Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF122216\
Data File : BF091913.D
Acq On : 23 Dec 2016 8:44
Operator : UM/SJ
Sample : H6182-06DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 23 16:23:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	168608	20.00	ng	0.01
21) Naphthalene-d8	8.06	136	486640	20.00	ng	0.02
38) Acenaphthene-d10	9.81	164	256874	20.00	ng	0.02
63) Phenanthrene-d10	11.28	188	474850	20.00	ng	0.01
75) Chrysene-d12	13.89	240	353604	20.00	ng	-0.01
86) Perylene-d12	15.30	264	291290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	462848	45.84	ng	0.03
7) Phenol-d6	6.44	99	413315	33.52	ng	0.03
23) Nitrobenzene-d5	7.32	82	471760	53.91	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	59241	27.87	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	353579	18.04	ng	0.02
78) Terphenyl-d14	12.85	244	315655	21.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.28	77	43673	4.55	ng	# 7
10) Phenol	6.45	94	41887	2.98	ng	# 62
15) Benzyl Alcohol	6.92	79	63055	6.58	ng	# 46
18) Hexachloroethane	7.34	117	1219157	263.48	ng	# 23
19) n-Nitroso-di-n-propylamine	7.20	70	169401	20.65	ng	# 70
22) Acetophenone	7.12	105	516556	43.04	ng	# 59
24) Nitrobenzene	7.31	77	373777	40.10	ng	# 52
25) Isophorone	7.60	82	549514	34.03	ng	# 1
26) 2-Nitrophenol	7.74	139	132815	28.89	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	85283	11.19	ng	# 2
28) bis(2-Chloroethoxy)methane	7.81	93	41657	4.25	ng	# 1
29) 2,4-Dichlorophenol	7.92	162	55463	8.59	ng	# 1
30) 1,2,4-Trichlorobenzene	7.95	180	42224	5.97	ng	# 82
31) Naphthalene	8.11	128	192586	8.65	ng	# 1
32) Benzoic acid	7.86	122	55889	9.88	ng	# 13
33) 4-Chloroaniline	8.12	127	85574	8.52	ng	# 1
35) Caprolactam	8.52	113	534899	252.13	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	79748	10.74	ng	# 29
37) 2-Methylnaphthalene	8.80	142	2589392	Below Cal		99
42) 2,4,6-Trichlorophenol	9.06	196	38032	8.38	ng	# 9
43) 2,4,5-Trichlorophenol	9.06	196	38032	8.14	ng	# 1
47) 2-Nitroaniline	9.37	65	13964	2.82	ng	# 1
48) Acenaphthylene	9.68	152	51443	2.40	ng	# 1
49) Dimethylphthalate	9.53	163	96651	5.88	ng	# 57
50) 2,6-Dinitrotoluene	9.62	165	33123	9.21	ng	# 71
51) Acenaphthene	9.85	154	40106	2.76	ng	# 1
52) 3-Nitroaniline	9.77	138	30457	6.84	ng	# 45
54) Dibenzofuran	10.01	168	130481	6.65	ng	# 14
55) 4-Nitrophenol	9.92	139	60310	19.96	ng	# 21
56) 2,4-Dinitrotoluene	10.02	165	26222	5.81	ng	# 62
57) Fluorene	10.35	166	147007	10.30	ng	# 89
65) n-Nitrosodiphenylamine	10.46	169	153363	10.88	ng	# 41
70) Phenanthrene	11.30	178	93552	3.63	ng	# 95
71) Anthracene	11.38	178	10301	Below Cal		# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF122216\
Data File : BF091913.D
Acq On : 23 Dec 2016 8:44
Operator : UM/SJ
Sample : H6182-06DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 23 16:23:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
73) Di-n-butylphthalate	11.84	149	4289	Below Cal	#	42
74) Fluoranthene	12.48	202	12643	Below Cal		95
76) Benzidine	12.57	184	1074	Below Cal	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF122216\
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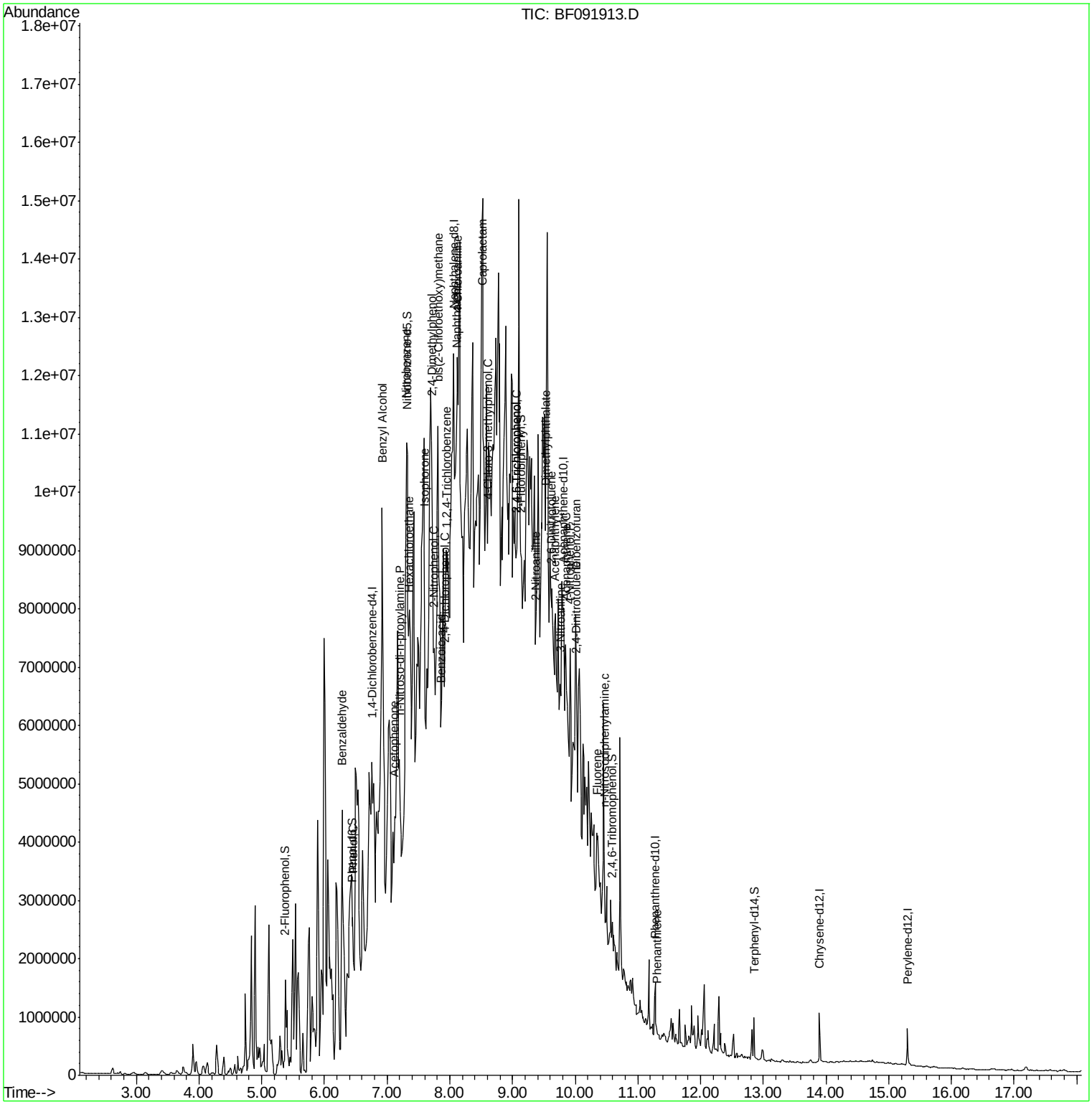
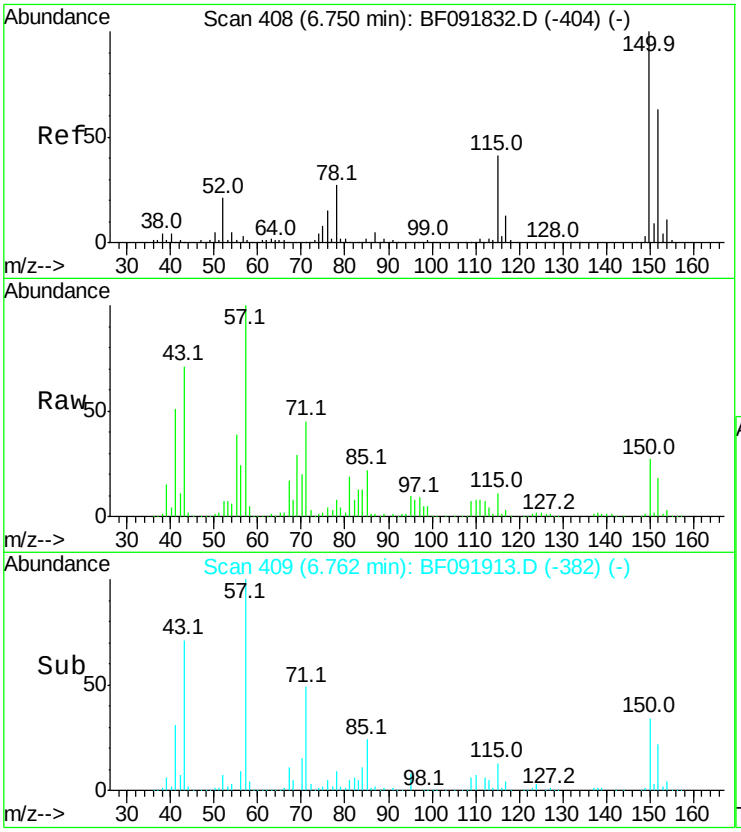


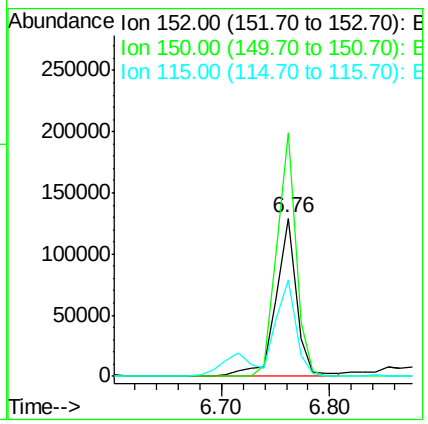


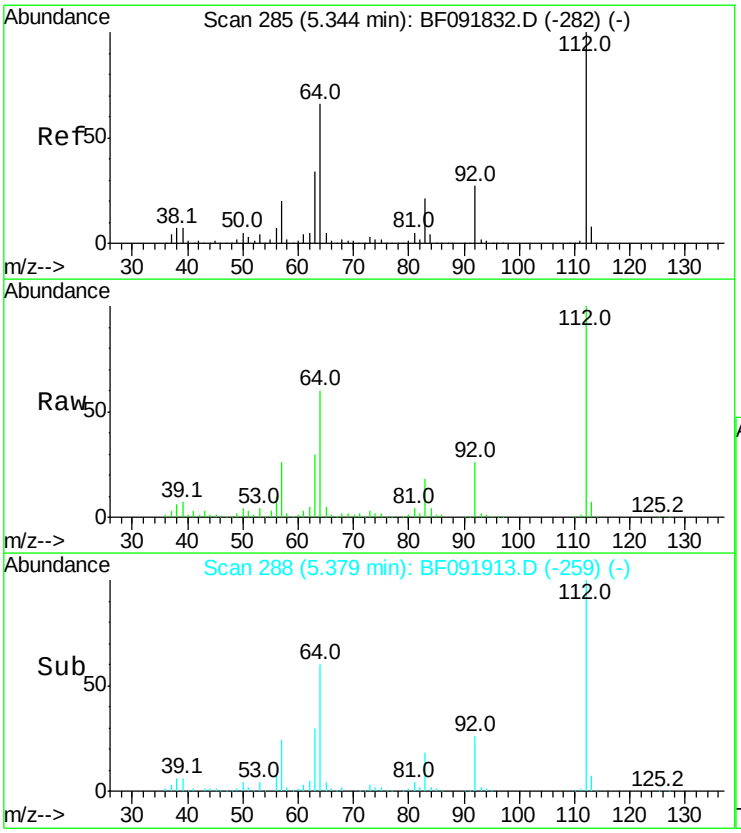
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168608

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	60.5	46.0	69.0

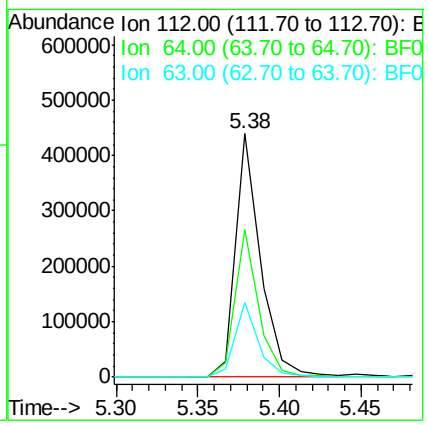


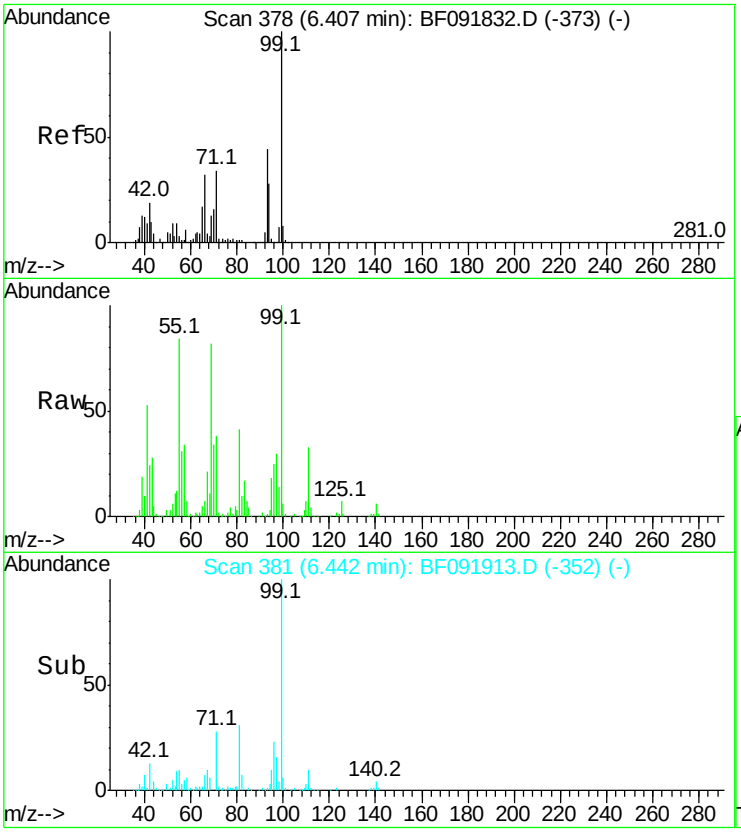


#5
2-Fluorophenol
Concen: 45.84 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:112 Resp: 462848

Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.1	69.1
63	30.4	23.8	35.6



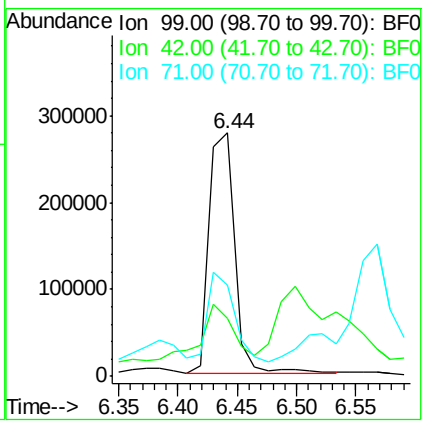


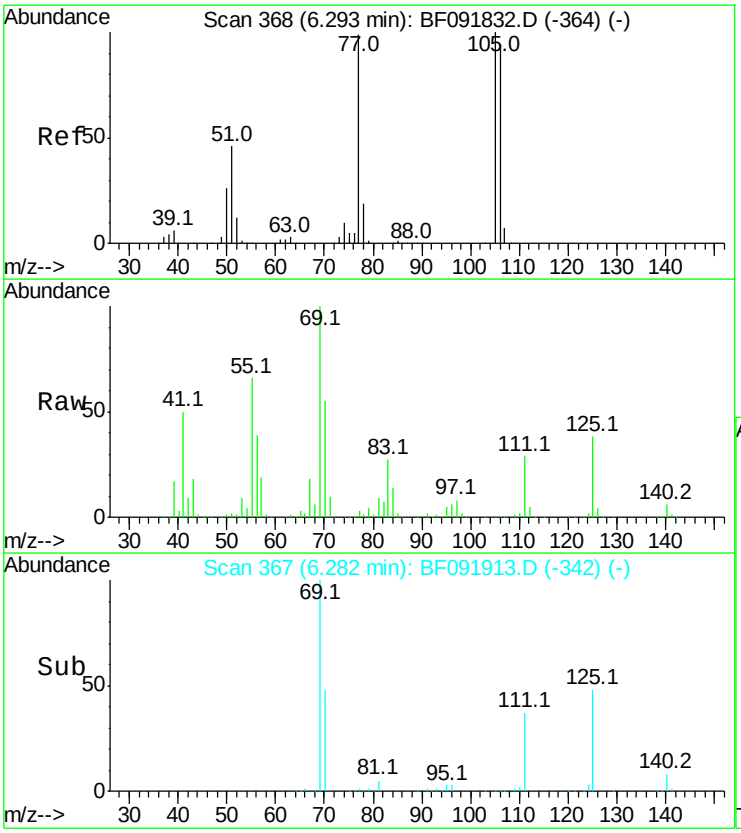
#7
Phenol-d6
Concen: 33.52 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 413315

Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.6	23.4#
71	37.7	27.5	41.3

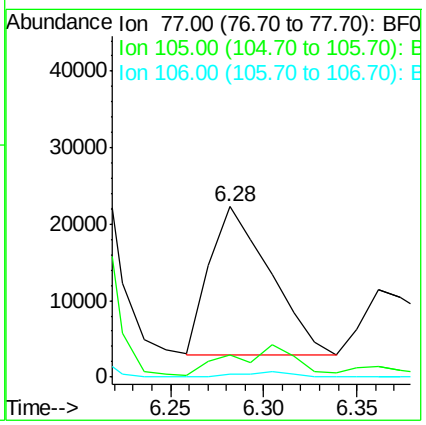


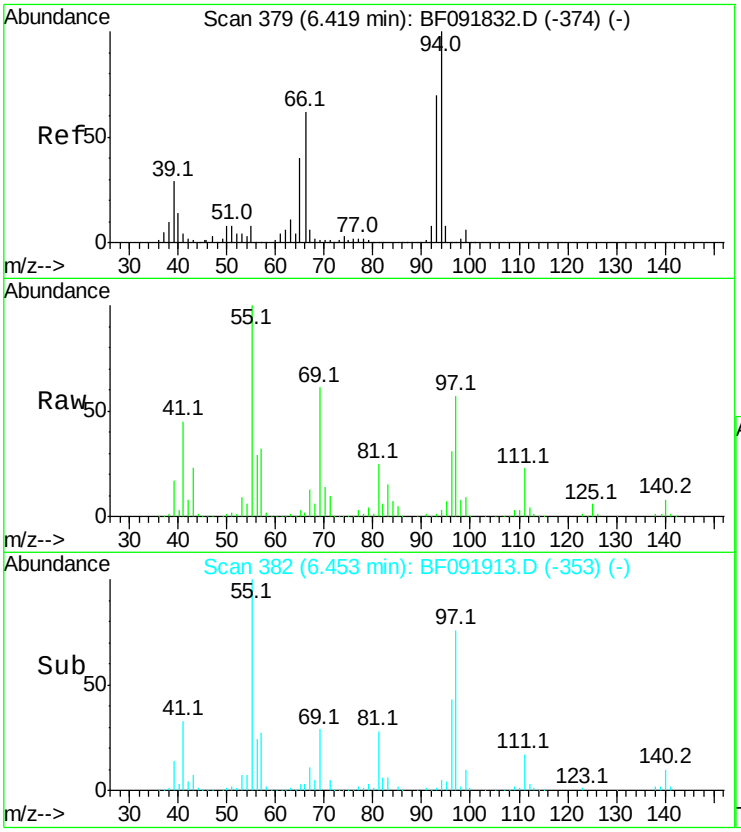


#9
Benzaldehyde
Concen: 4.55 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 77 Resp: 43673

Ion	Ratio	Lower	Upper
77	100		
105	13.2	83.9	123.9#
106	1.7	77.6	117.6#



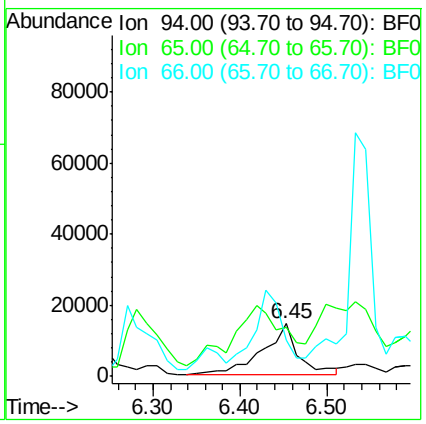


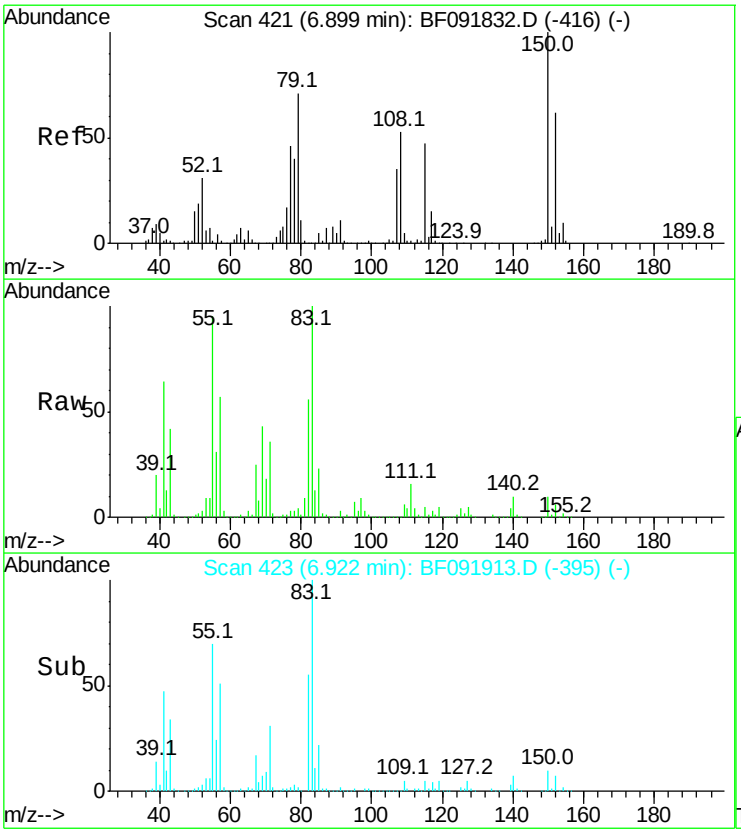
#10
Phenol
Concen: 2.98 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 41887

Ion	Ratio	Lower	Upper
94	100		
65	94.0	21.4	61.4#
66	69.9	44.0	84.0

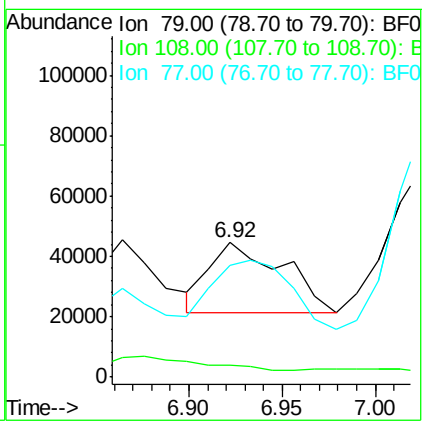


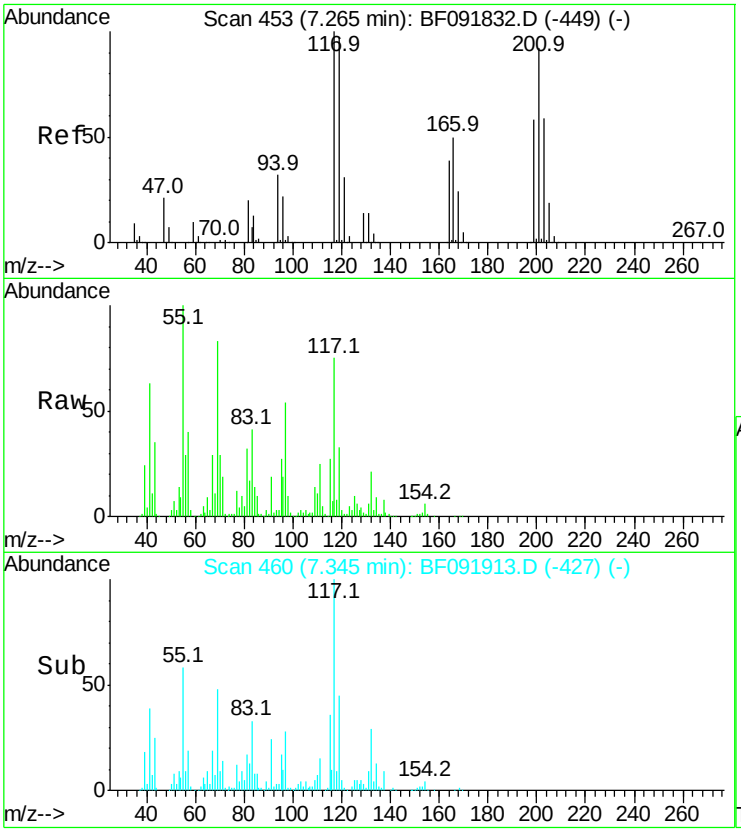


#15
Benzyl Alcohol
Concen: 6.58 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 79 Resp: 63055

Ion	Ratio	Lower	Upper
79	100		
108	8.4	61.4	92.0#
77	82.6	50.9	76.3#



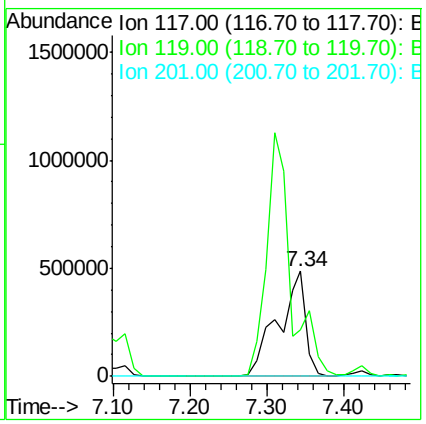


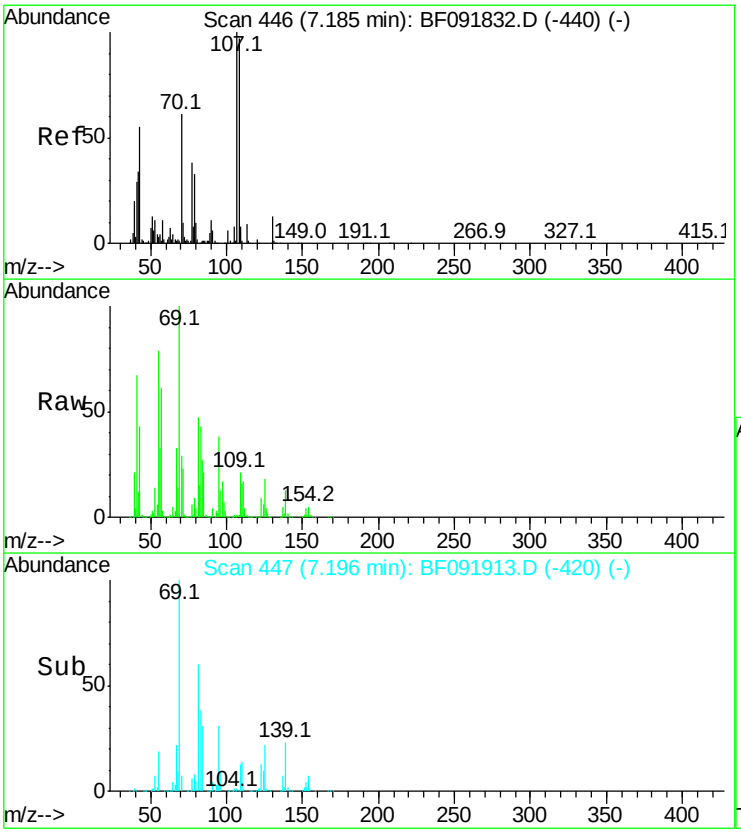
#18
Hexachloroethane
Concen: 263.48 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.08 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 1219157

Ion	Ratio	Lower	Upper
117	100		
119	44.5	78.1	117.1#
201	0.0	78.6	117.8#

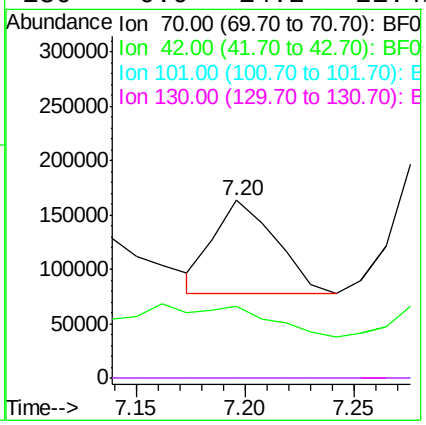


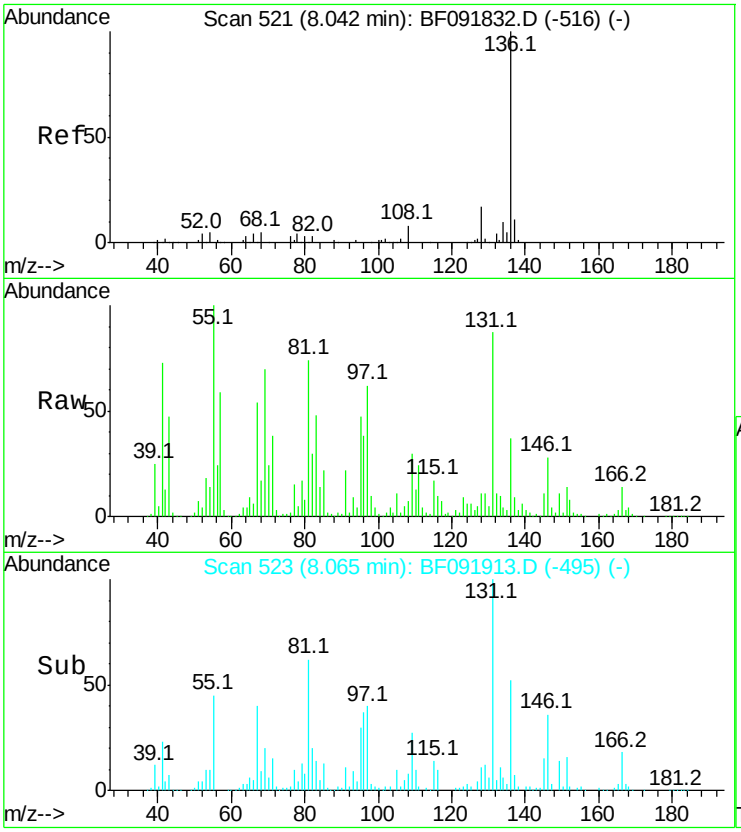


#19
n-Nitroso-di-n-propylamine
Concen: 20.65 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 70 Resp: 169401

Ion	Ratio	Lower	Upper
70	100		
42	40.7	49.4	74.0#
101	0.3	7.4	11.2#
130	0.0	14.2	21.4#



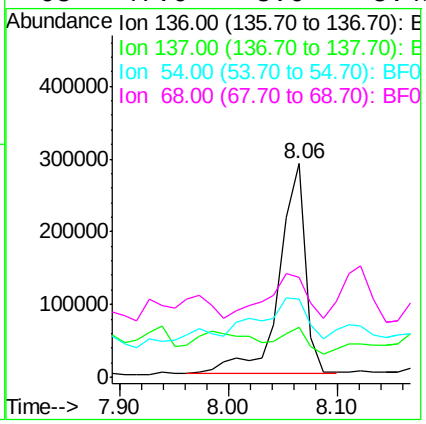


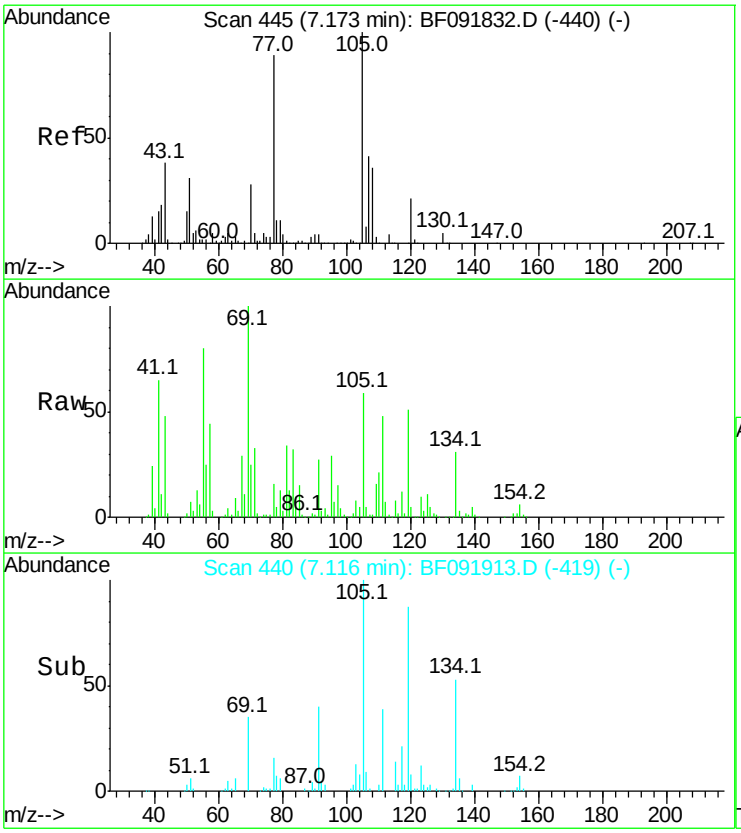
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486640

Ion	Ratio	Lower	Upper
136	100		
137	23.2	8.4	12.6#
54	36.4	4.5	6.7#
68	47.0	3.6	5.4#

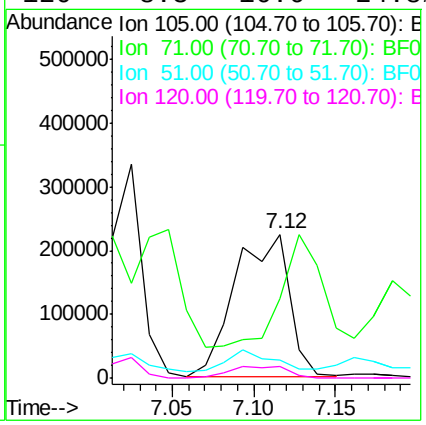


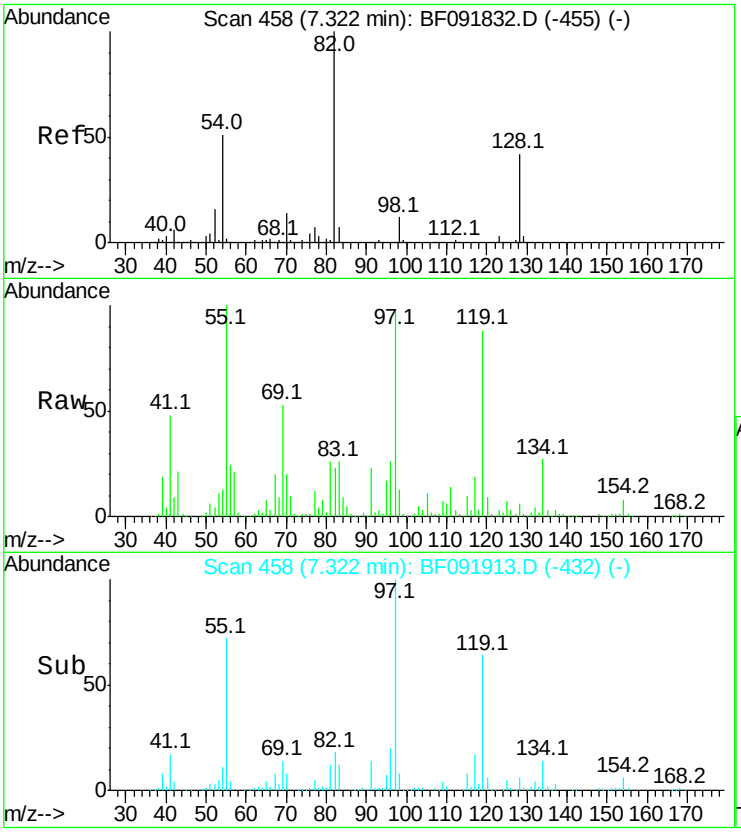


#22
Acetophenone
Concen: 43.04 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.06 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:105 Resp: 516556

Ion	Ratio	Lower	Upper
105	100		
71	55.4	3.2	4.8#
51	12.4	26.2	39.4#
120	8.3	16.6	24.8#



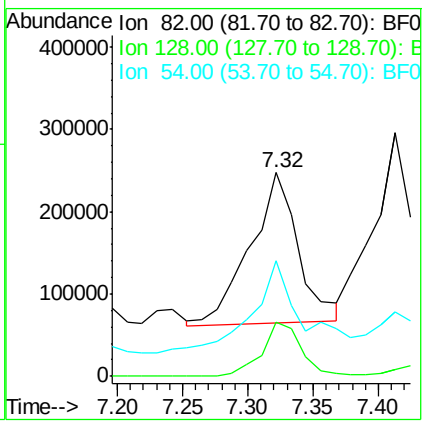


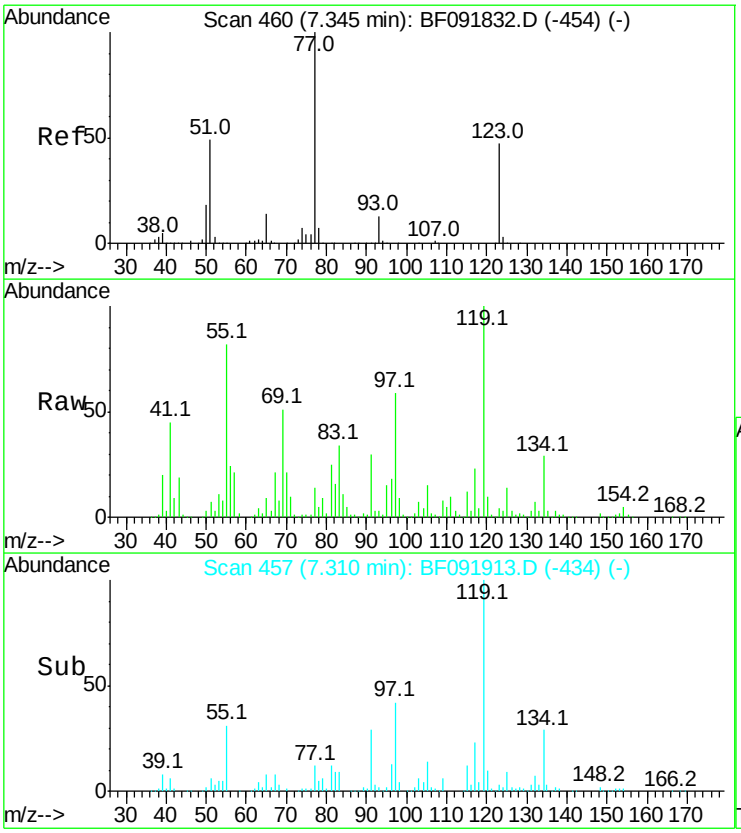
#23
Nitrobenzene-d5
Concen: 53.91 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 471760

Ion	Ratio	Lower	Upper
82	100		
128	26.7	34.6	52.0#
54	56.6	39.5	59.3

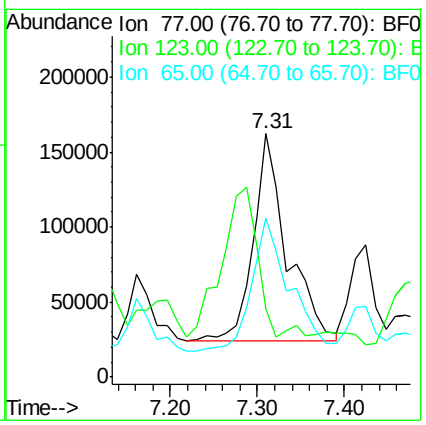


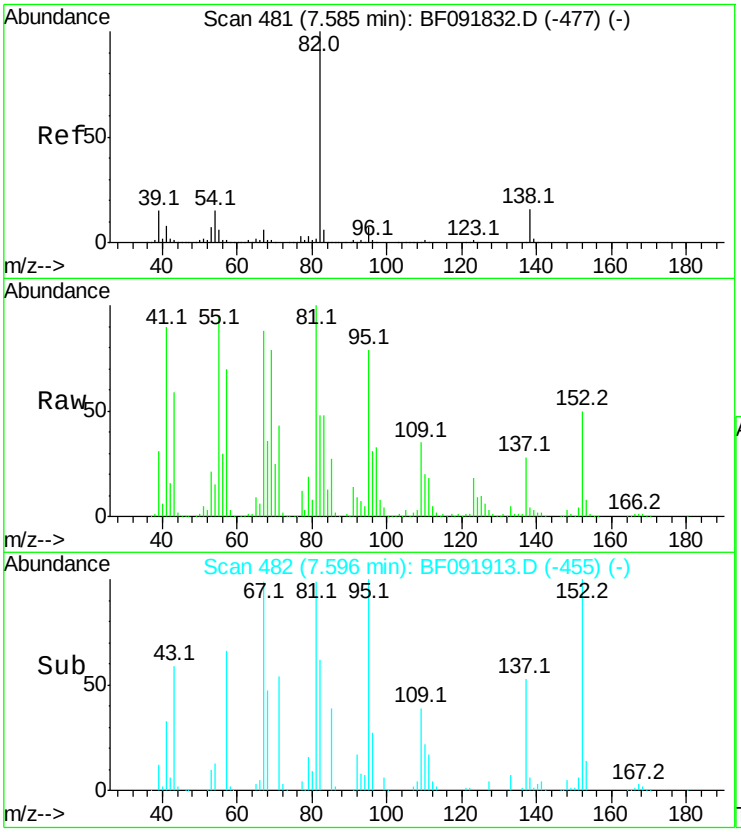


#24
Nitrobenzene
Concen: 40.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 77 Resp: 373777

Ion	Ratio	Lower	Upper
77	100		
123	28.0	33.0	49.4#
65	65.2	11.2	16.8#



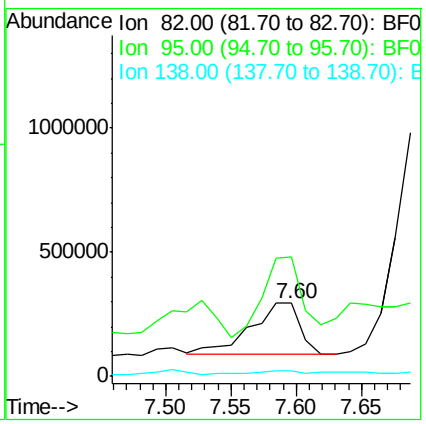


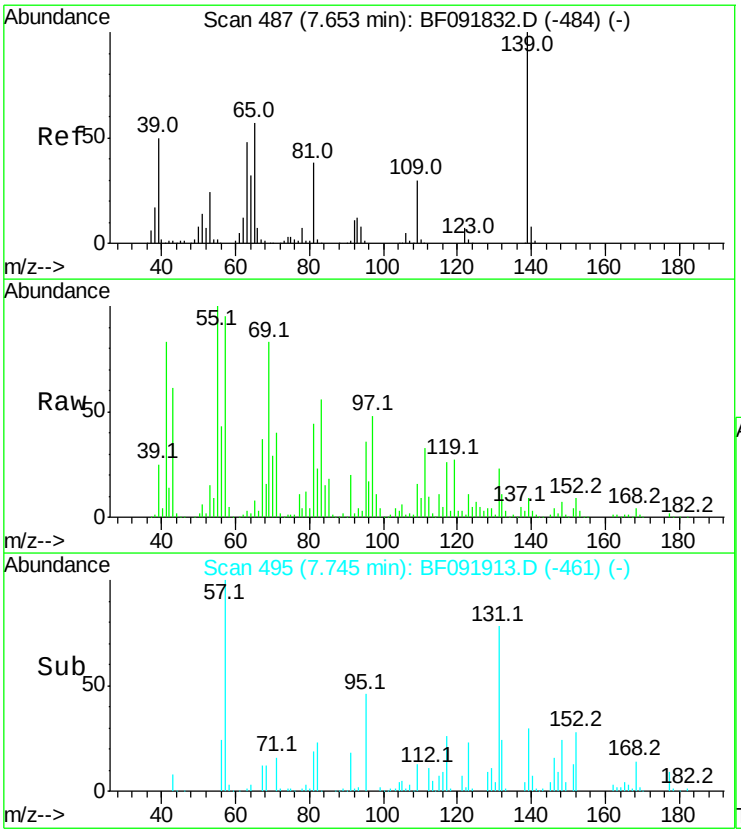
#25
Isophorone
Concen: 34.03 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 549514

Ion	Ratio	Lower	Upper
82	100		
95	163.3	5.6	8.4#
138	8.0	14.6	22.0#

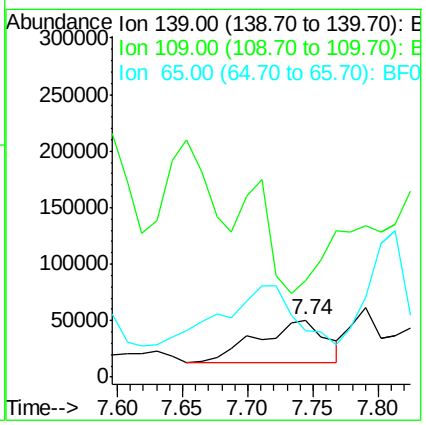


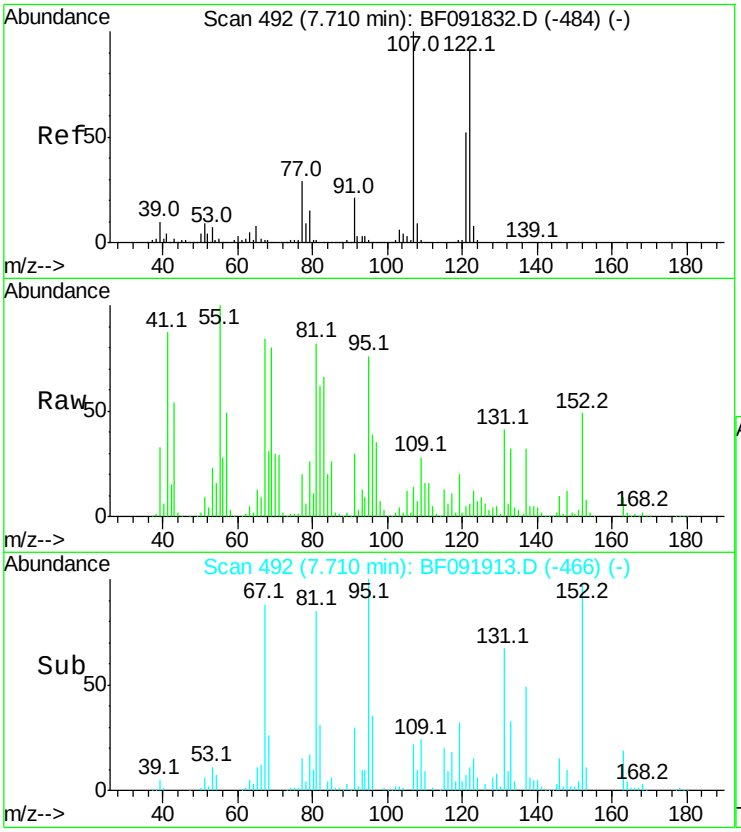


#26
2-Nitrophenol
Concen: 28.89 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.09 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:139 Resp: 132815

Ion	Ratio	Lower	Upper
139	100		
109	168.5	23.3	34.9#
65	81.3	42.7	64.1#



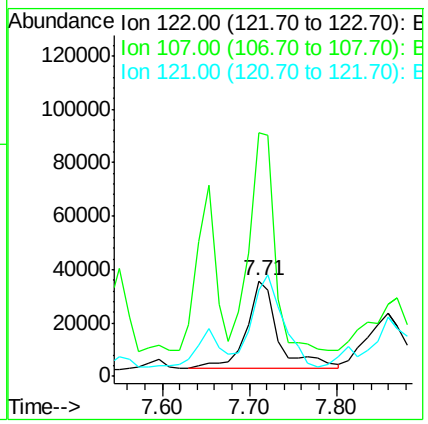


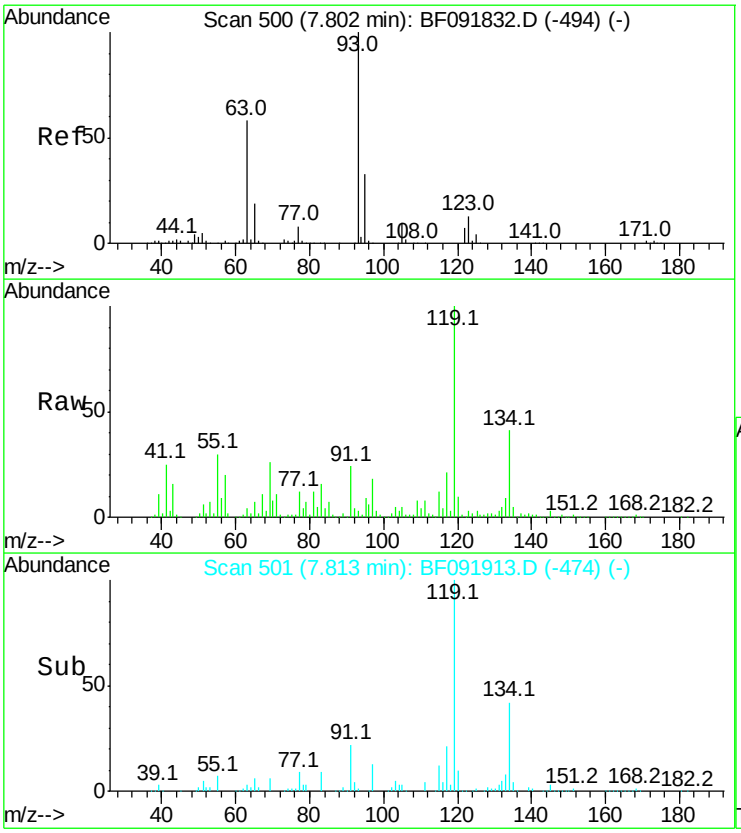
#27
2,4-Dimethylphenol
Concen: 11.19 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 85283

Ion	Ratio	Lower	Upper
122	100		
107	254.5	94.1	141.1#
121	90.1	46.0	69.0#

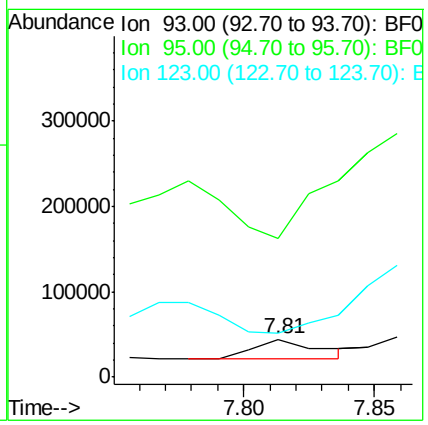


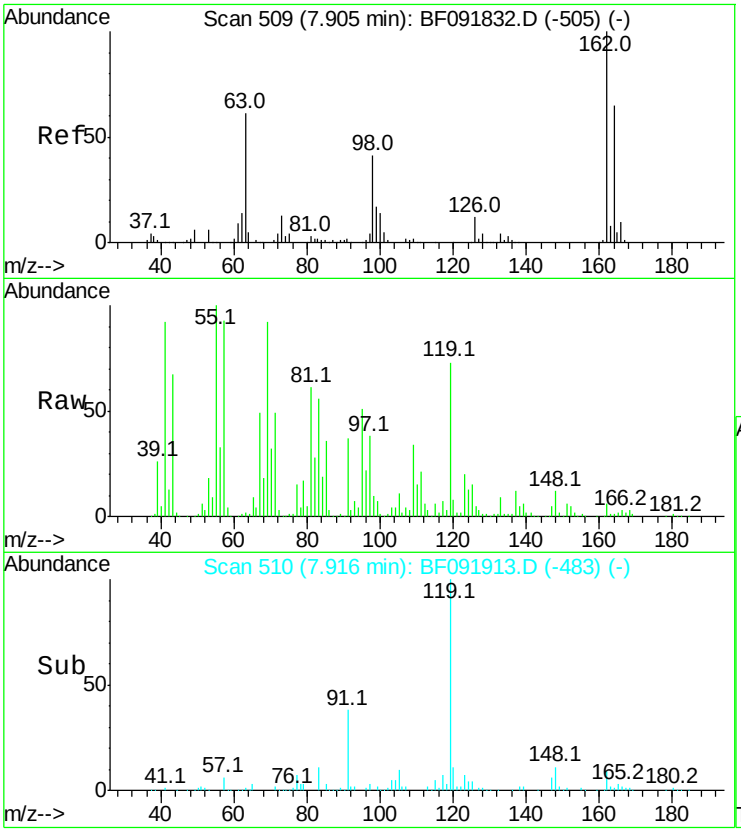


#28
bis(2-Chloroethoxy)methane
Concen: 4.25 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 93 Resp: 41657

Ion	Ratio	Lower	Upper
93	100		
95	363.5	26.5	39.7#
123	117.2	8.6	13.0#



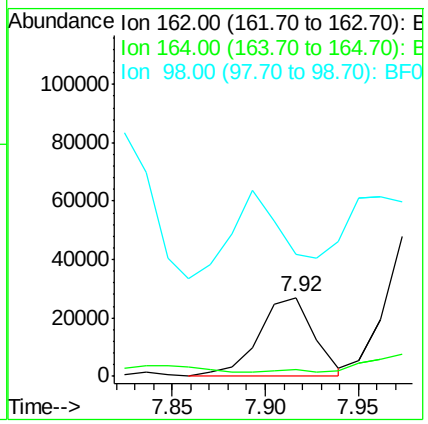


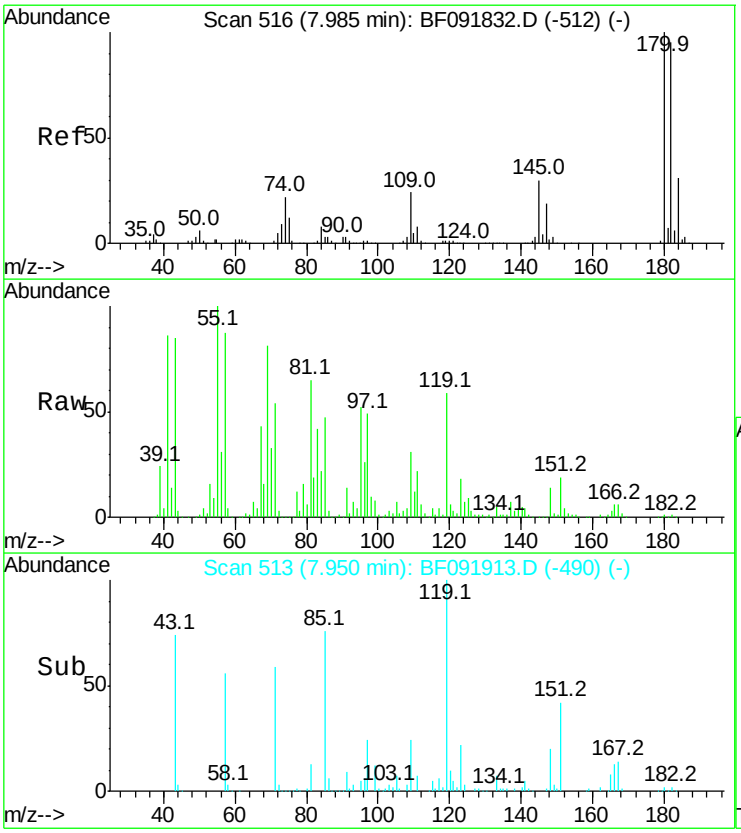
#29
2,4-Dichlorophenol
Concen: 8.59 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 55463

Ion	Ratio	Lower	Upper
162	100		
164	8.3	46.8	86.8#
98	154.9	9.1	49.1#

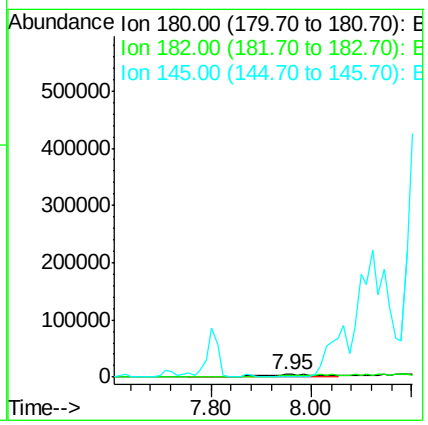


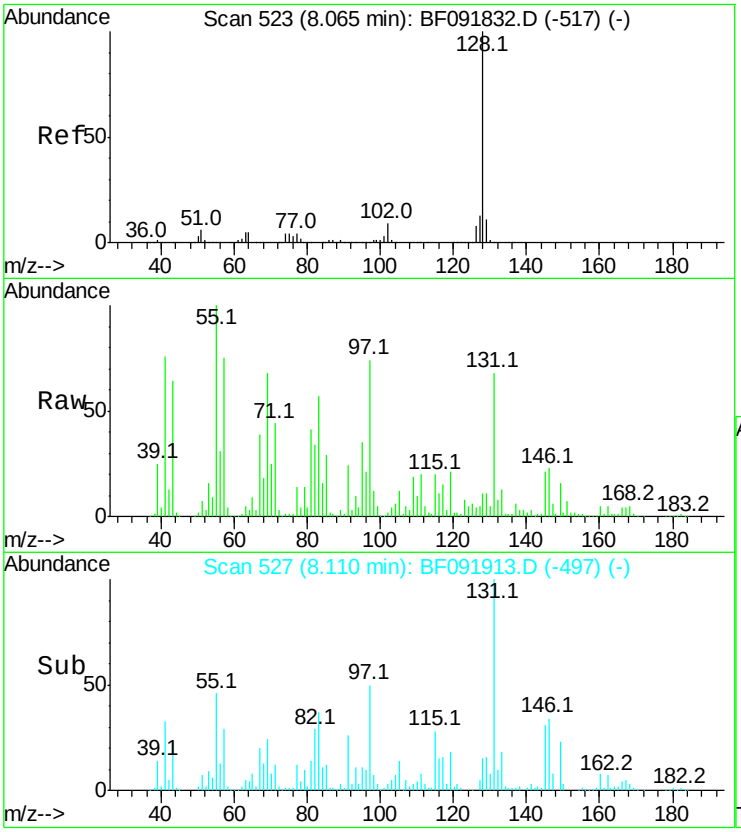


#30
1,2,4-Trichlorobenzene
Concen: 5.97 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:180 Resp: 42224

Ion	Ratio	Lower	Upper
180	100		
182	85.9	78.2	117.4
145	7.4	21.6	32.4#



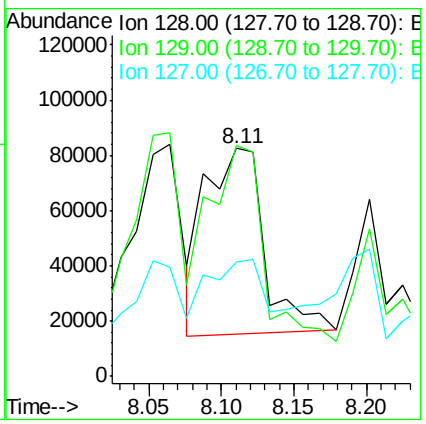


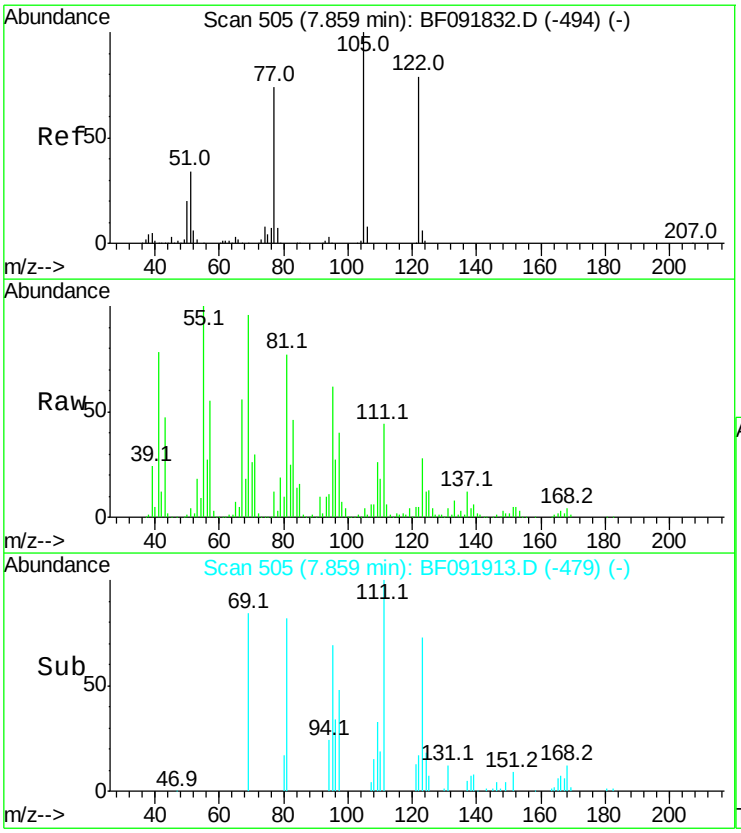
#31
Naphthalene
Concen: 8.65 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.05 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 192586

Ion	Ratio	Lower	Upper
128	100		
129	101.3	9.5	14.3#
127	50.2	10.8	16.2#

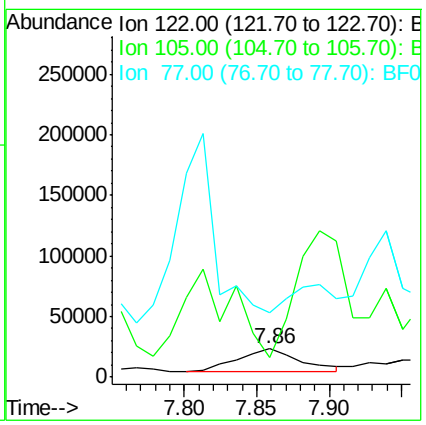


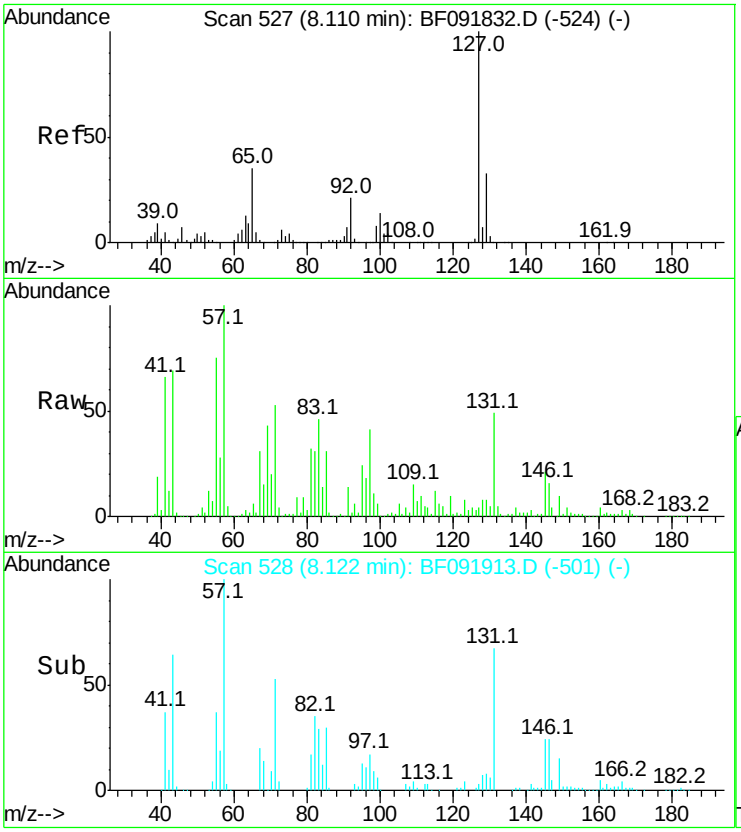


#32
Benzoic acid
Concen: 9.88 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:122 Resp: 55889

Ion	Ratio	Lower	Upper
122	100		
105	69.1	107.2	147.2#
77	226.3	74.5	114.5#



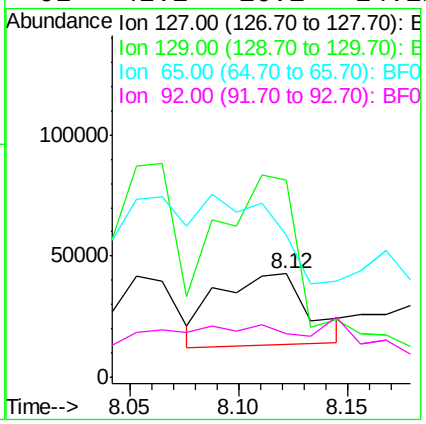


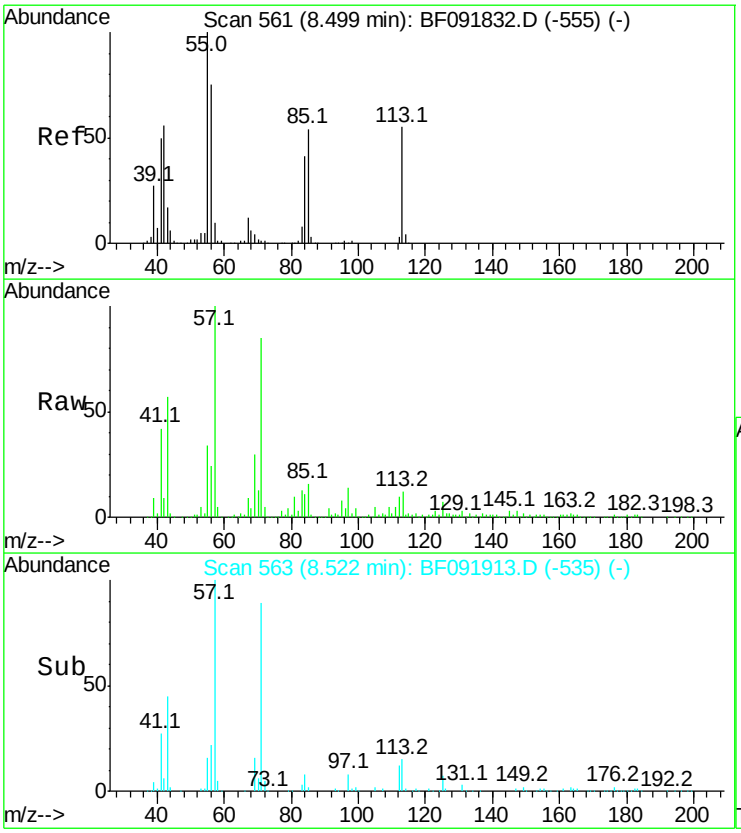
#33
4-Chloroaniline
Concen: 8.52 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 85574

Ion	Ratio	Lower	Upper
127	100		
129	190.7	26.3	39.5#
65	138.4	25.8	38.8#
92	42.2	16.1	24.1#

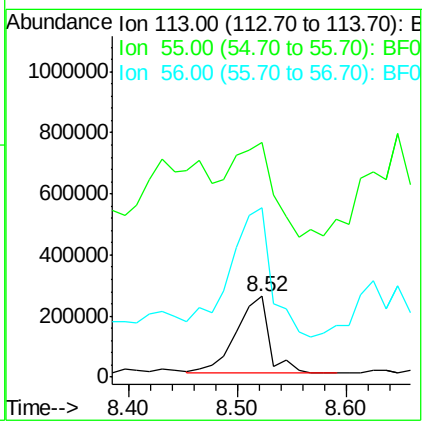


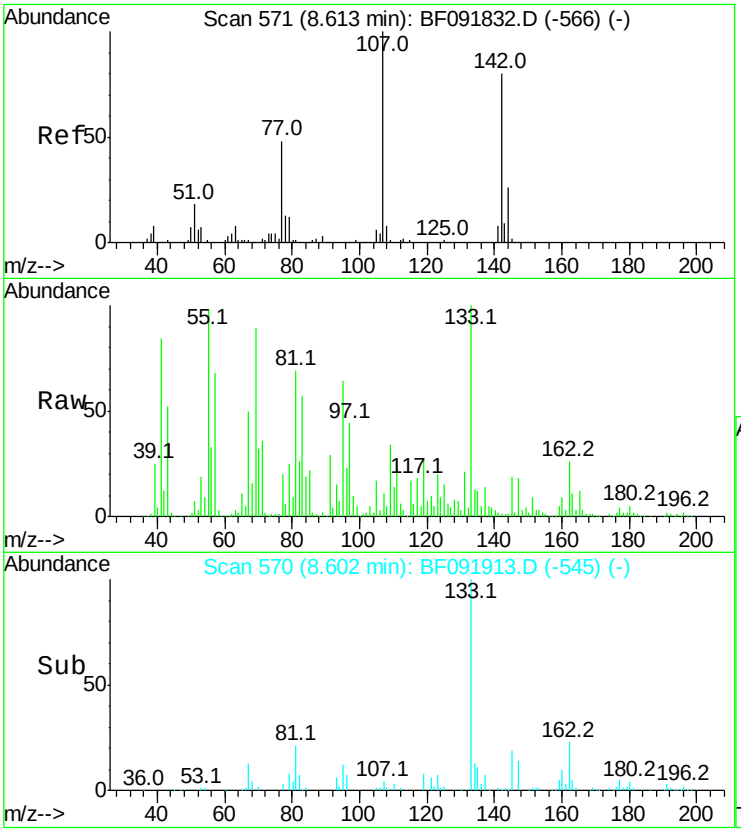


#35
Caprolactam
Concen: 252.13 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:113 Resp: 534899

Ion	Ratio	Lower	Upper
113	100		
55	290.8	119.2	159.2#
56	209.8	83.8	123.8#



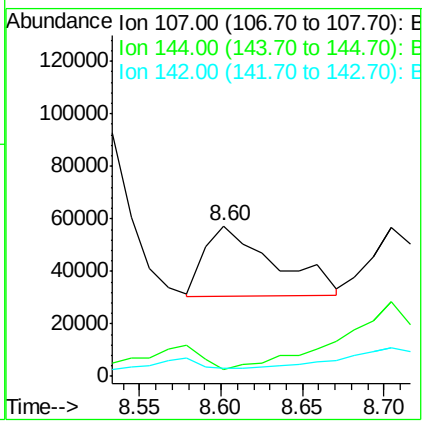


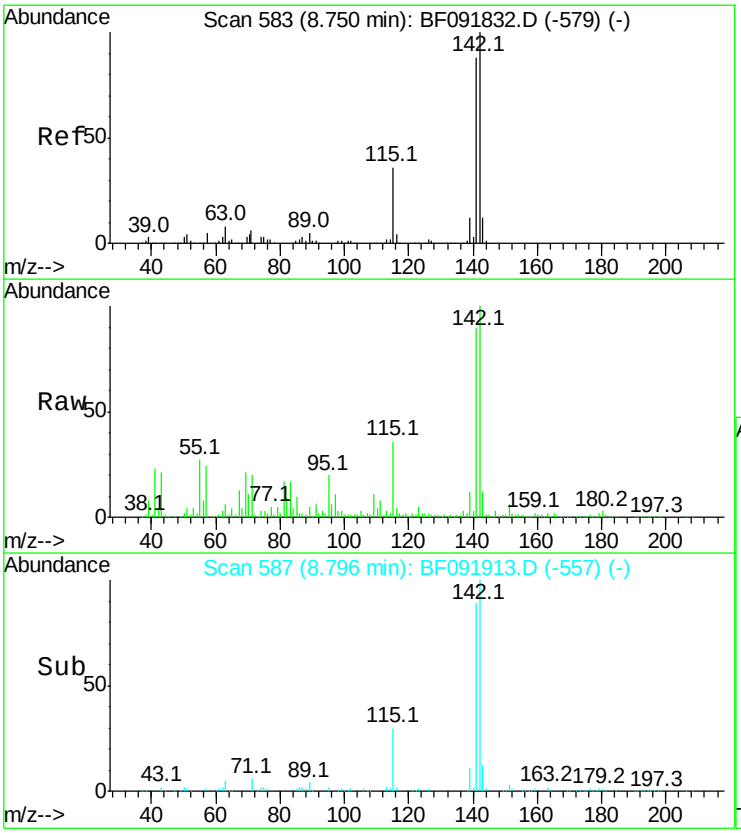
#36
4-Chloro-3-methylphenol
Concen: 10.74 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 79748

Ion	Ratio	Lower	Upper
107	100		
144	4.8	19.3	28.9#
142	5.2	59.0	88.6#

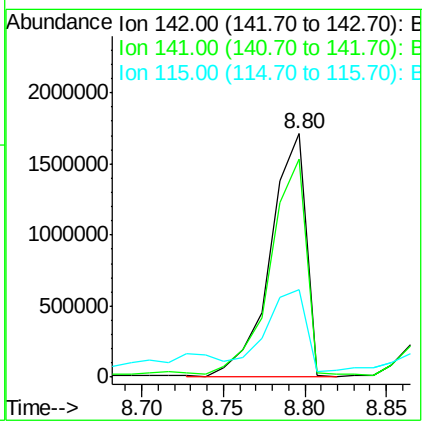


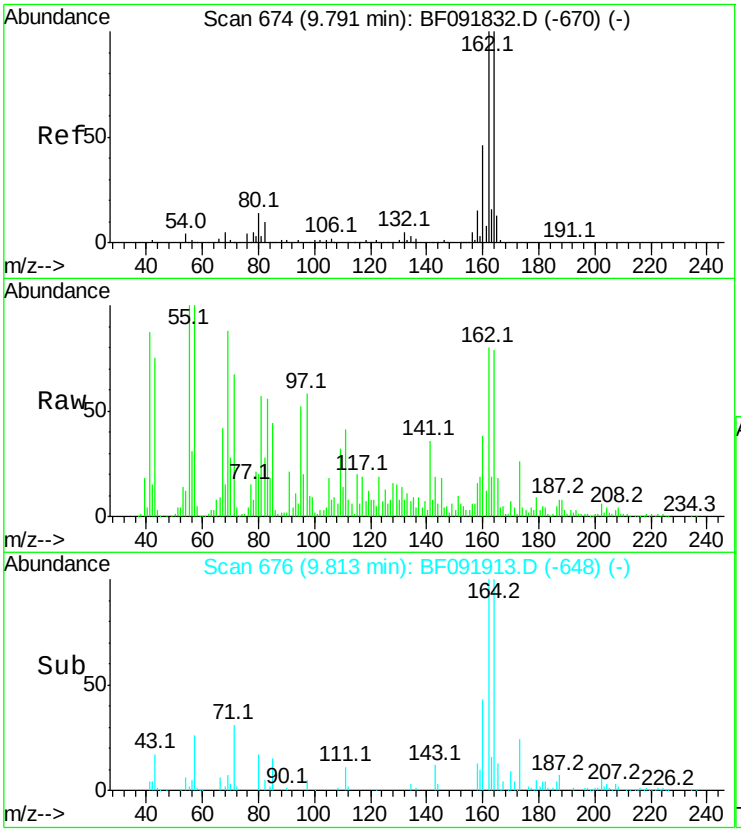


#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.80 min Scan# 587
Delta R.T. 0.05 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:142 Resp: 2589392

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	35.9	28.3	42.5



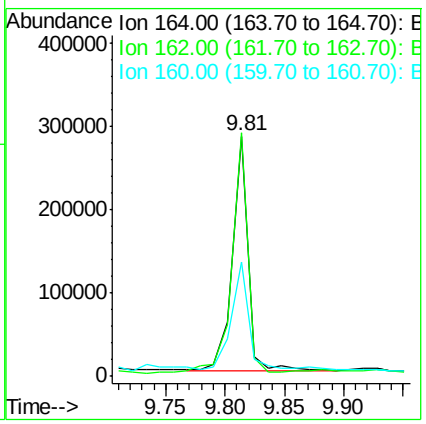


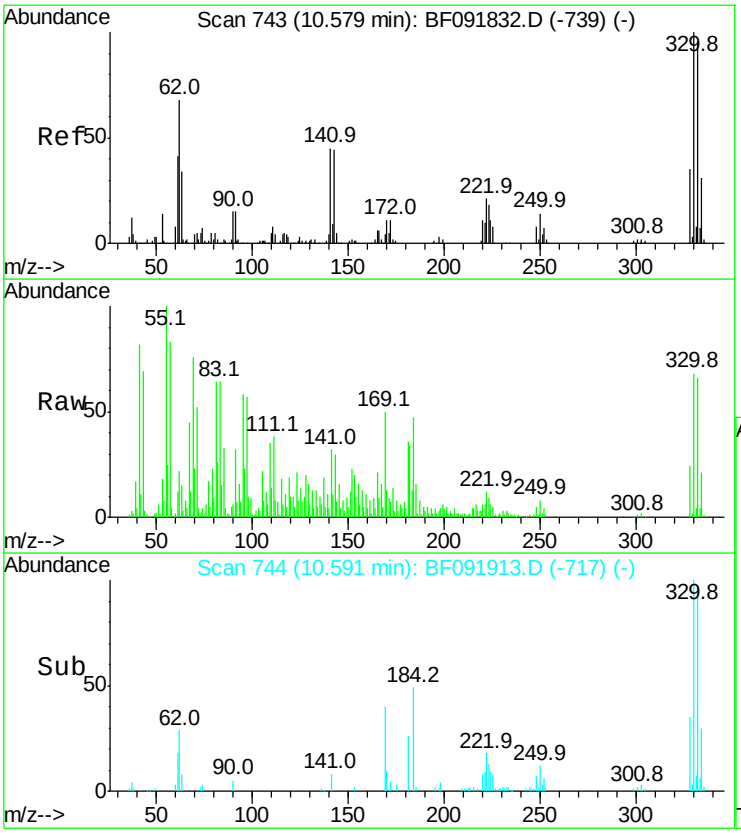
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 256874

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	47.6	36.9	55.3

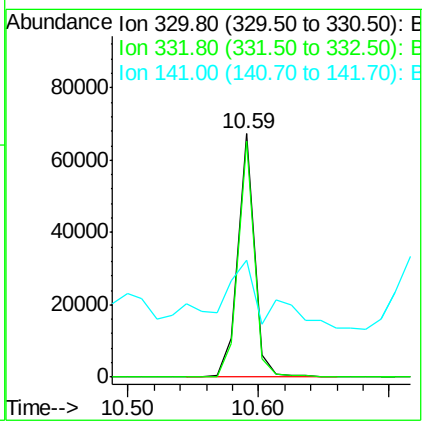


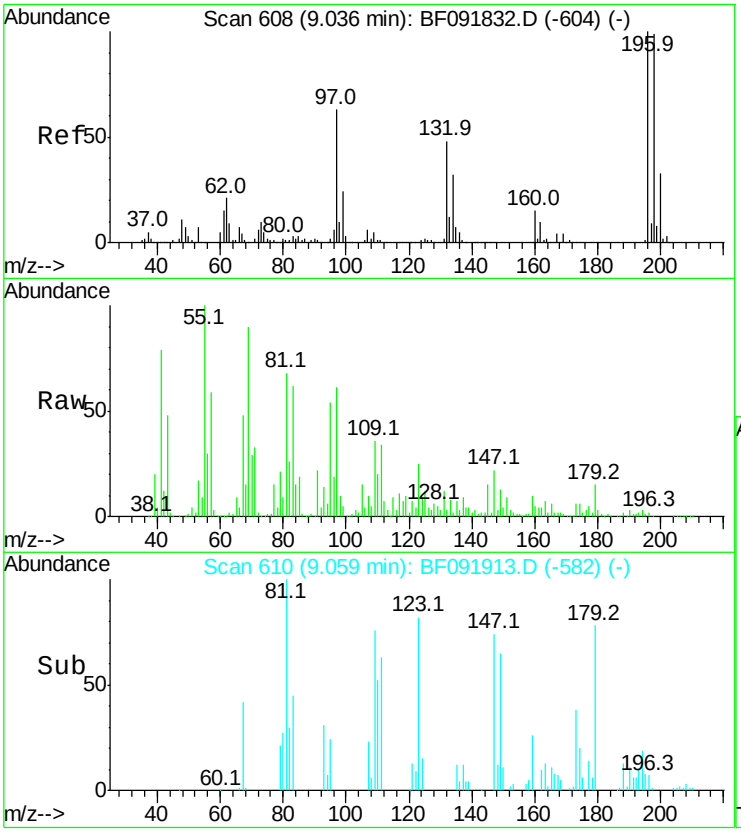


#41
2,4,6-Tribromophenol
Concen: 27.87 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:330 Resp: 59241

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	81.0	34.1	51.1#



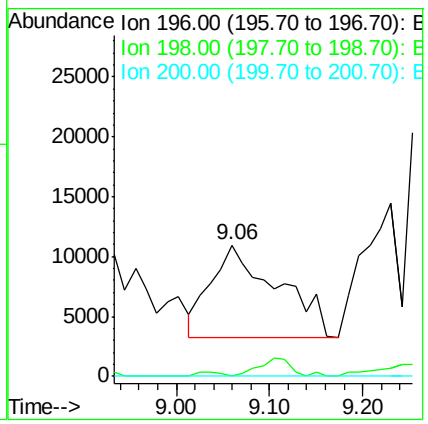


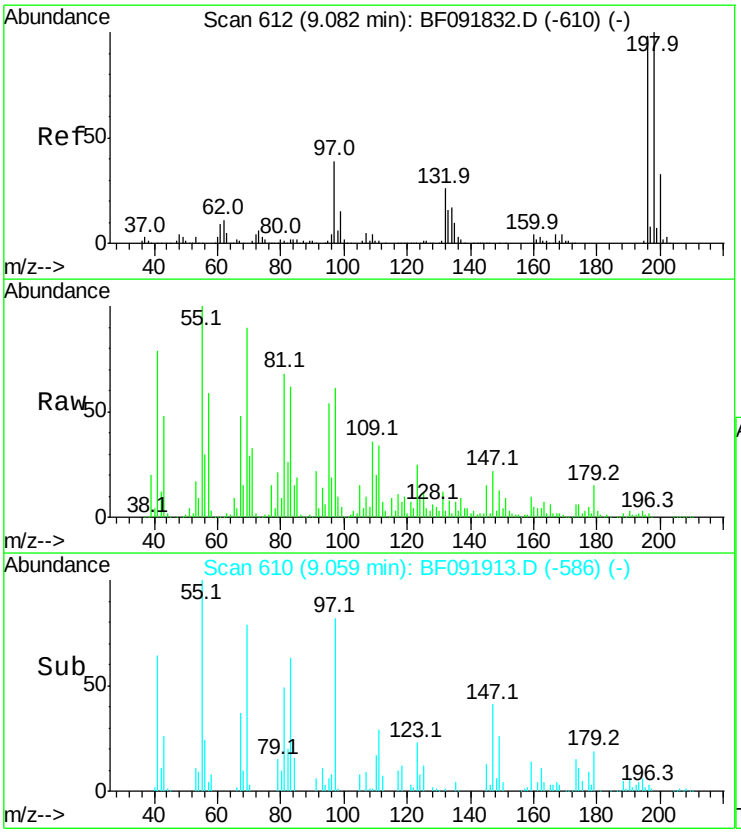
#42
2,4,6-Trichlorophenol
Concen: 8.38 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 38032

Ion	Ratio	Lower	Upper
196	100		
198	0.0	82.1	123.1#
200	0.0	27.0	40.4#

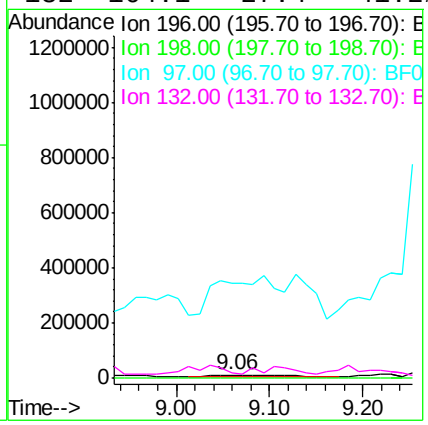


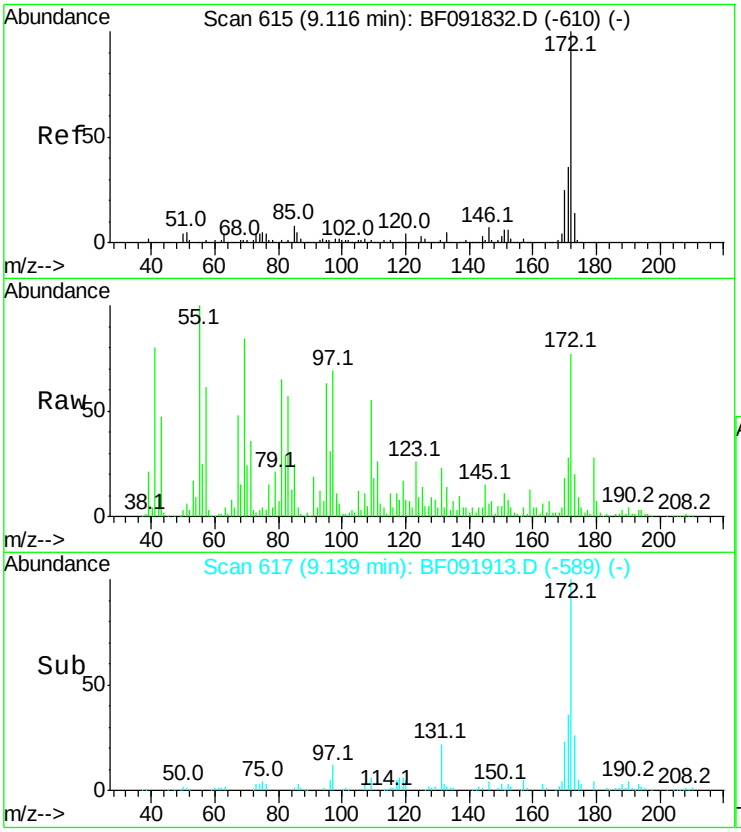


#43
2,4,5-Trichlorophenol
Concen: 8.14 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:196 Resp: 38032

Ion	Ratio	Lower	Upper
196	100		
198	0.0	79.4	119.2#
97	3138.7	51.5	77.3#
132	164.1	27.4	41.2#



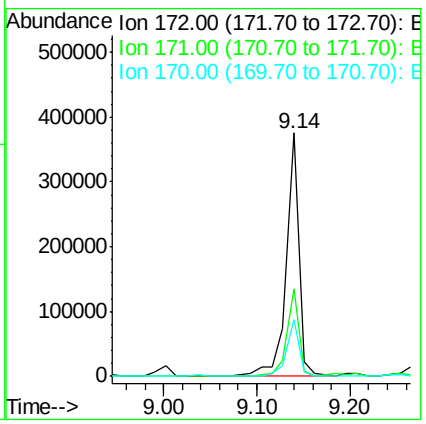


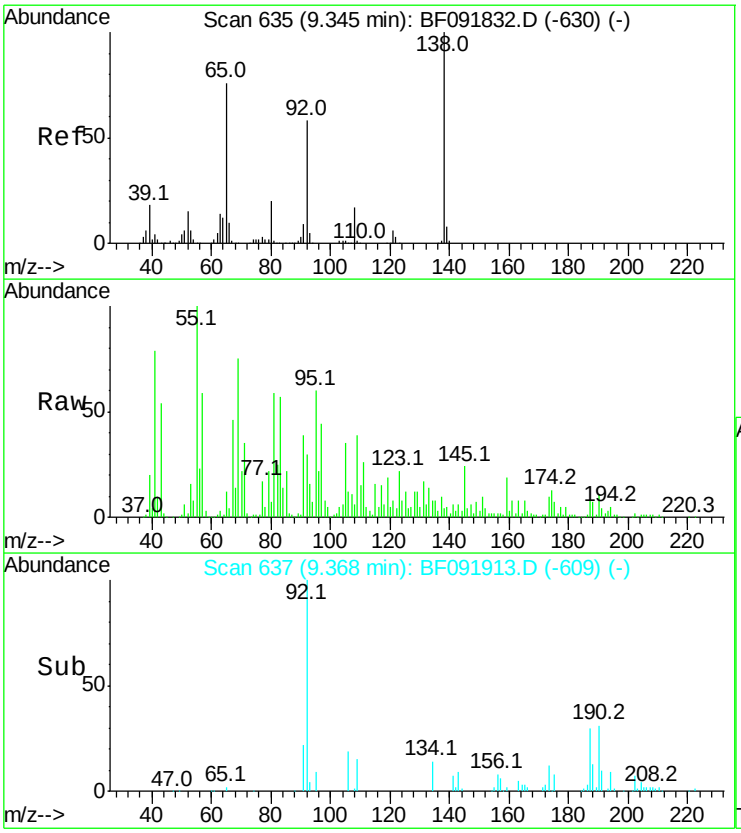
#44
2-Fluorobiphenyl
Concen: 18.04 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 353579

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.5	20.2	30.4

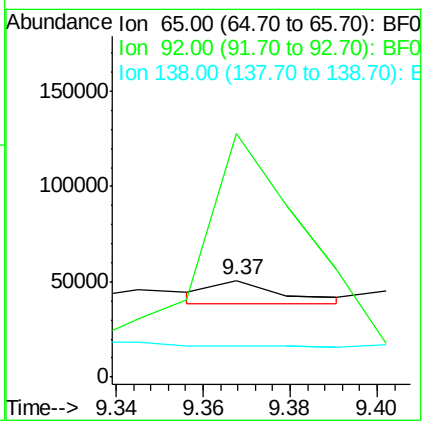


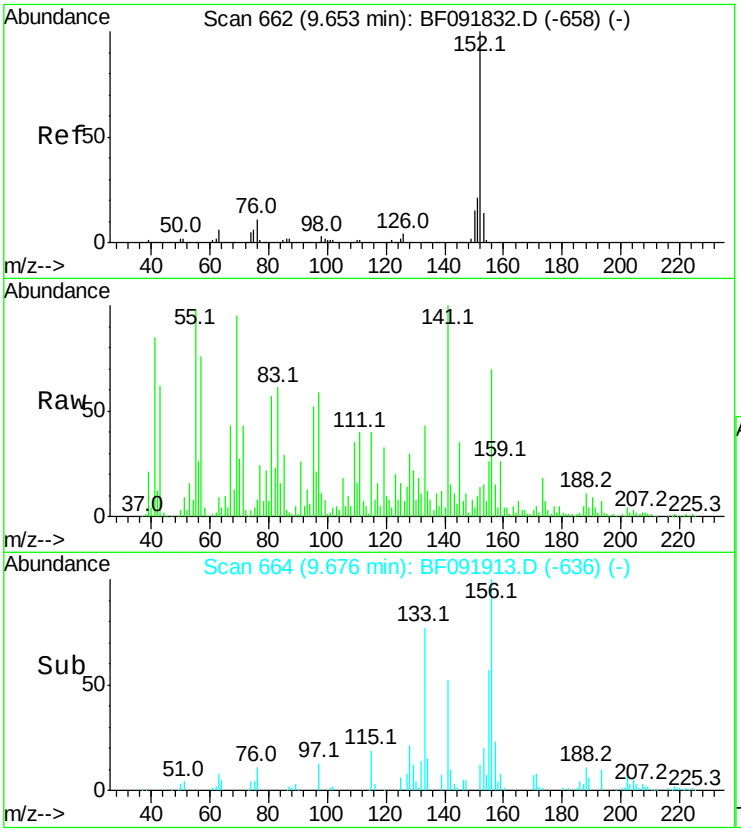


#47
2-Nitroaniline
Concen: 2.82 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion: 65 Resp: 13964

Ion	Ratio	Lower	Upper
65	100		
92	251.4	53.9	80.9#
138	31.8	76.8	115.2#



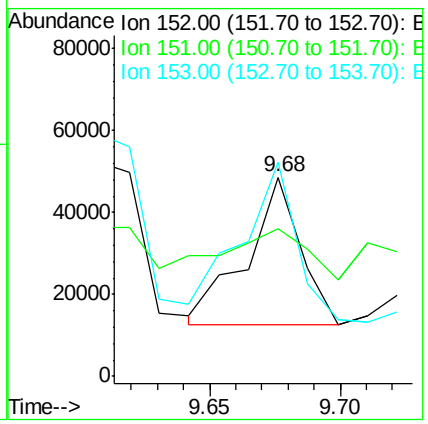


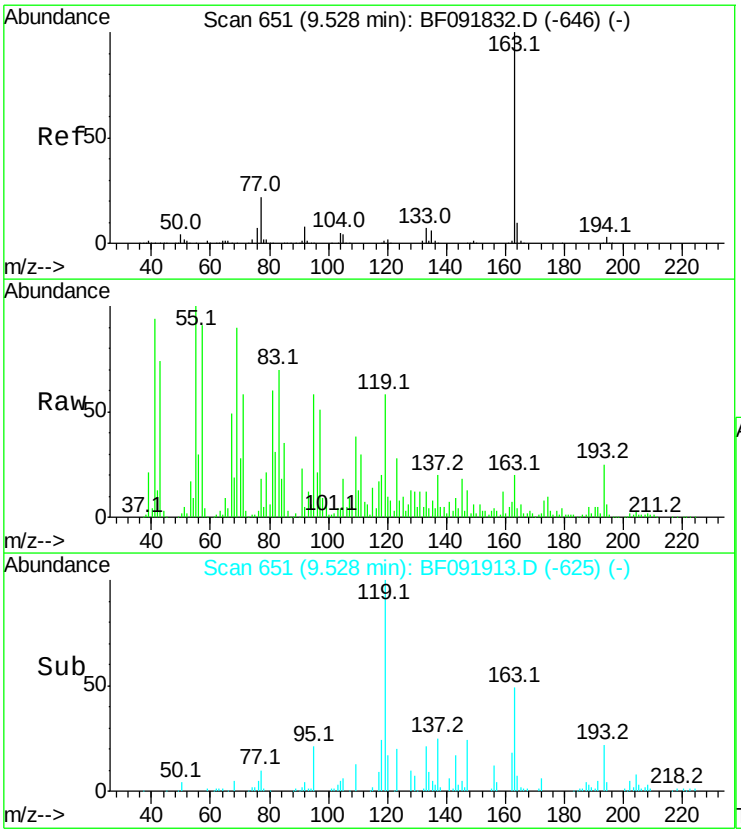
#48
Acenaphthylene
Concen: 2.40 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51443

Ion	Ratio	Lower	Upper
152	100		
151	73.8	16.9	25.3#
153	107.5	11.4	17.2#

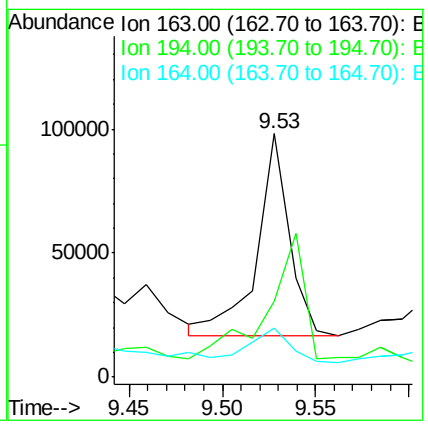


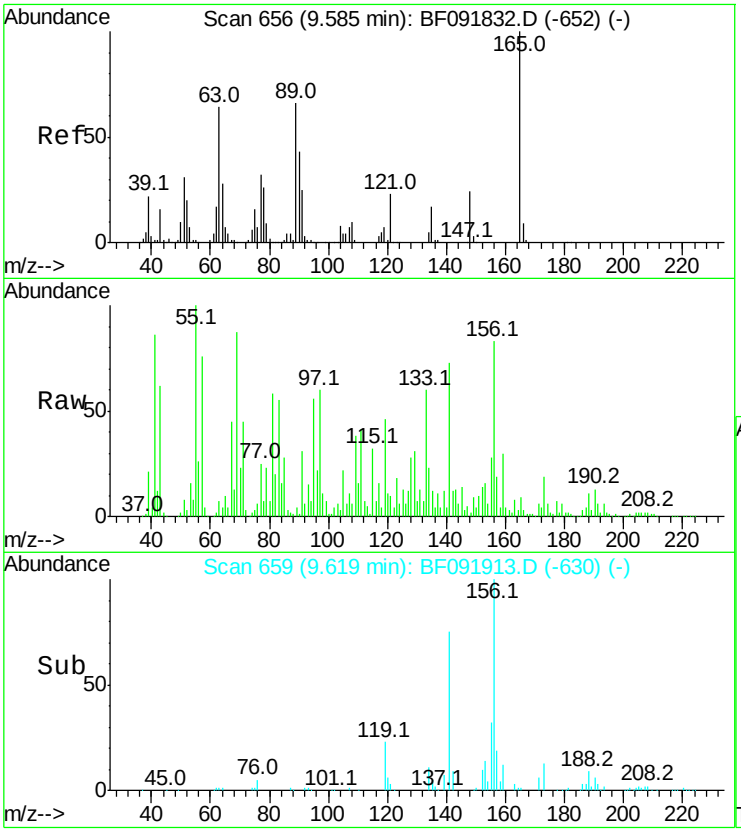


#49
Dimethylphthalate
Concen: 5.88 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:163 Resp: 96651

Ion	Ratio	Lower	Upper
163	100		
194	31.4	3.0	4.4#
164	20.2	8.0	12.0#



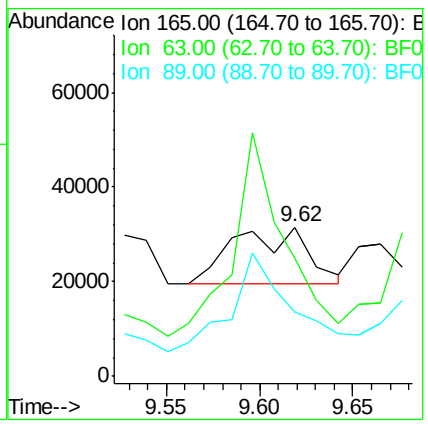


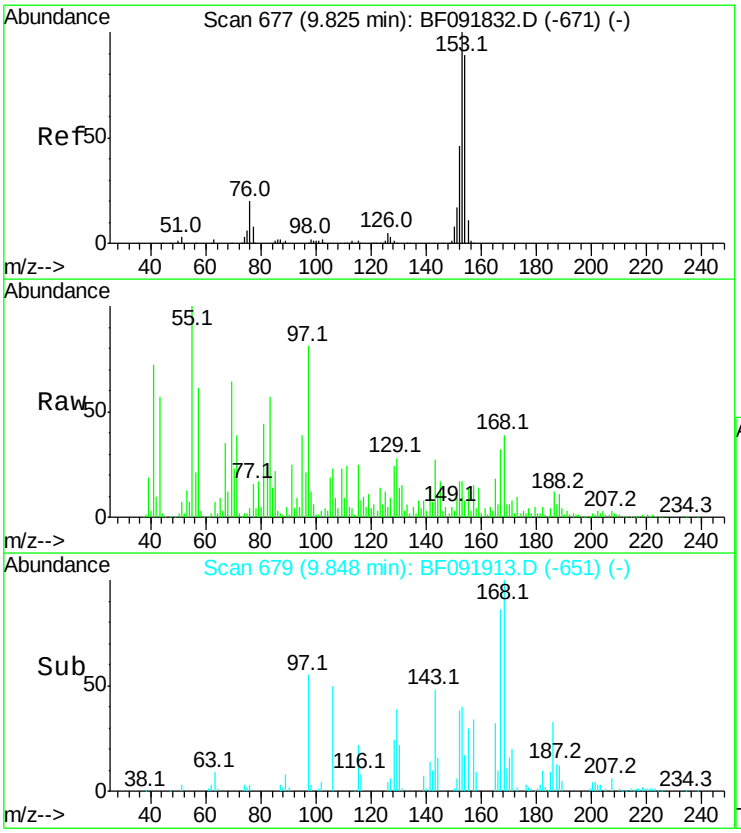
#50
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33123

Ion	Ratio	Lower	Upper
165	100		
63	78.8	36.2	54.4#
89	43.5	40.2	60.4

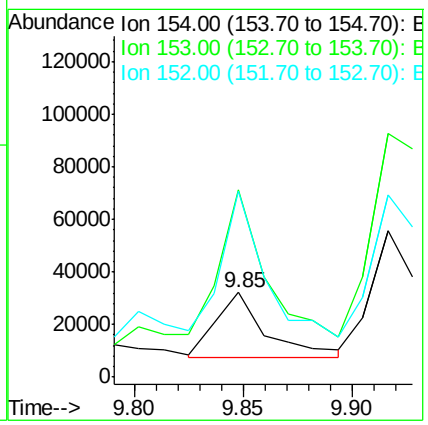


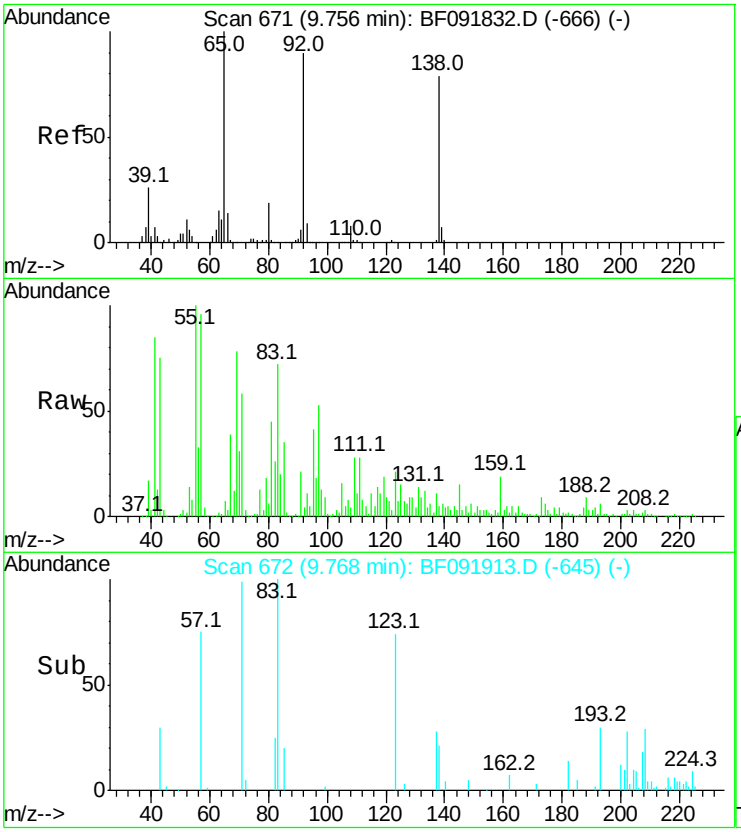


#51
Acenaphthene
Concen: 2.76 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:154 Resp: 40106

Ion	Ratio	Lower	Upper
154	100		
153	220.6	88.6	133.0#
152	219.1	41.6	62.4#



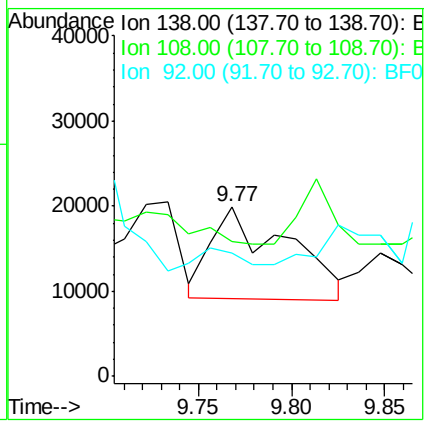


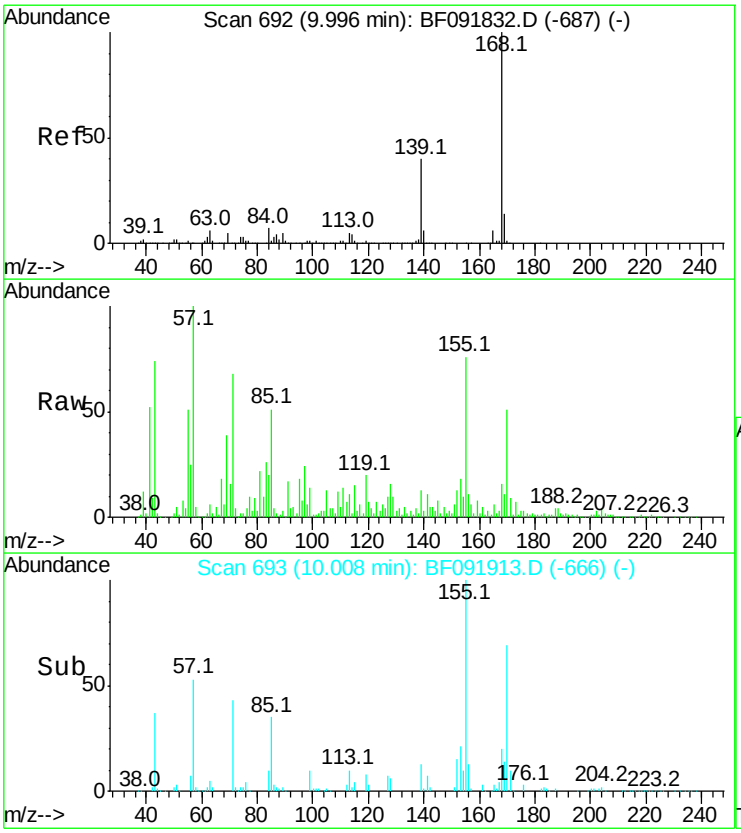
#52
3-Nitroaniline
Concen: 6.84 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 30457

Ion	Ratio	Lower	Upper
138	100		
108	79.8	8.5	12.7#
92	72.6	97.8	146.8#

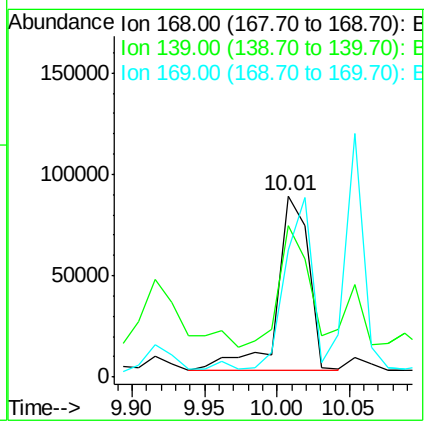


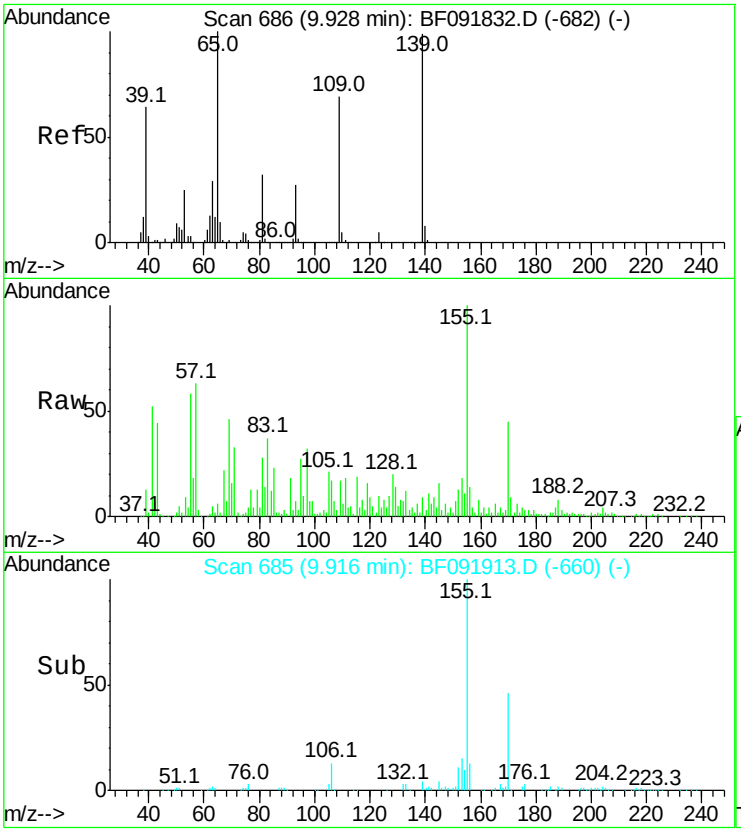


#54
Dibenzofuran
Concen: 6.65 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:168 Resp: 130481

Ion	Ratio	Lower	Upper
168	100		
139	83.7	32.6	49.0#
169	70.0	11.3	16.9#



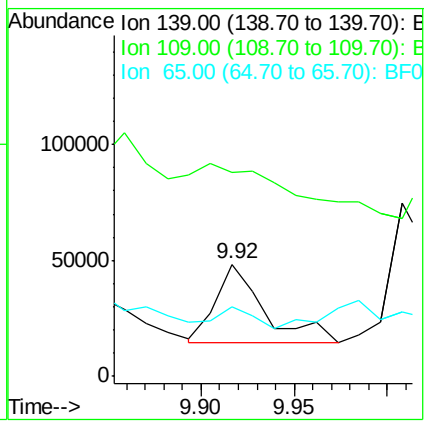


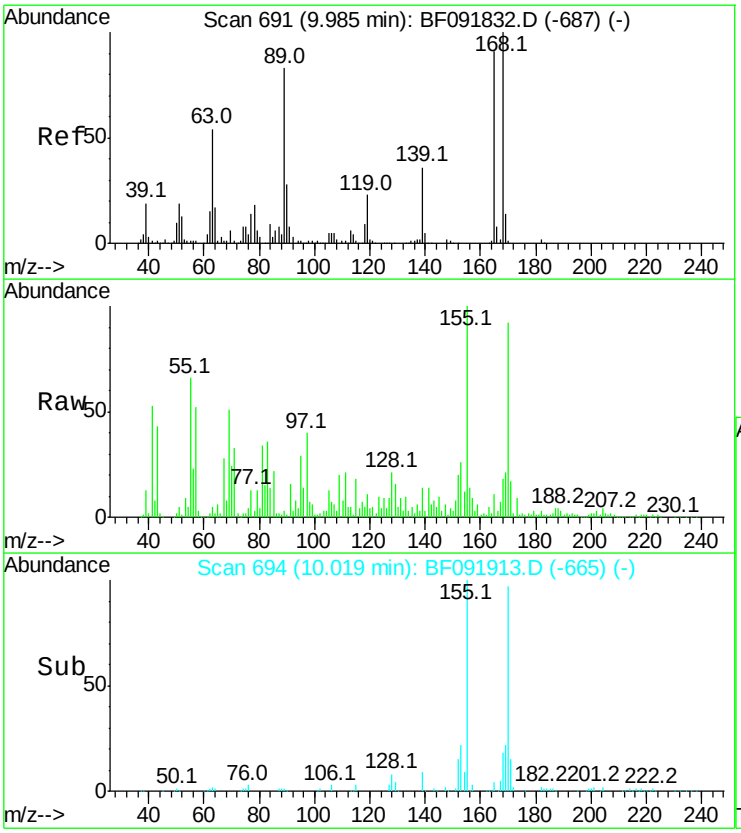
#55
4-Nitrophenol
Concen: 19.96 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 60310

Ion	Ratio	Lower	Upper
139	100		
109	182.6	52.2	92.2#
65	62.2	85.8	125.8#

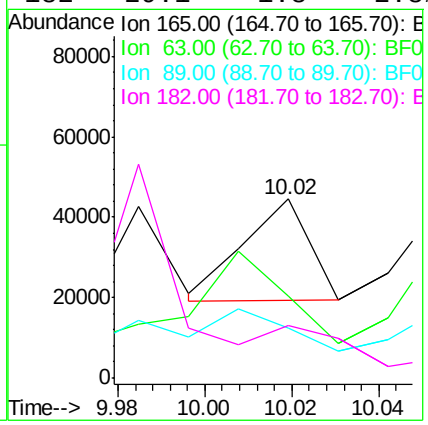


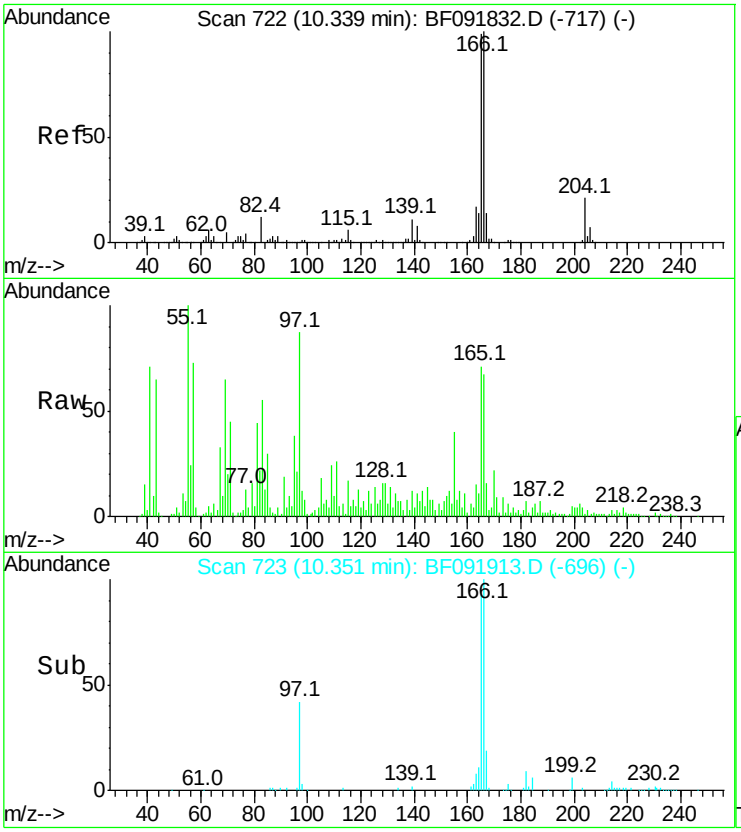


#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.03 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:165 Resp: 26222

Ion	Ratio	Lower	Upper
165	100		
63	45.8	40.2	60.4
89	28.2	62.5	93.7#
182	29.1	1.8	2.8#



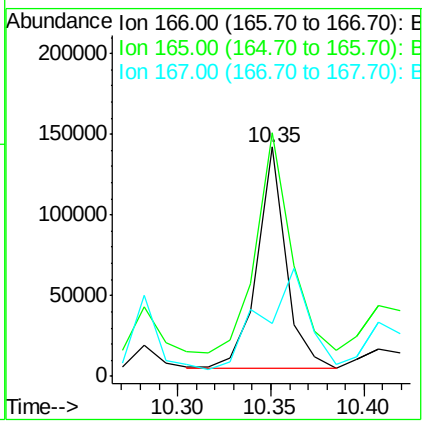


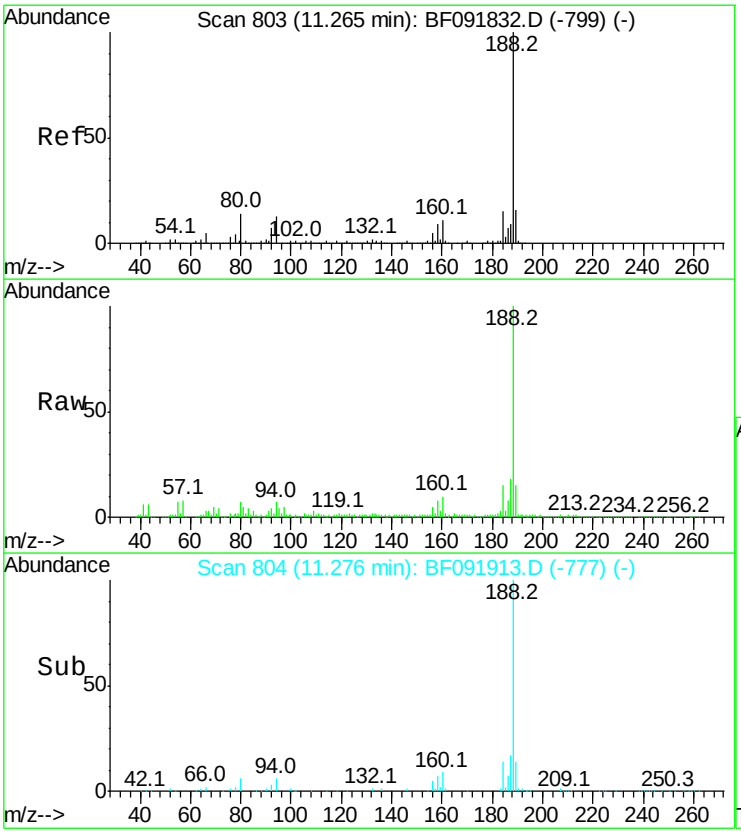
#57
Fluorene
Concen: 10.30 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 147007

Ion	Ratio	Lower	Upper
166	100		
165	106.1	77.8	116.8
167	23.3	10.8	16.2#

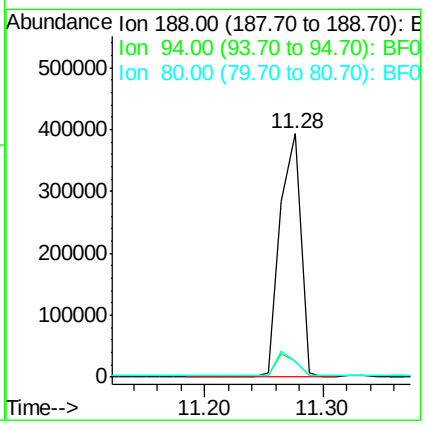


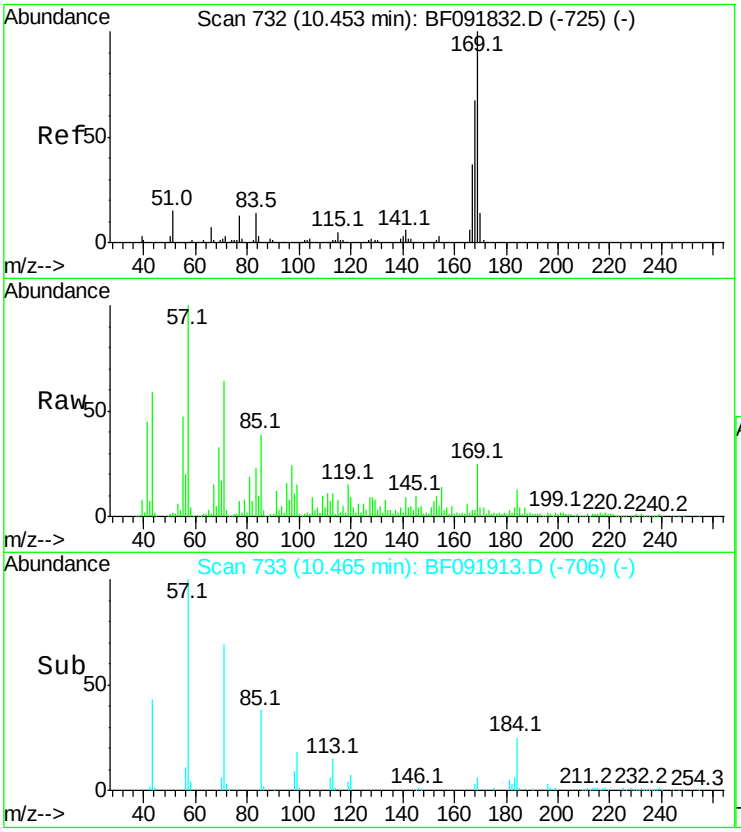


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:188 Resp: 474850

Ion	Ratio	Lower	Upper
188	100		
94	6.5	10.0	15.0#
80	6.5	11.2	16.8#



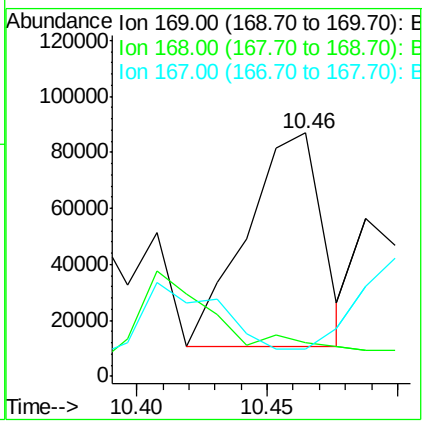


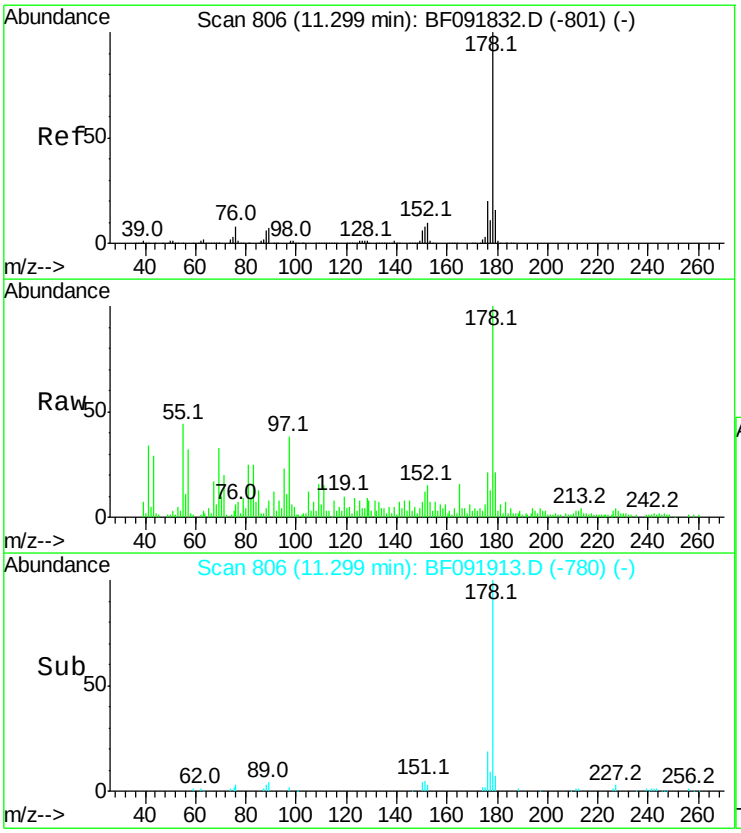
#65
n-Nitrosodiphenylamine
Concen: 10.88 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 153363

Ion	Ratio	Lower	Upper
169	100		
168	13.9	54.2	81.2#
167	11.2	30.2	45.4#

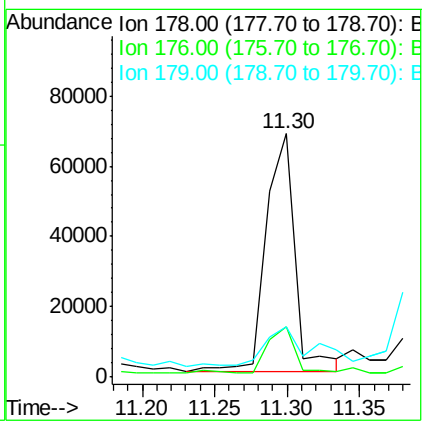


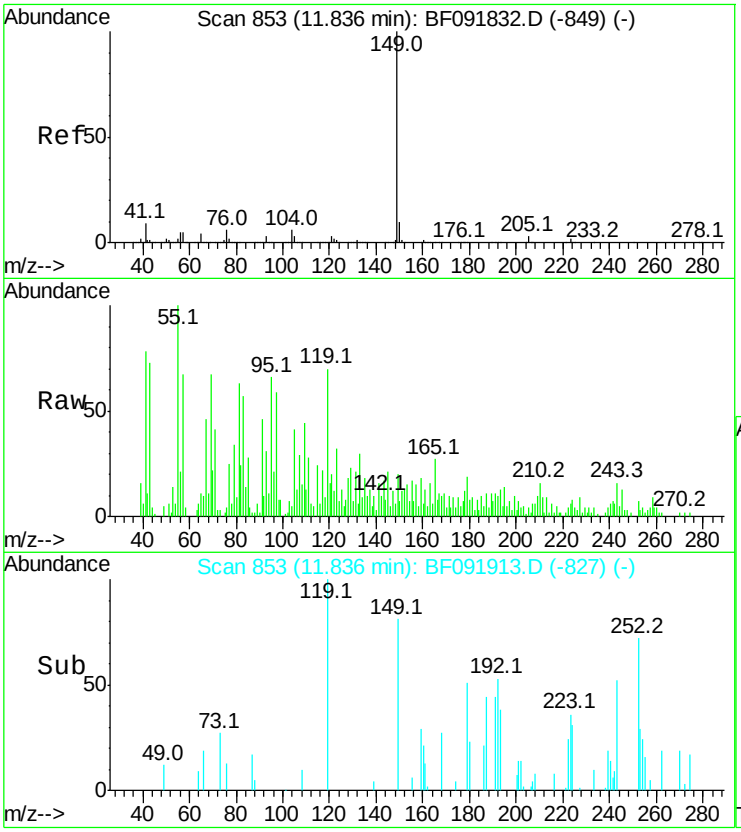


#70
Phenanthrene
Concen: 3.63 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:178 Resp: 93552

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	20.6	12.8	19.2#



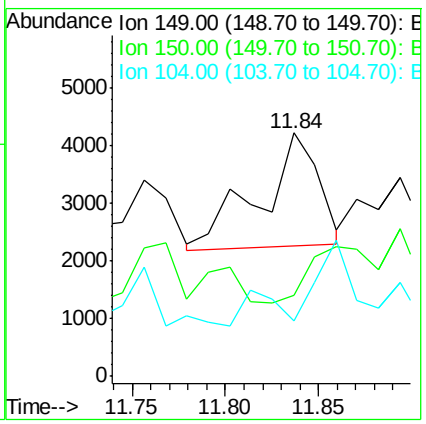


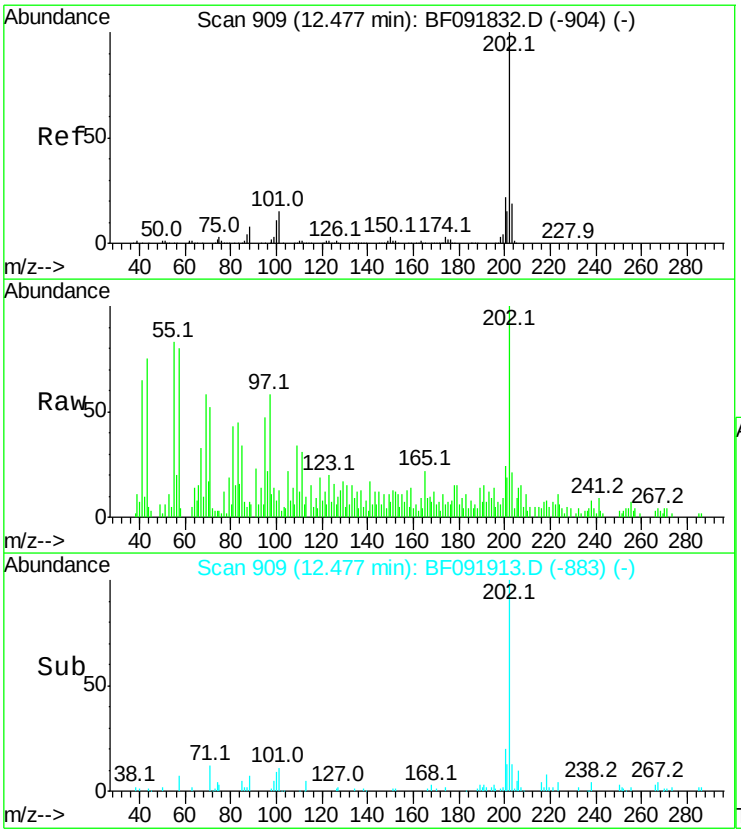
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 4289

Ion	Ratio	Lower	Upper
149	100		
150	33.6	8.1	12.1#
104	22.6	4.6	7.0#

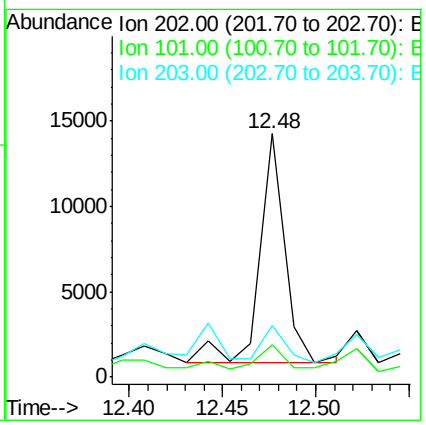


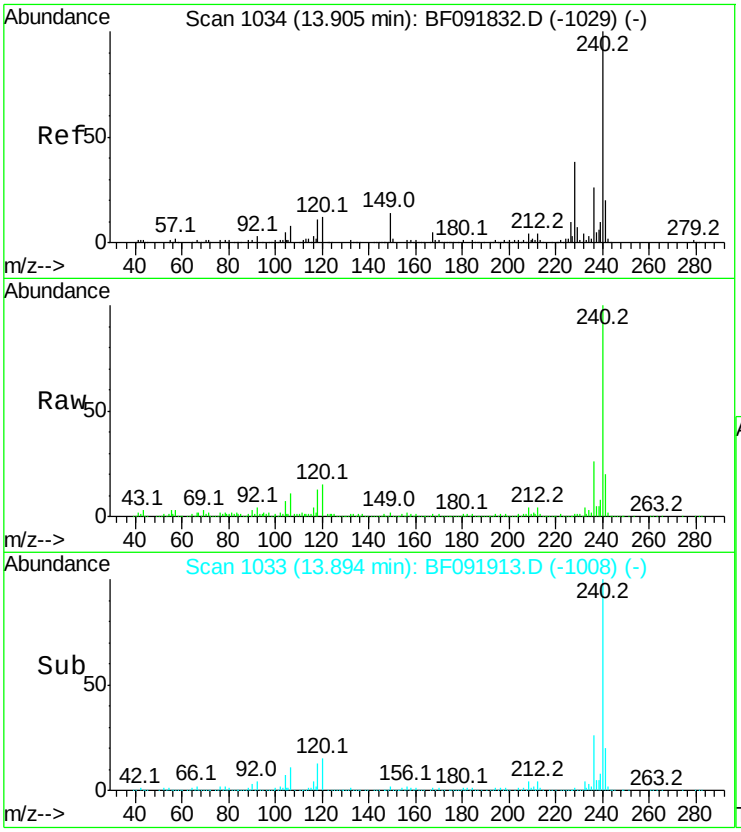


#74
Fluoranthene
Concen: Below Cal
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:202 Resp: 12643

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.6
203	21.1	0.0	38.7



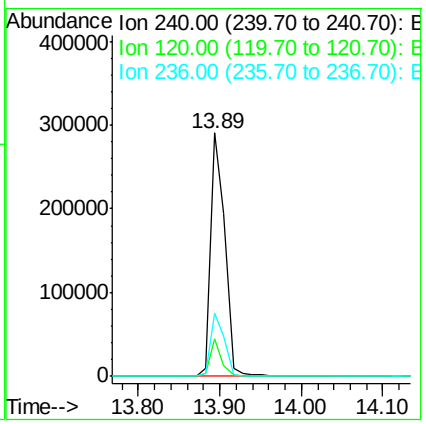


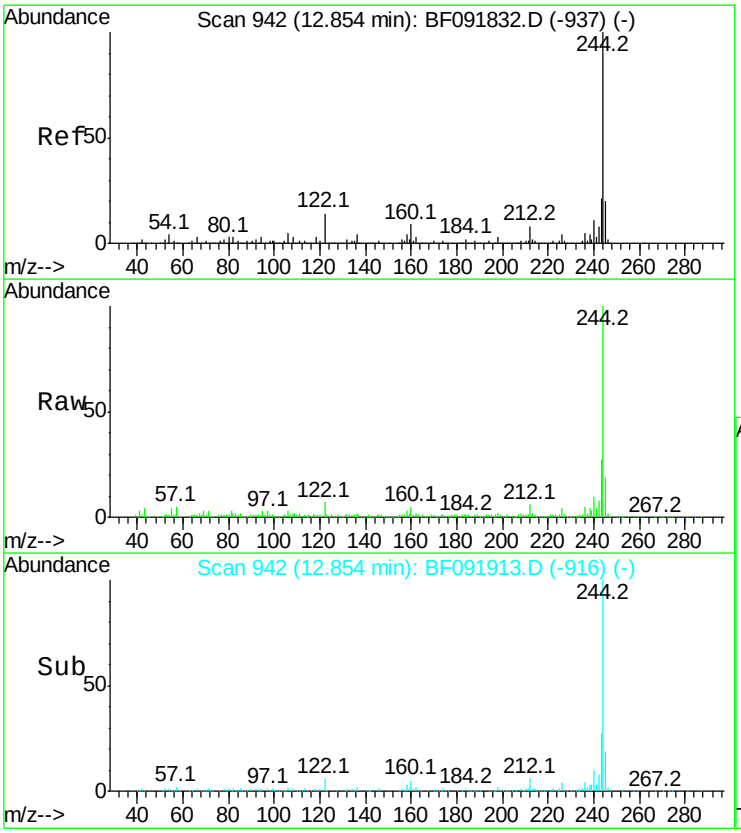
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 353604

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.9	19.3
236	25.8	20.9	31.3

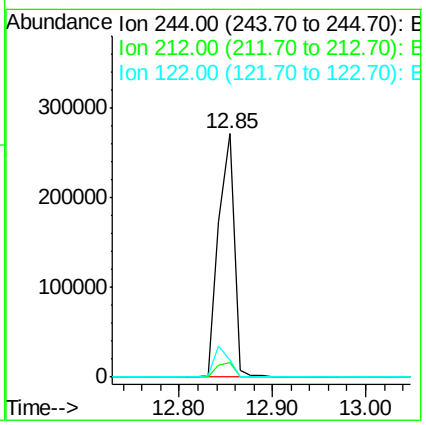


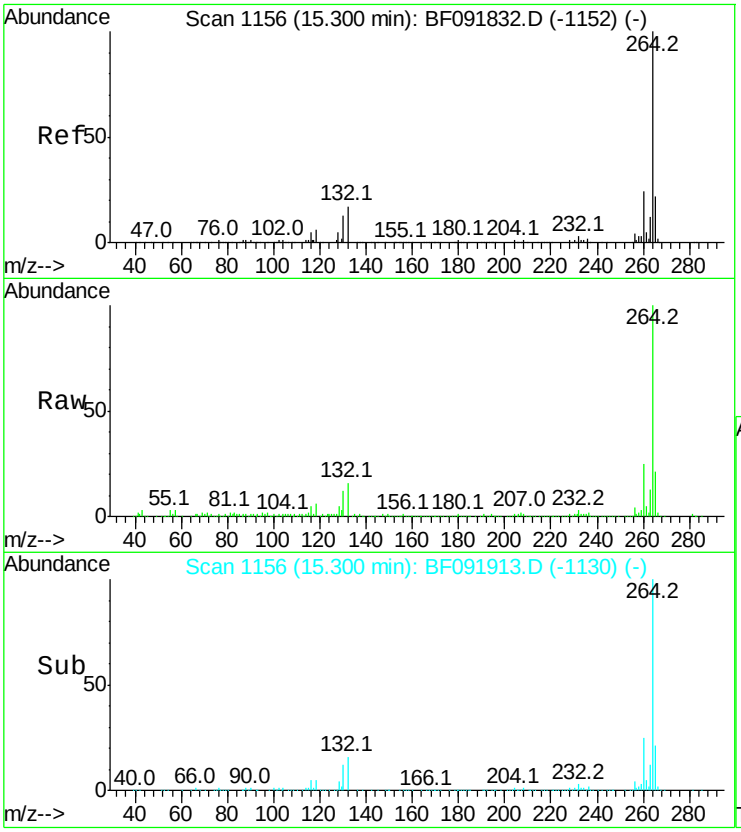


#78
Terphenyl-d14
Concen: 21.65 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:244 Resp: 315655

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.2	9.2#
122	6.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 291290

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.2	17.4	26.0