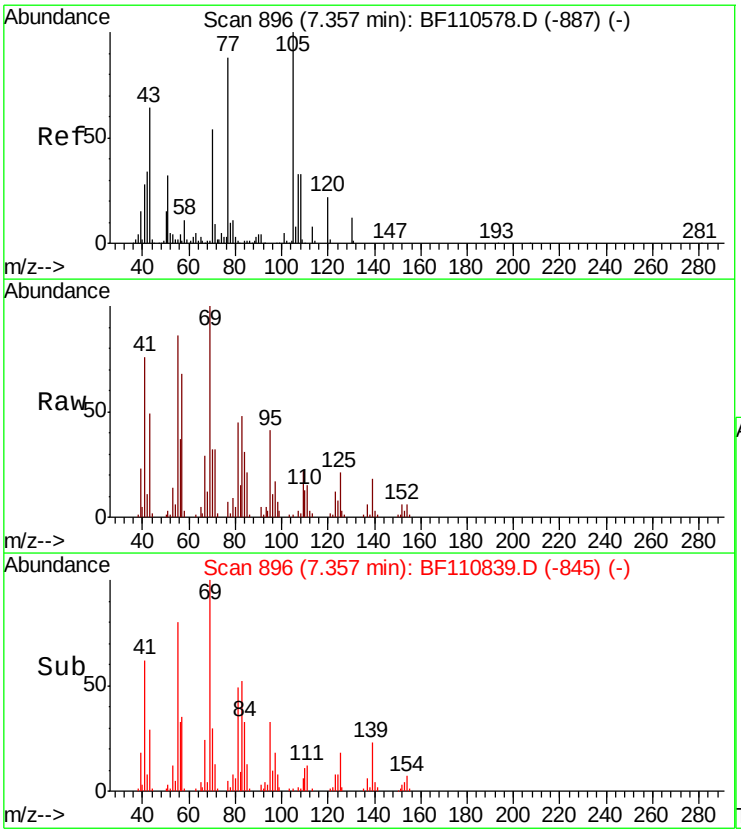
#15
Benzyl Alcohol
Concen: 2.515 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion: 79 Resp: 8931

Ion	Ratio	Lower	Upper
79	100		
108	27.1	56.3	84.5#
77	90.6	52.9	79.3#

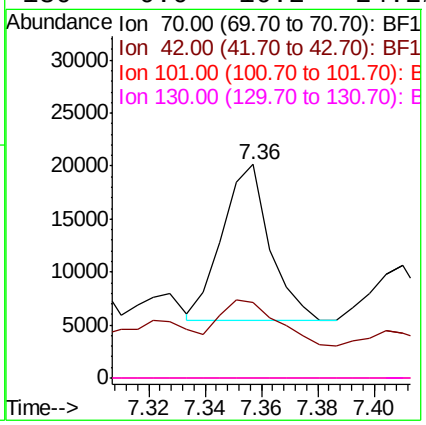


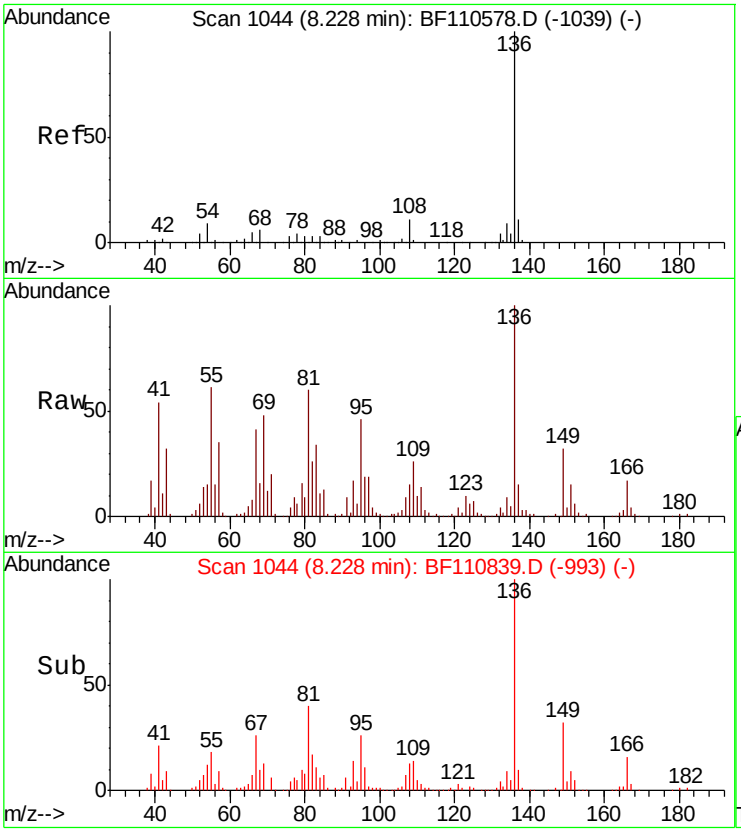


#19
n-Nitroso-di-n-propylamine
Concen: 5.976 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion: 70 Resp: 17313

Ion	Ratio	Lower	Upper
70	100		
42	35.3	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



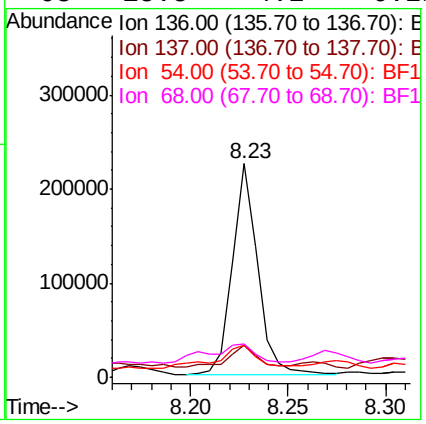


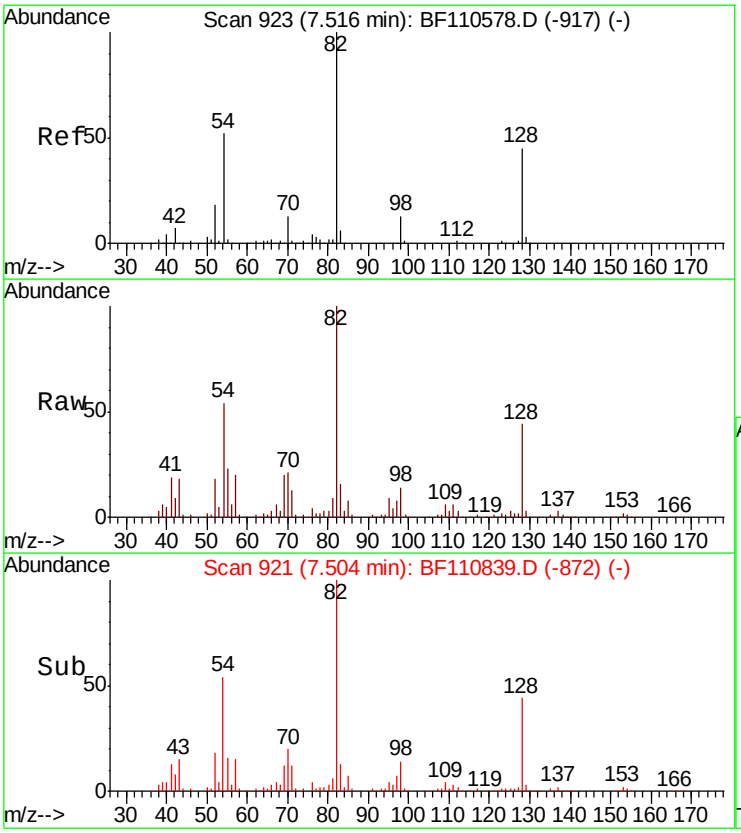
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:136 Resp: 202026

Ion	Ratio	Lower	Upper
136	100		
137	14.8	8.8	13.2#
54	15.3	5.4	8.2#
68	15.5	4.2	6.2#

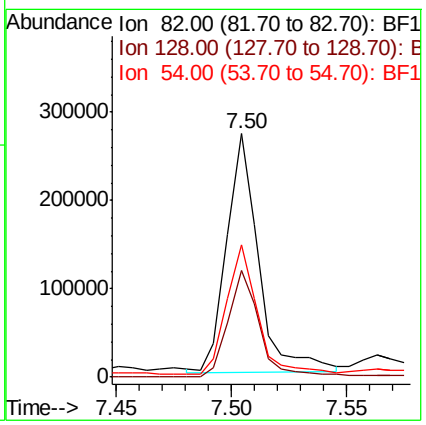


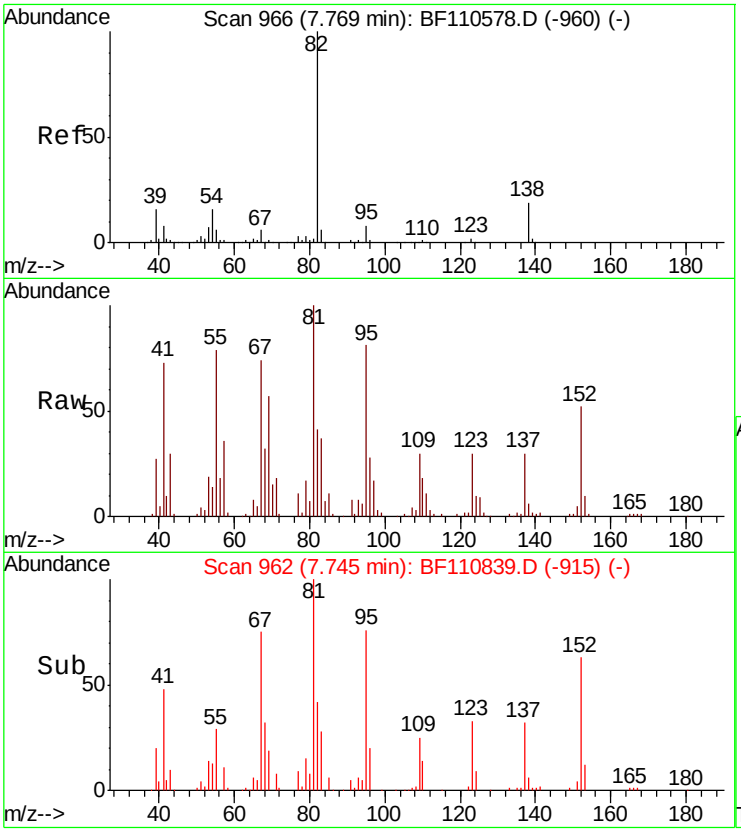


#23
Nitrobenzene-d5
Concen: 73.855 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion: 82 Resp: 259086

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	54.2	38.6	58.0



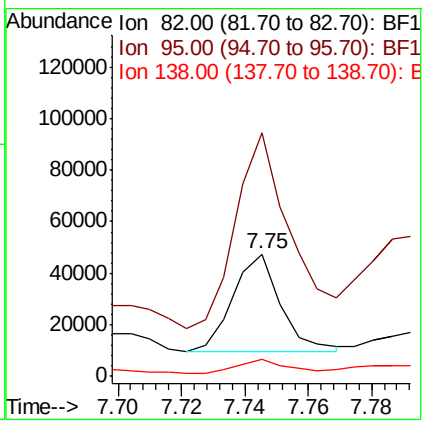


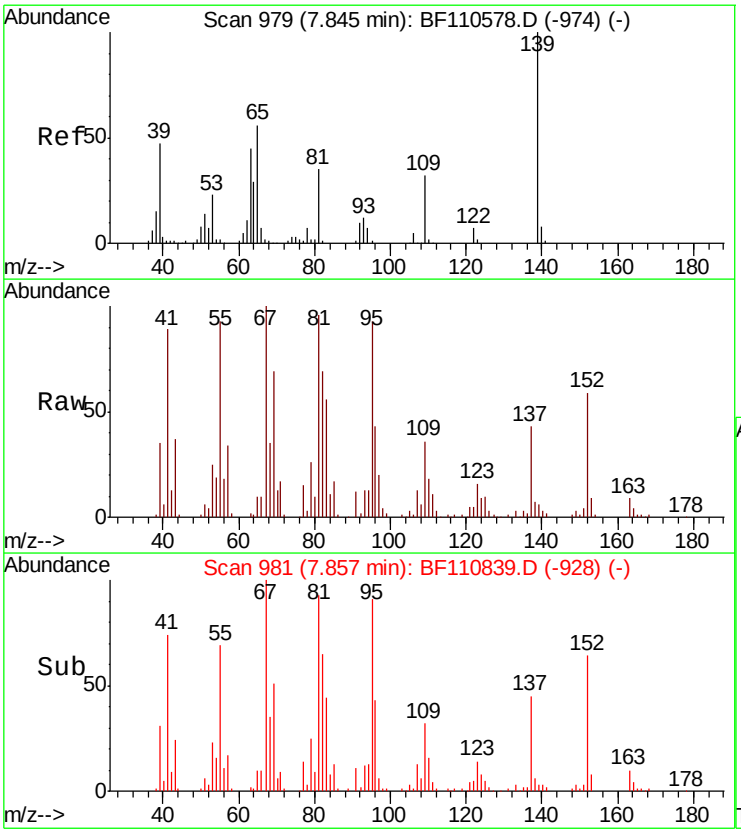
#25
Isophorone
Concen: 6.976 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion: 82 Resp: 40111

Ion	Ratio	Lower	Upper
82	100		
95	198.9	5.7	8.5#
138	13.4	13.2	19.8

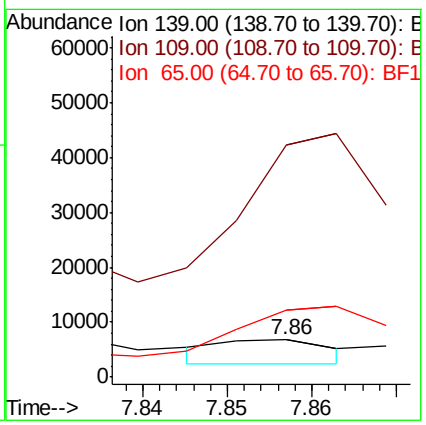


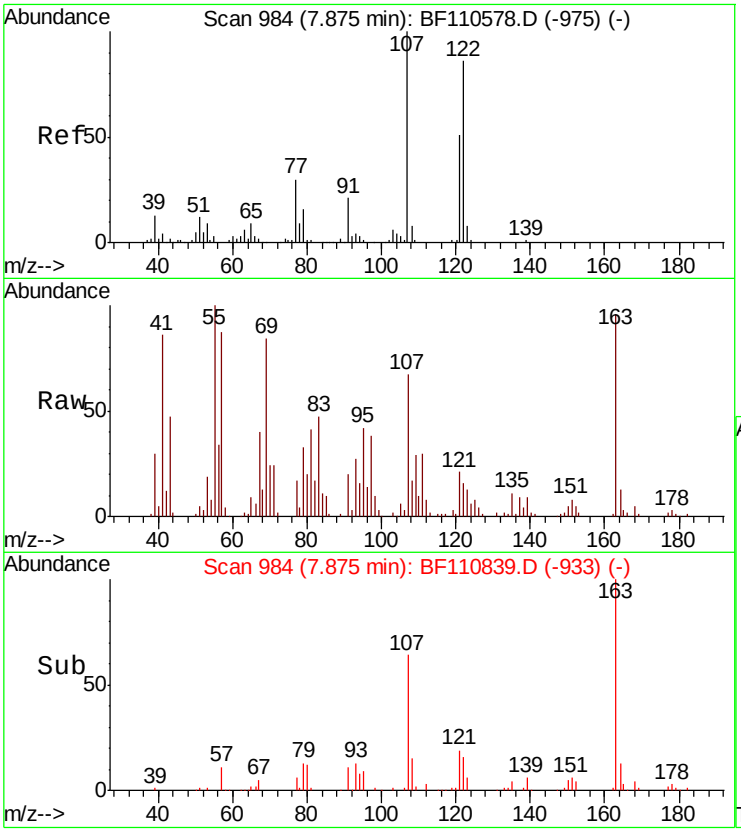


#26
2-Nitrophenol
Concen: 2.232 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:139 Resp: 4002

Ion	Ratio	Lower	Upper
139	100		
109	630.3	25.0	37.6#
65	180.8	44.0	66.0#



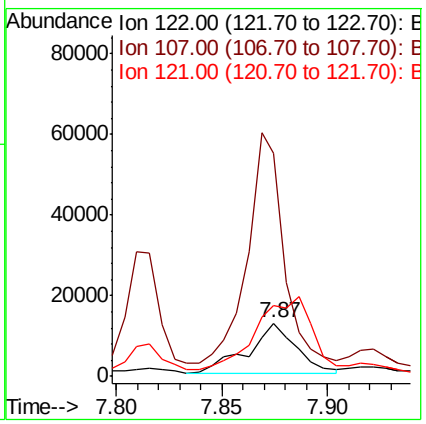


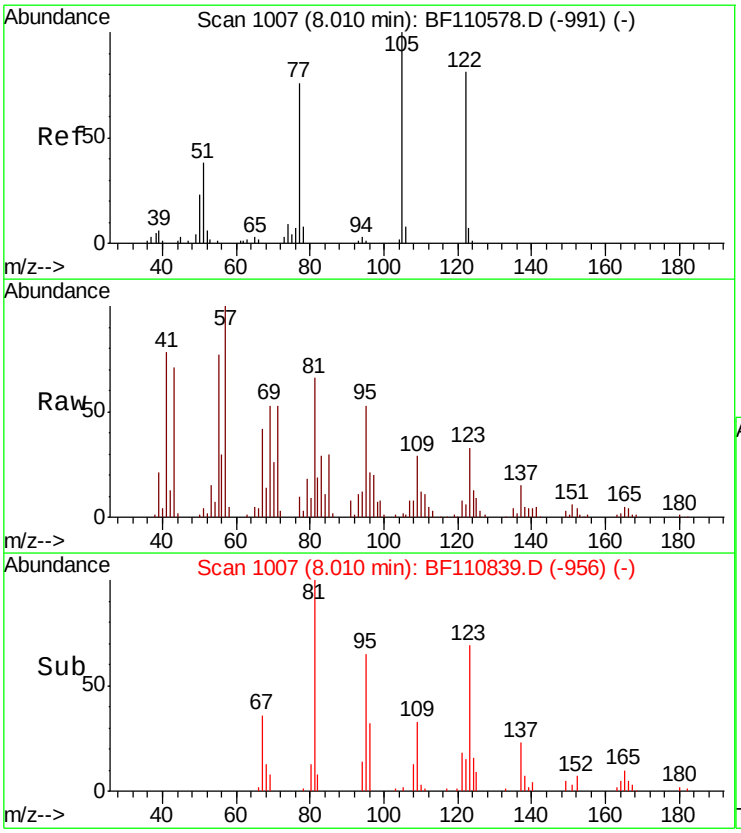
#27
2,4-Dimethylphenol
Concen: 7.120 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:122 Resp: 19442

Ion	Ratio	Lower	Upper
122	100		
107	417.9	92.5	138.7#
121	132.6	45.8	68.8#

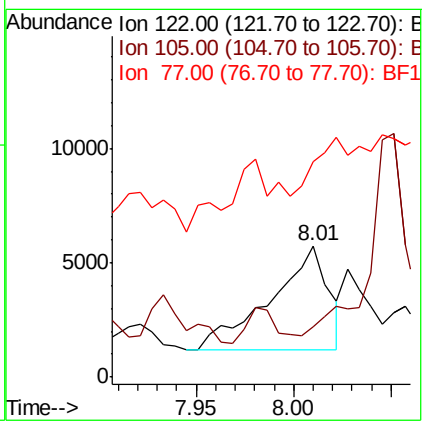


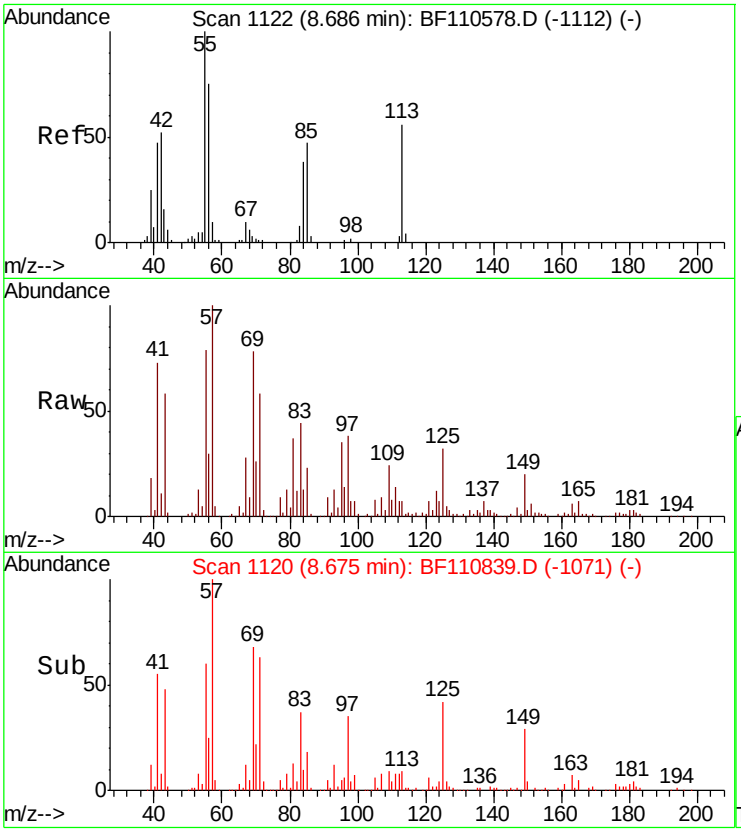


#32
Benzoic acid
Concen: 4.838 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:122 Resp: 9348

Ion	Ratio	Lower	Upper
122	100		
105	38.4	109.0	149.0#
77	164.5	79.0	119.0#



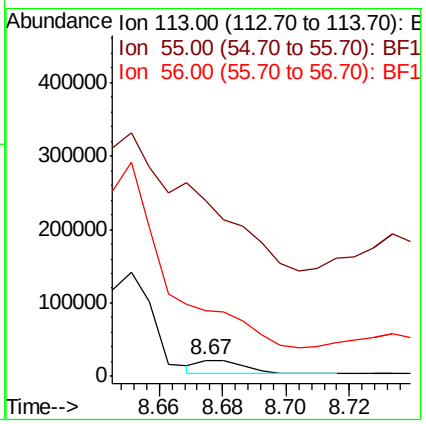


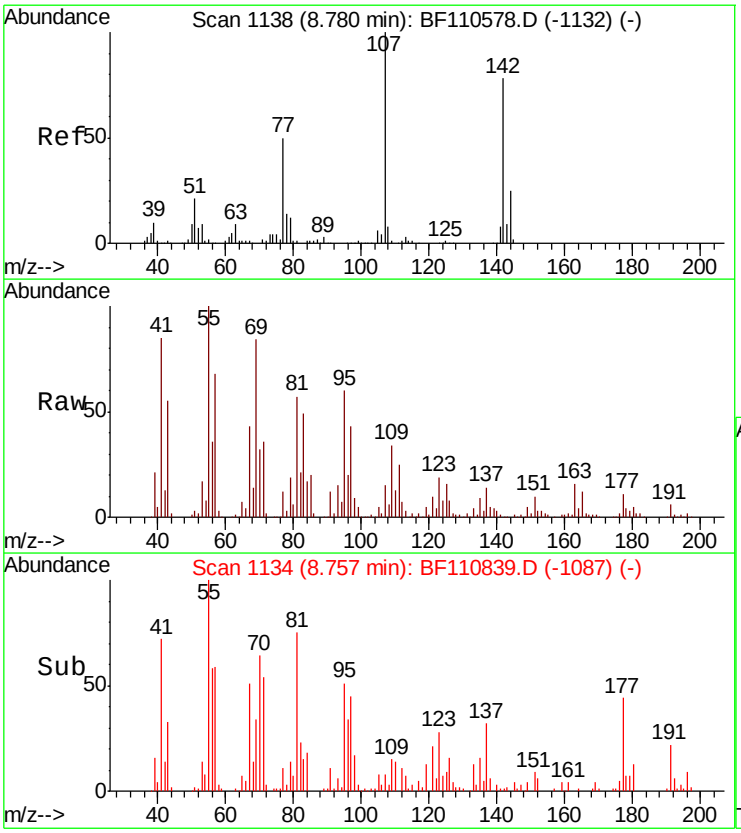
#35
Caprolactam
Concen: 21.026 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:113 Resp: 19738

Ion	Ratio	Lower	Upper
113	100		
55	1071.2	142.8	182.8#
56	404.8	105.0	145.0#

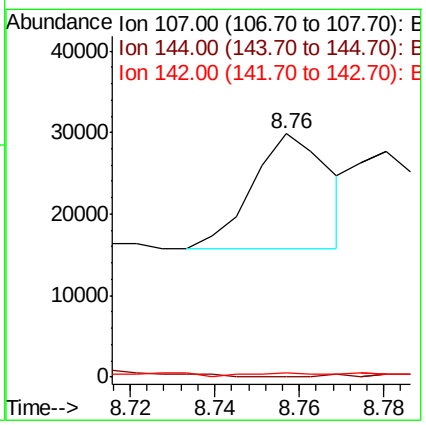


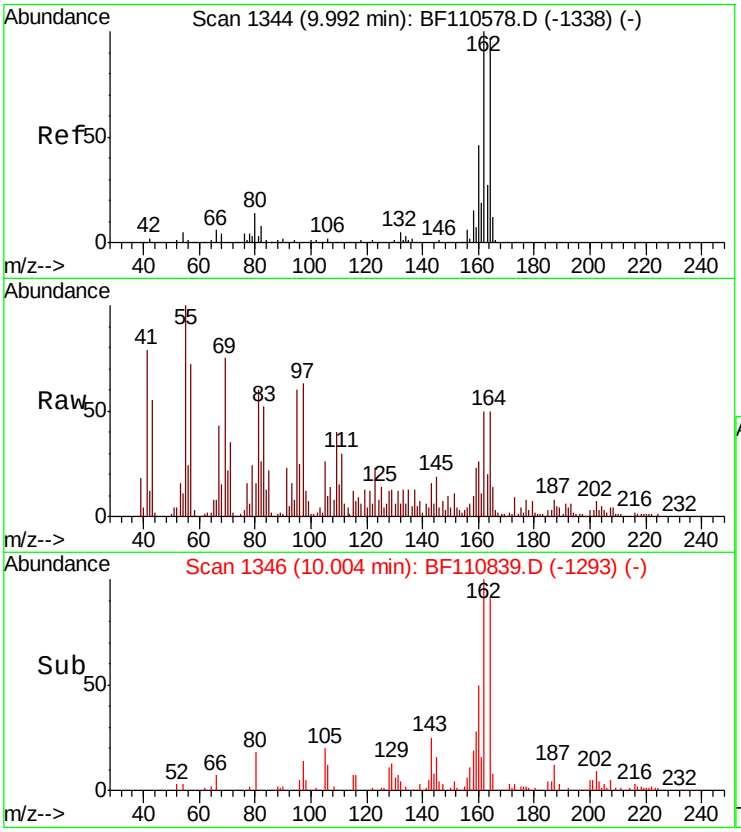


#36
4-Chloro-3-methylphenol
Concen: 5.929 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:107 Resp: 17968

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	1.7	59.7	89.5#



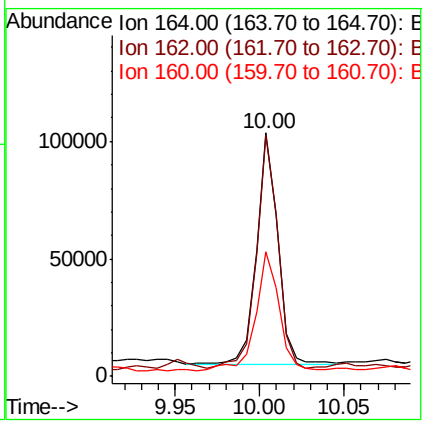


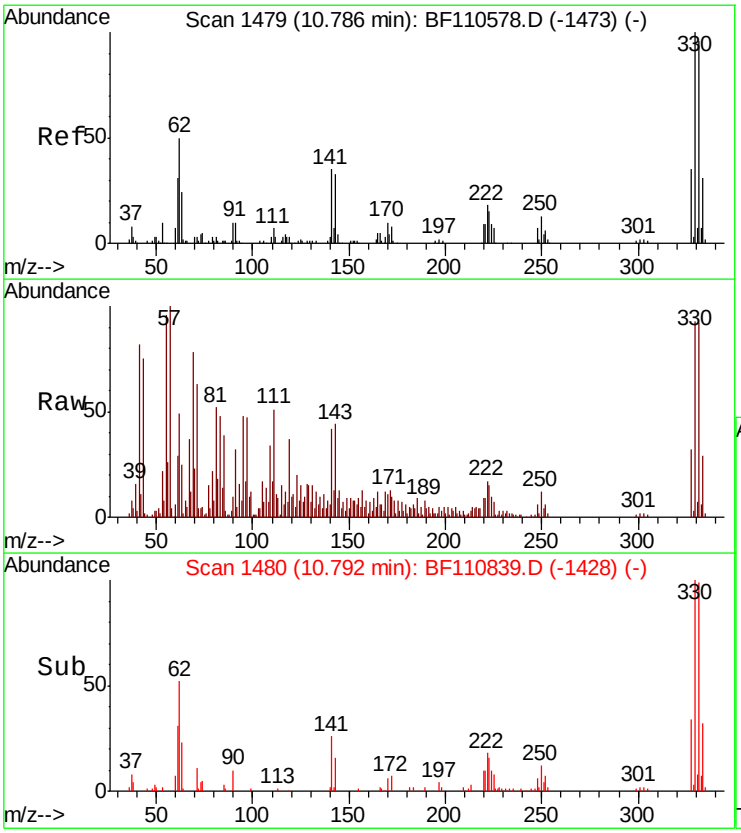
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:164 Resp: 87351

Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.0	124.6
160	51.1	37.0	55.6

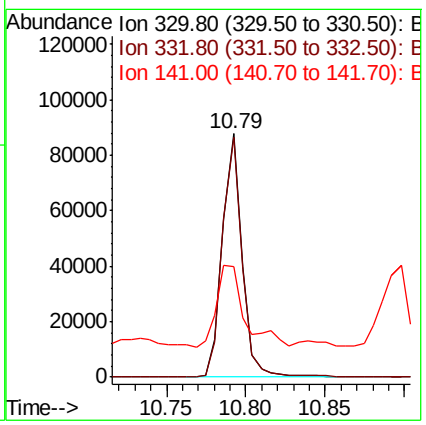


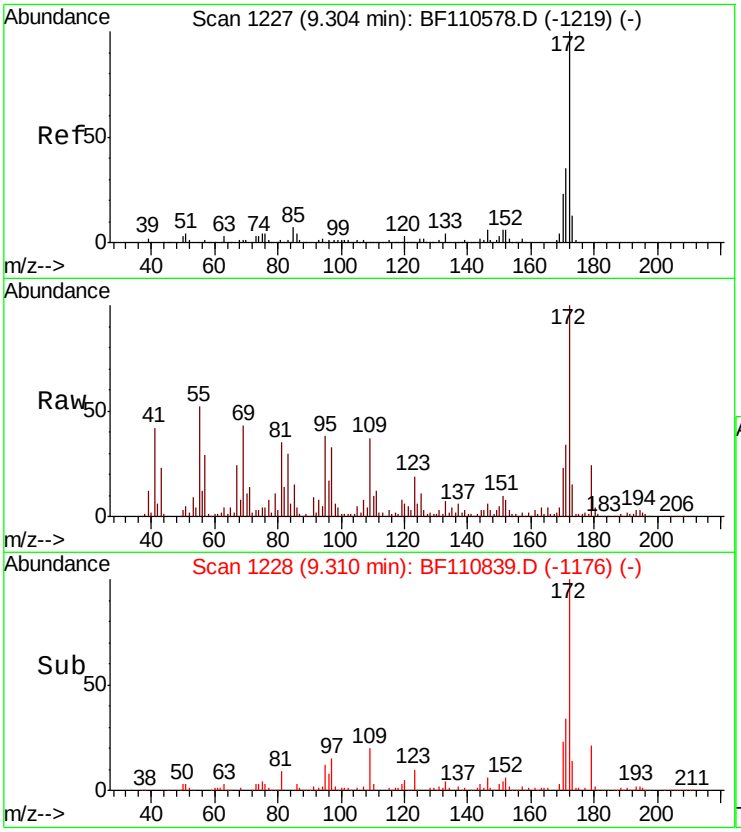


#42
2,4,6-Tribromophenol
Concen: 86.308 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:330 Resp: 75966

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.1	115.7
141	48.1	27.0	40.4#



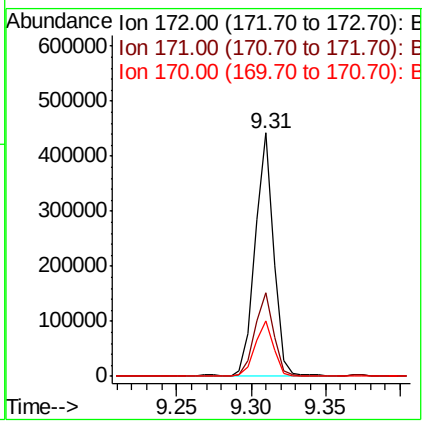


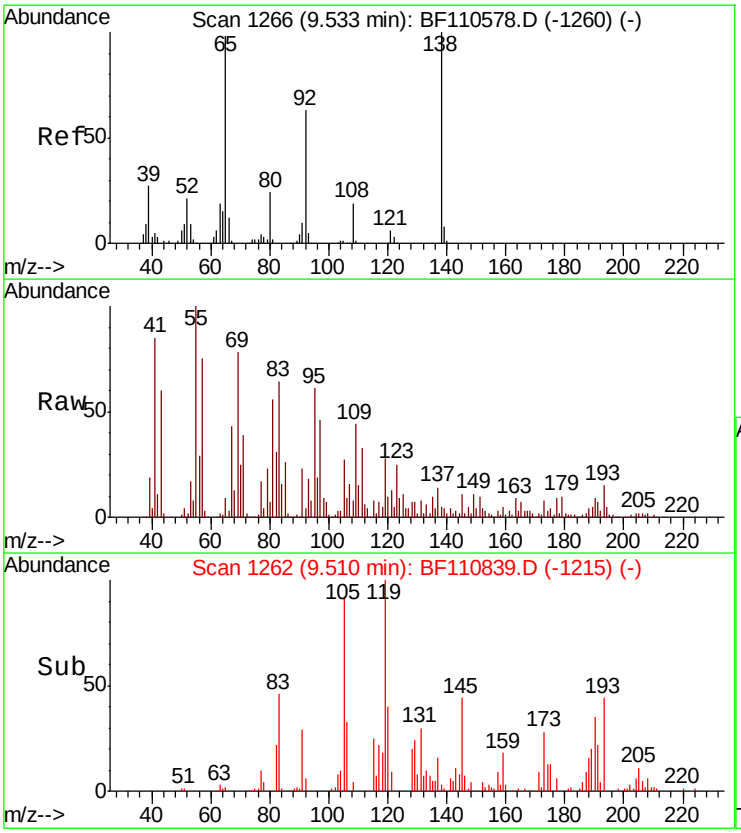
#45
2-Fluorobiphenyl
Concen: 61.895 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:172 Resp: 378565

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	43.0
170	23.0	19.7	29.5

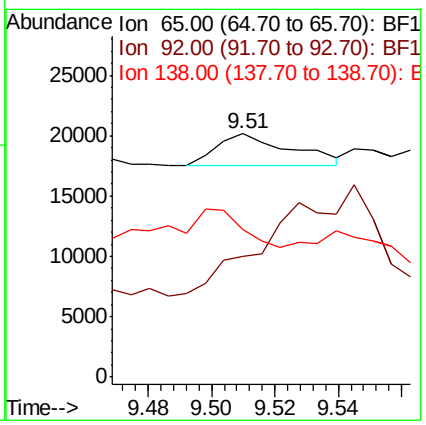


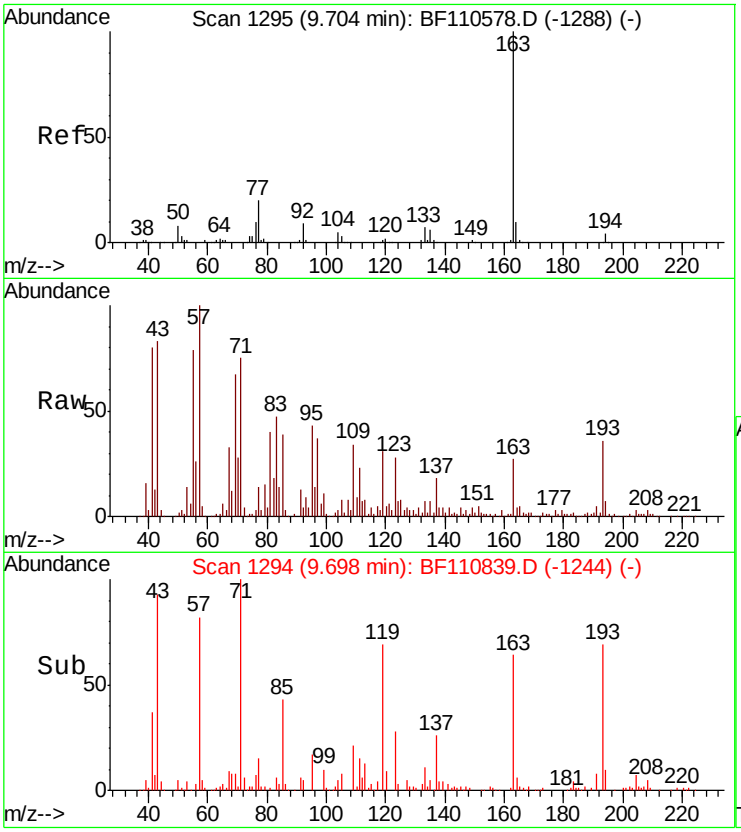


#48
2-Nitroaniline
Concen: 2.324 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion: 65 Resp: 4205

Ion	Ratio	Lower	Upper
65	100		
92	49.4	54.6	81.8#
138	60.4	80.3	120.5#



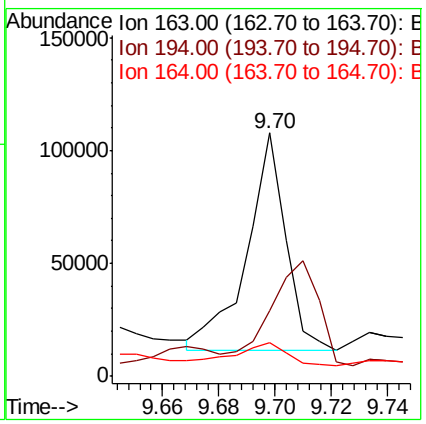


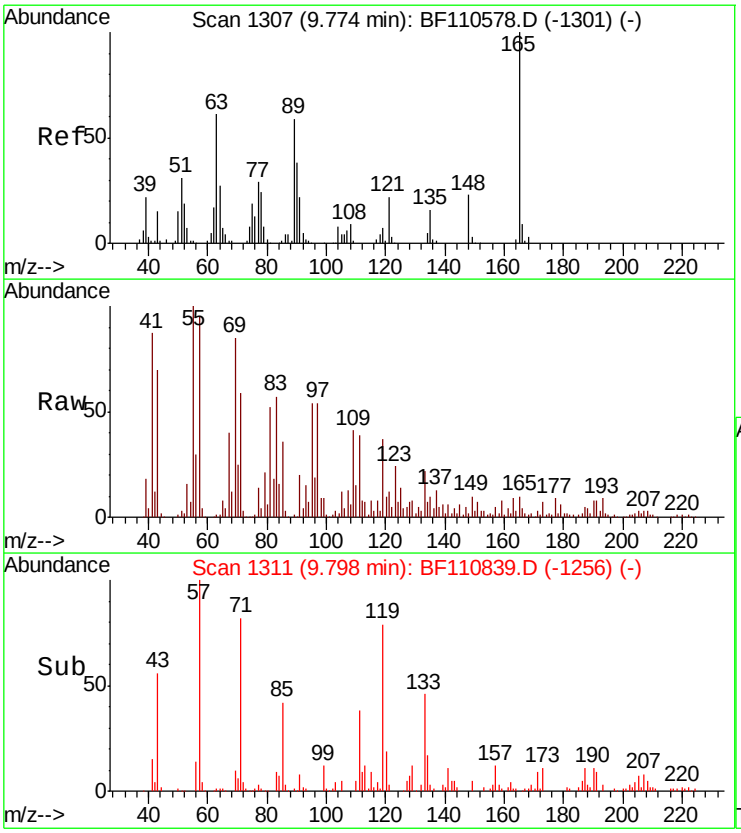
#50
Dimethylphthalate
Concen: 14.174 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:163 Resp: 92385

Ion	Ratio	Lower	Upper
163	100		
194	26.8	3.2	4.8#
164	13.7	8.1	12.1#

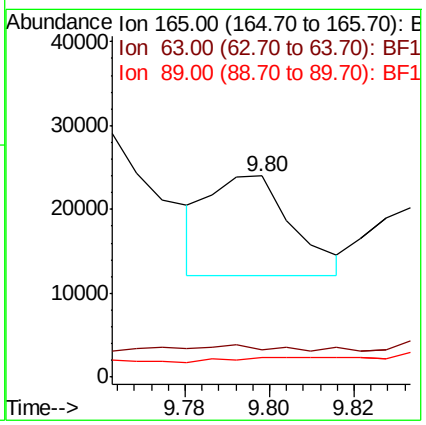


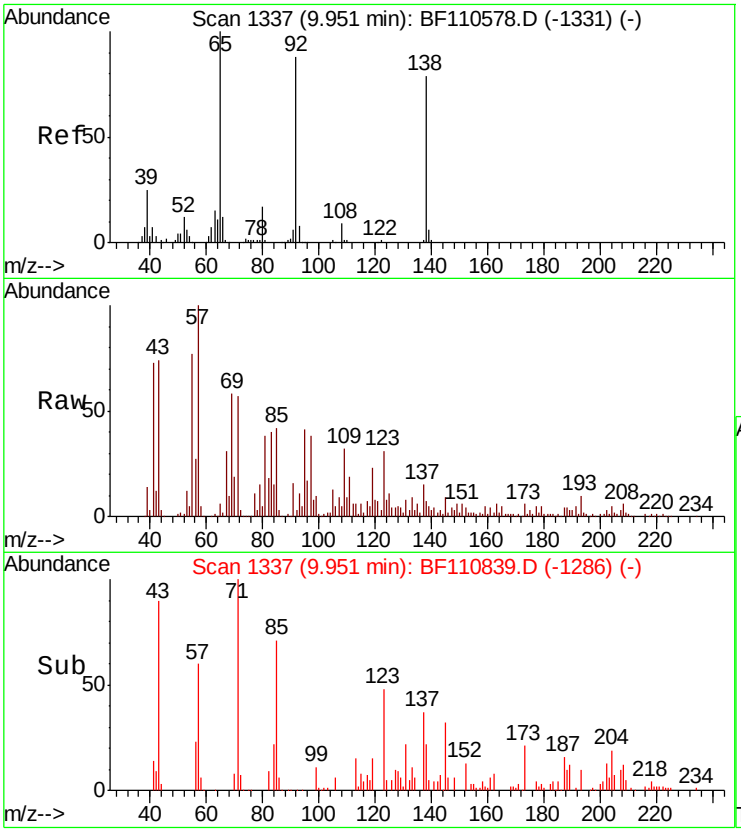


#51
2,6-Dinitrotoluene
Concen: 11.197 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:165 Resp: 16055

Ion	Ratio	Lower	Upper
165	100		
63	13.7	48.9	73.3#
89	10.0	46.6	69.8#



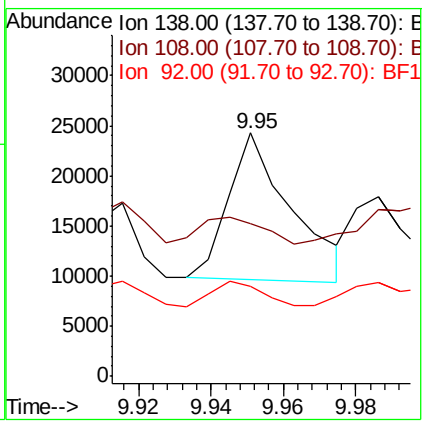


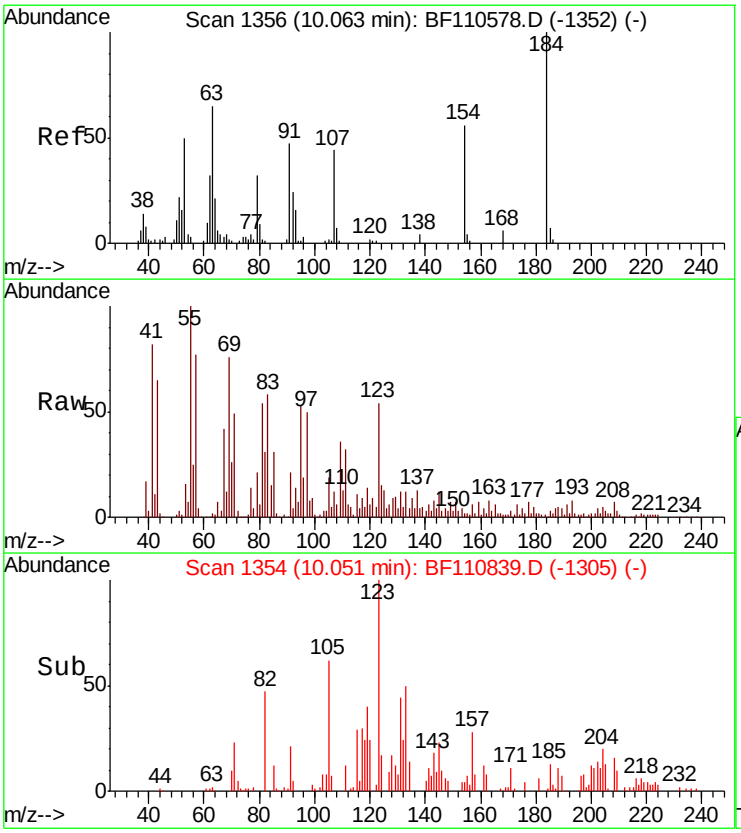
#53
3-Nitroaniline
Concen: 10.560 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:138 Resp: 17542

Ion	Ratio	Lower	Upper
138	100		
108	62.9	8.7	13.1#
92	37.2	97.0	145.4#

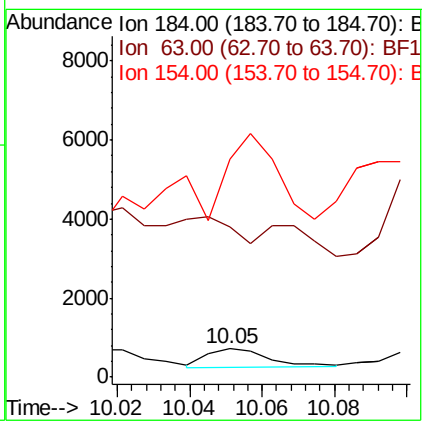


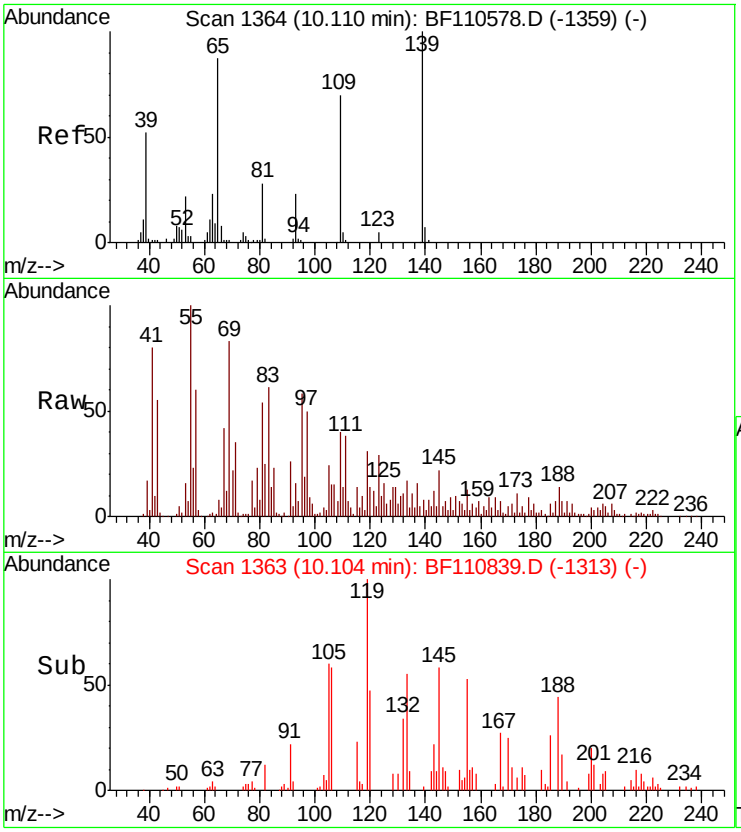


#54
2,4-Dinitrophenol
Concen: 5.628 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:184 Resp: 562

Ion	Ratio	Lower	Upper
184	100		
63	530.1	55.8	83.6#
154	768.8	63.2	94.8#



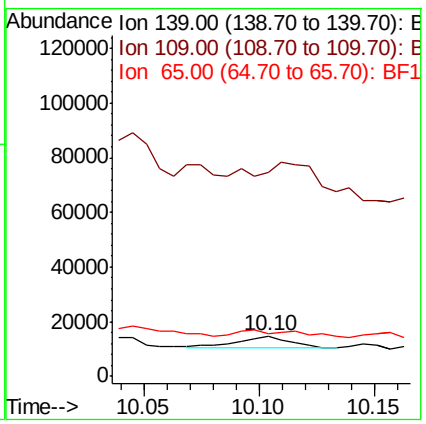


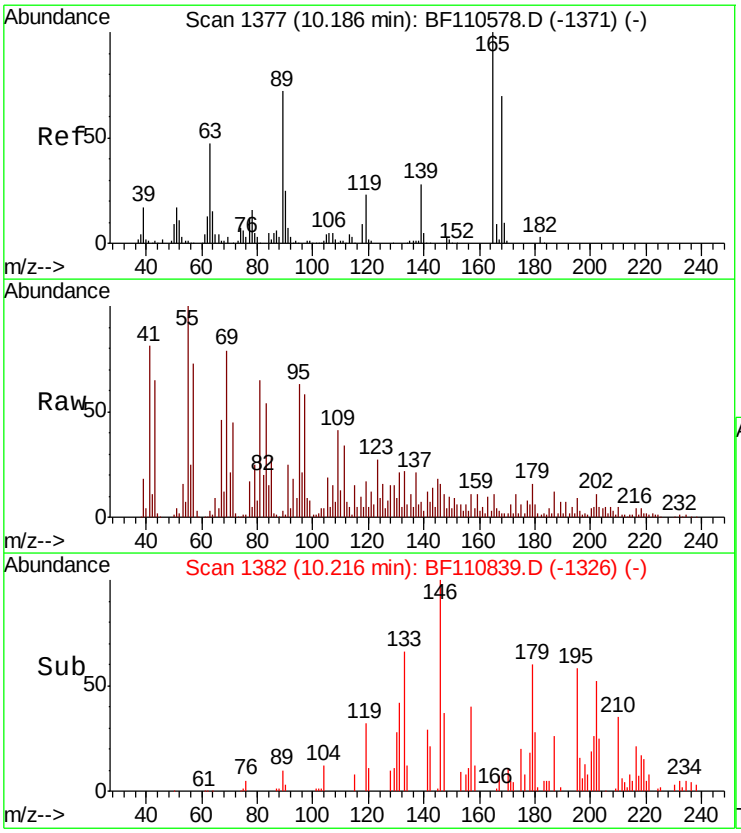
#56
4-Nitrophenol
Concen: 6.482 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:139 Resp: 7144

Ion	Ratio	Lower	Upper
139	100		
109	503.9	55.8	95.8#
65	104.9	77.9	117.9

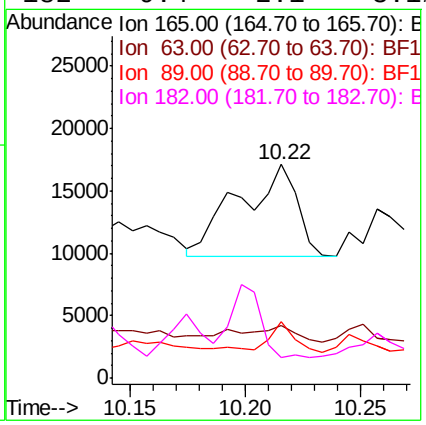


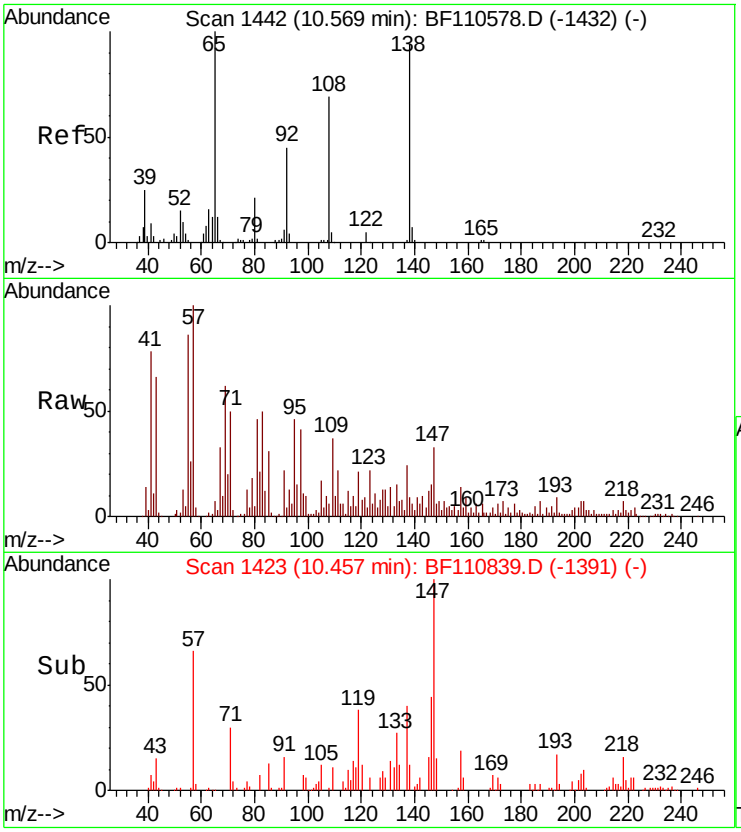


#57
2,4-Dinitrotoluene
Concen: 6.938 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.03 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:165 Resp: 12935

Ion	Ratio	Lower	Upper
165	100		
63	24.6	44.8	67.2#
89	26.1	62.2	93.4#
182	9.4	2.1	3.1#



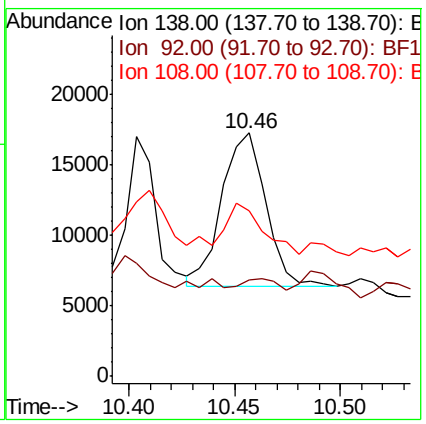


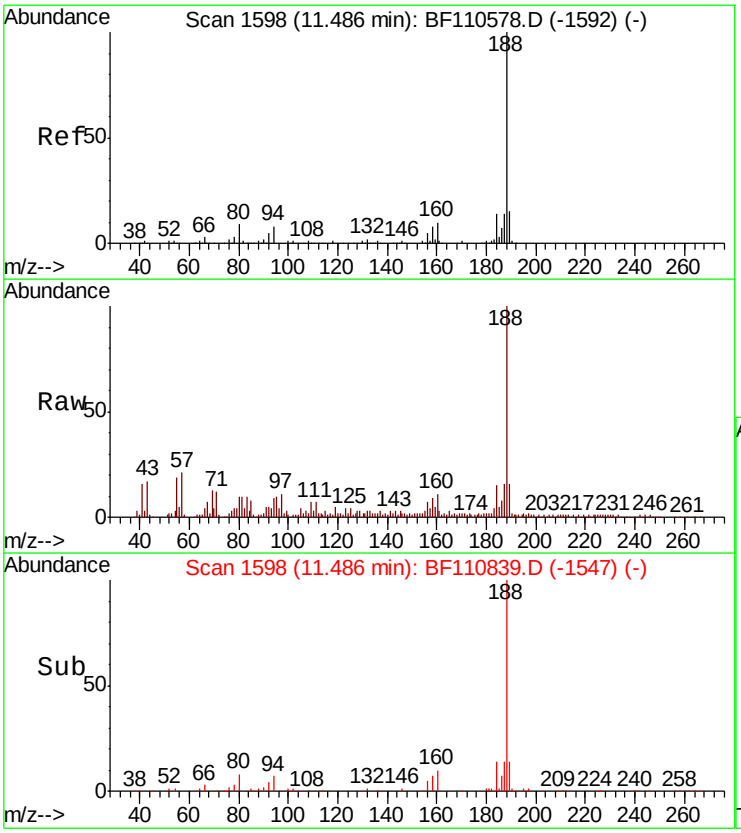
#62
4-Nitroaniline
Concen: 9.466 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.11 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:138 Resp: 15834

Ion	Ratio	Lower	Upper
138	100		
92	39.5	31.7	71.7
108	68.2	59.3	99.3

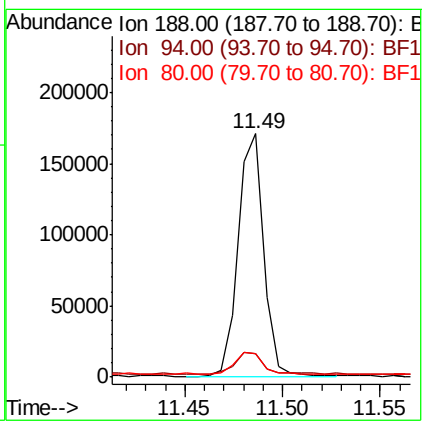


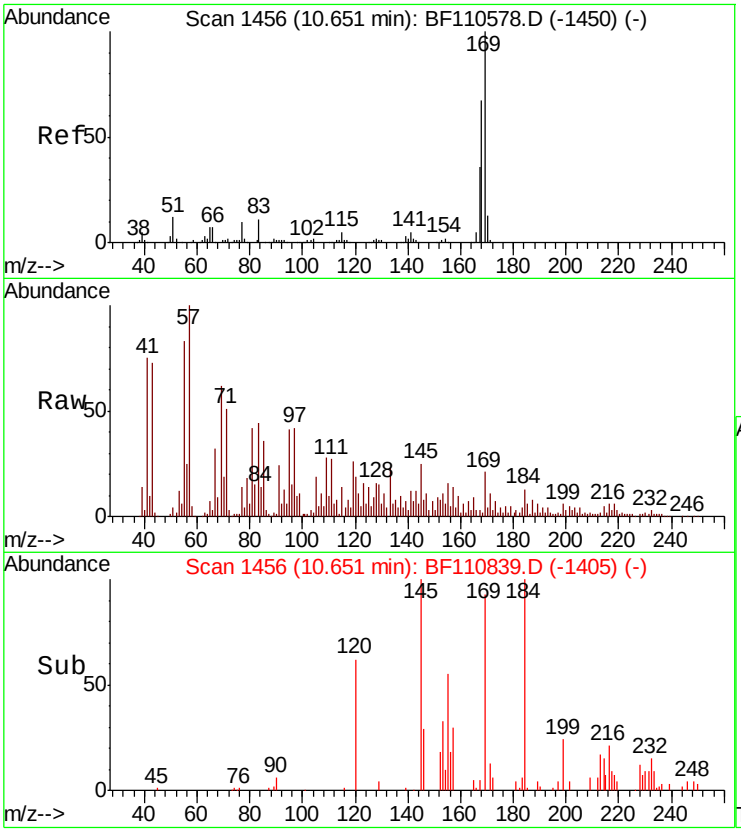


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:188 Resp: 153856

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.8	7.9	11.9



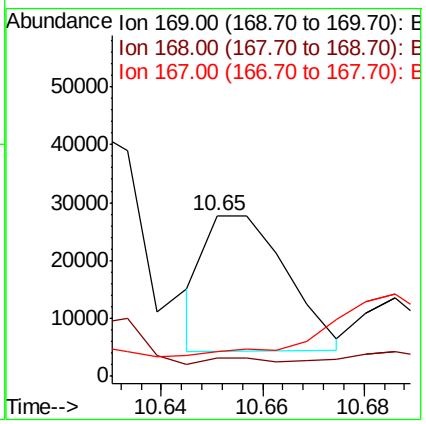


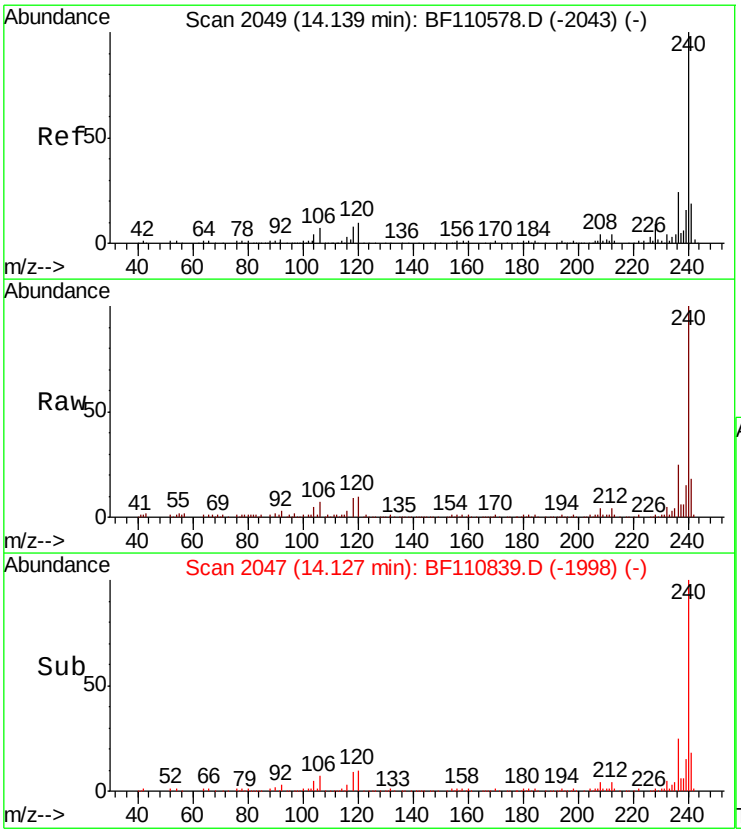
#66
n-Nitrosodiphenylamine
Concen: 5.014 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:169 Resp: 26001

Ion	Ratio	Lower	Upper
169	100		
168	11.2	51.2	76.8#
167	15.6	27.8	41.6#

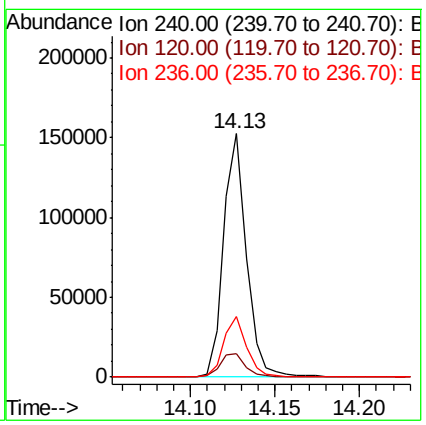


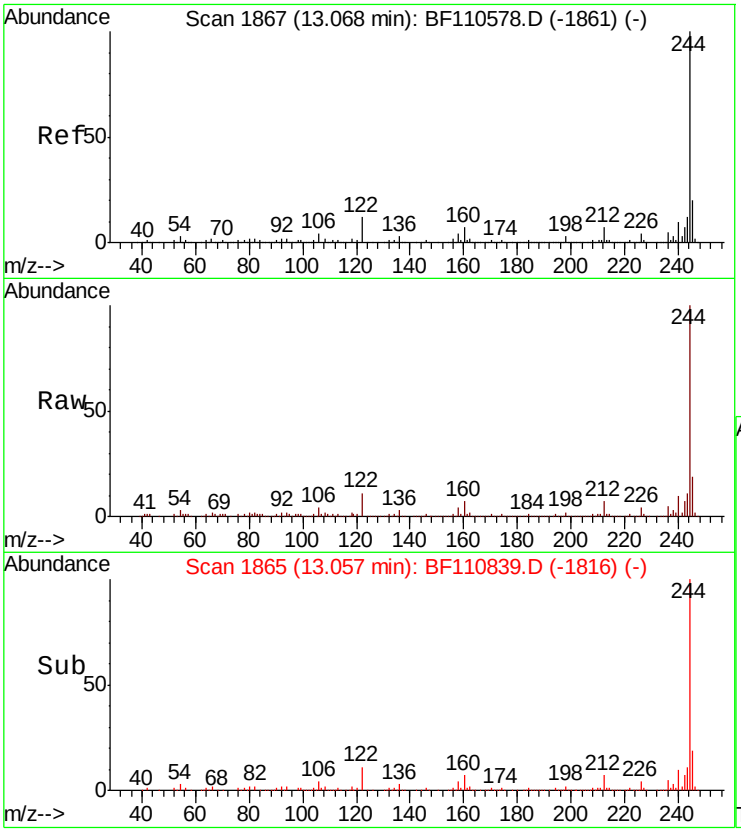


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:240 Resp: 143354

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.1	21.2	31.8



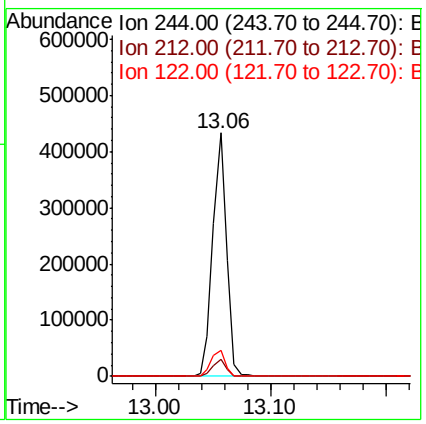


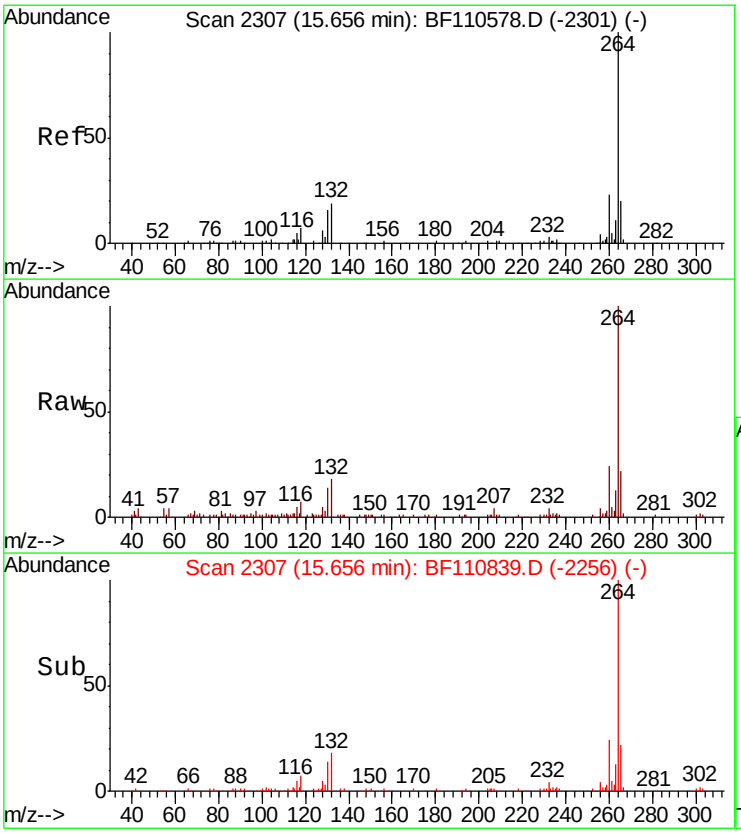
#79
Terphenyl-d14
Concen: 47.099 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Instrument :
BNA_F
ClientSampleId :
FDSB-14

Tgt Ion:244 Resp: 360529

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:264 Resp: 93984

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	16.7	25.1