Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091803.D
Acq On : 20 Dec 2016 5:06
Operator : UM/SJ
Sample : H6125-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47(8-9.5)-12-14-16RE

Quant Time: Dec 20 06:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177633	20.00	ng		0.01
21) Naphthalene-d8	8.11	136	328119	20.00	ng		0.05
38) Acenaphthene-d10	9.86	164	199650	20.00	ng		0.05
63) Phenanthrene-d10	11.30	188	457831	20.00	ng		0.01
75) Chrysene-d12	13.93	240	486656	20.00	ng		0.00
86) Perylene-d12	15.32	264	455780	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1129541	106.54	ng		0.00
7) Phenol-d6	6.42	99	1460563	112.95	ng		0.00
23) Nitrobenzene-d5	7.36	82	731291	128.53	ng		0.01
41) 2,4,6-Tribromophenol	10.61	330	169552	100.15	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	559915	56.34	ng		0.05
78) Terphenyl-d14	12.90	244	810459	42.05	ng		0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.98	42	17039	2.62	ng	#	1
9) Benzaldehyde	6.32	77	72358	7.03	ng	#	9
10) Phenol	6.43	94	121633	8.35	ng	#	52
11) bis(2-Chloroethyl)ether	6.44	93	26768	2.30	ng	#	1
15) Benzyl Alcohol	6.84	79	193017	19.28	ng	#	31
18) Hexachloroethane	7.37	117	2406784	499.53	ng	#	11
19) n-Nitroso-di-n-propylamine	7.23	70	166274	19.33	ng	#	72
20) 3+4-Methylphenols	7.22	107	22396	2.06	ng	#	1
22) Acetophenone	7.28	105	152565	19.26	ng	#	1
24) Nitrobenzene	7.34	77	696128	113.93	ng	#	50
25) Isophorone	7.63	82	1048473	96.58	ng	#	1
26) 2-Nitrophenol	7.66	139	109084	37.01	ng	#	1
27) 2,4-Dimethylphenol	7.77	122	111648	23.22	ng	#	1
28) bis(2-Chloroethoxy)methane	7.92	93	185261	29.17	ng	#	1
29) 2,4-Dichlorophenol	7.96	162	114143	25.74	ng	#	1
30) 1,2,4-Trichlorobenzene	8.01	180	59281	12.33	ng	#	83
31) Naphthalene	8.11	128	362124	23.10	ng	#	1
32) Benzoic acid	7.92	122	85170	24.85	ng	#	1
33) 4-Chloroaniline	8.25	127	27684	4.19	ng	#	1
35) Caprolactam	8.58	113	720547	504.96	ng	#	1
36) 4-Chloro-3-methylphenol	8.67	107	57386	11.73	ng	#	31
37) 2-Methylnaphthalene	8.85	142	2447386	247.65	ng		97
42) 2,4,6-Trichlorophenol	9.12	196	36943	10.39	ng	#	12
43) 2,4,5-Trichlorophenol	9.12	196	24555	7.03	ng	#	1
46) 2-Chloronaphthalene	9.37	162	31103	2.91	ng	#	1
47) 2-Nitroaniline	9.41	65	36485	9.99	ng	#	6
48) Acenaphthylene	9.72	152	91243	5.51	ng	#	1
49) Dimethylphthalate	9.57	163	110678	8.49	ng	#	43
50) 2,6-Dinitrotoluene	9.64	165	116442	40.72	ng	#	61
51) Acenaphthene	9.89	154	84827	7.46	ng	#	1
52) 3-Nitroaniline	9.81	138	47243	13.27	ng	#	45
53) 2,4-Dinitrophenol	9.79	184	4416	2.86	ng	#	1
54) Dibenzofuran	10.05	168	240330	17.77	ng	#	32
55) 4-Nitrophenol	9.96	139	110910	44.86	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091803.D
Acq On : 20 Dec 2016 5:06
Operator : UM/SJ
Sample : H6125-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47(8-9.5)-12-14-16RE

Quant Time: Dec 20 06:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	10.05	165	42624	11.93	ng	#	58
57) Fluorene	10.38	166	336096	32.00	ng	#	79
60) 4-Chlorophenyl-phenylether	10.40	204	14335	3.00	ng	#	1
62) Azobenzene	10.52	77	122791	9.00	ng	#	1
65) n-Nitrosodiphenylamine	10.49	169	331137	23.29	ng	#	45
68) Atrazine	11.01	200	46142	10.74	ng	#	1
70) Phenanthrene	11.32	178	354300	15.49	ng	#	94
71) Anthracene	11.37	178	56364	2.33	ng	#	36
72) Carbazole	11.56	167	57431	2.71	ng	#	43
74) Fluoranthene	12.54	202	100504	4.21	ng		90
83) Bis(2-ethylhexyl)phthalate	13.91	149	678557	32.52	ng		91
88) Benzo(k)fluoranthene	14.92	252	52056	2.57	ng	#	59

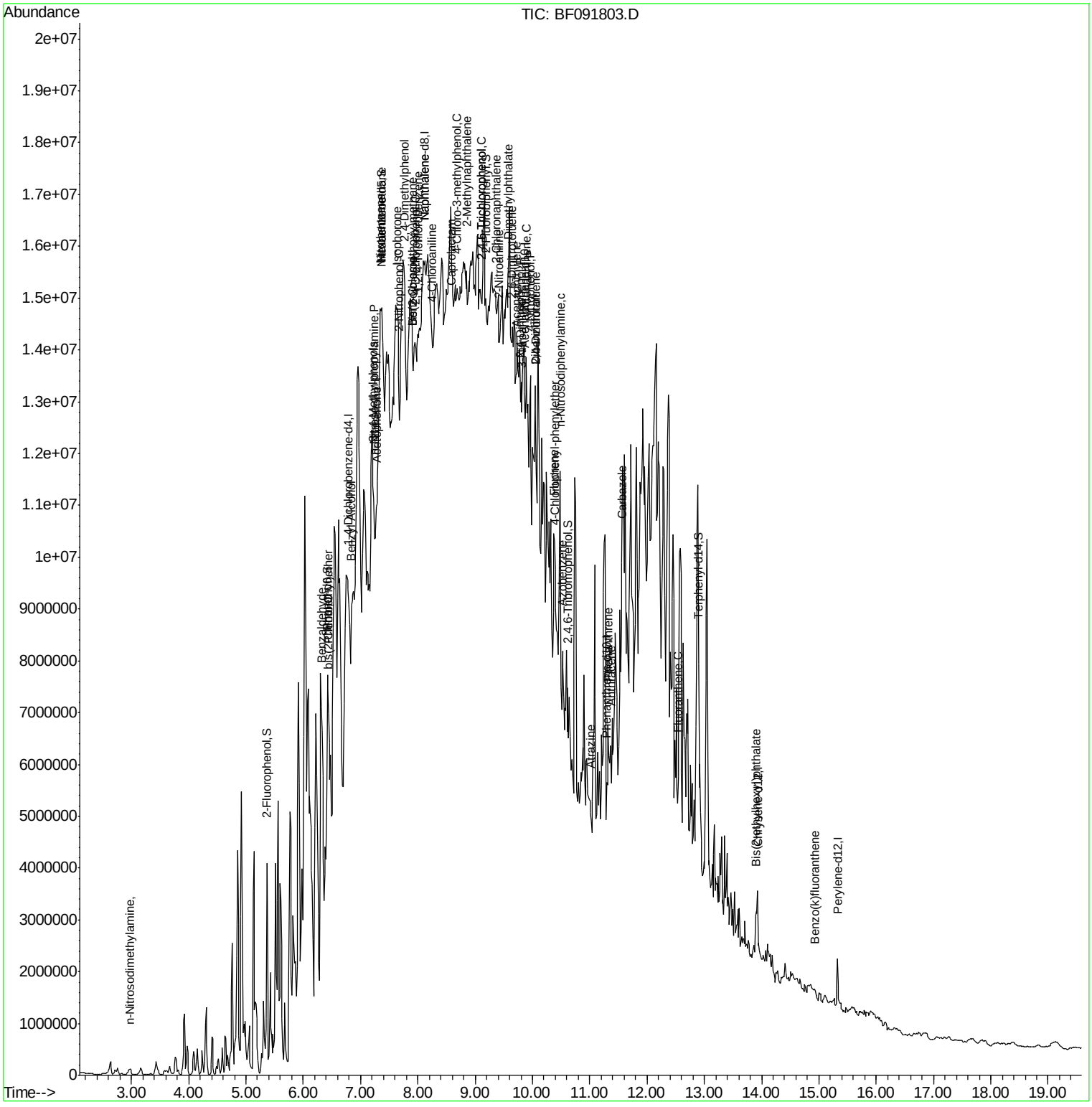
(#) = qualifier out of range (m) = manual integration (+) = signals summed

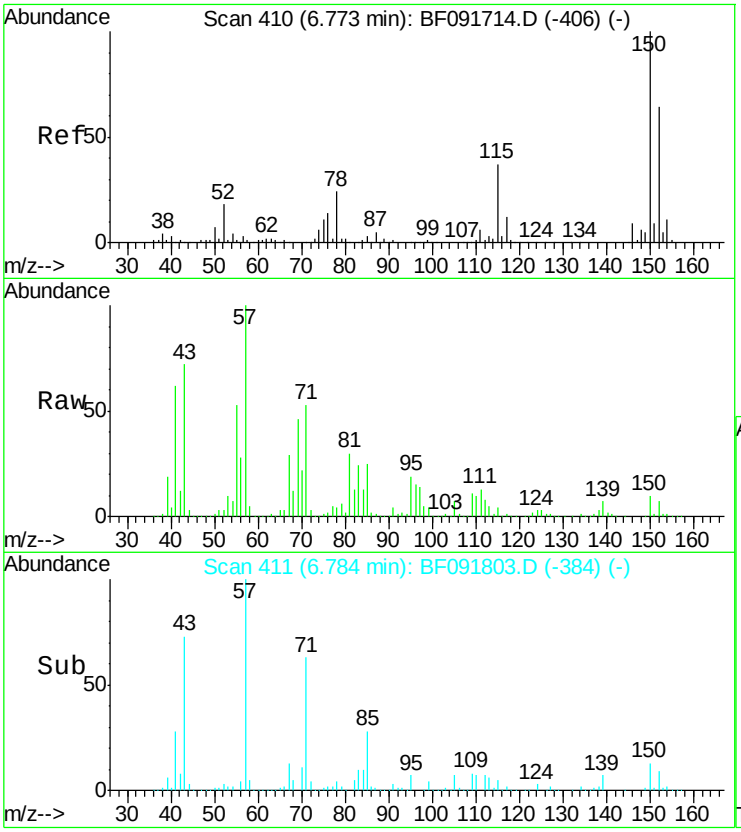
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091803.D
Acq On : 20 Dec 2016 5:06
Operator : UM/SJ
Sample : H6125-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Quant Time: Dec 20 06:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



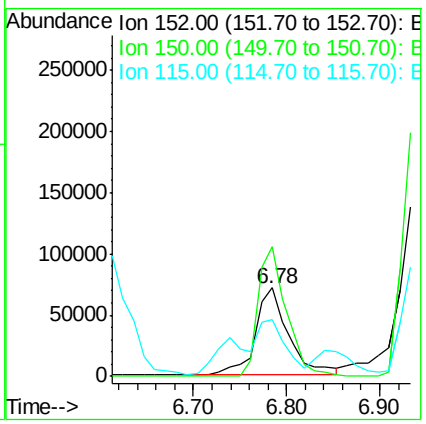


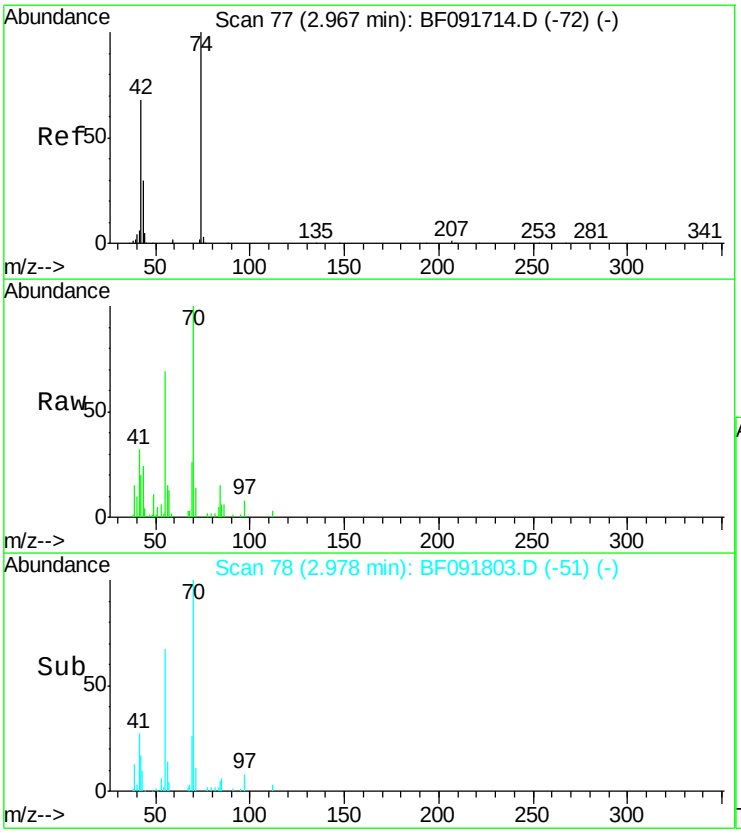
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:152 Resp: 177633

Ion	Ratio	Lower	Upper
152	100		
150	147.2	124.9	187.3
115	64.1	46.0	69.0

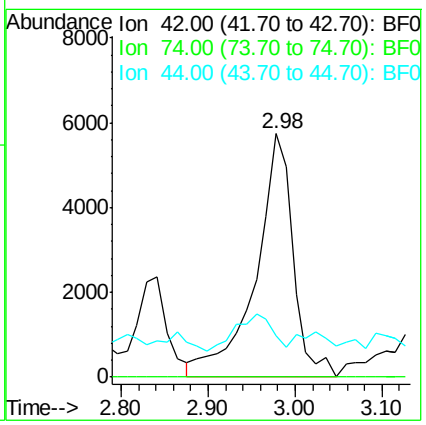


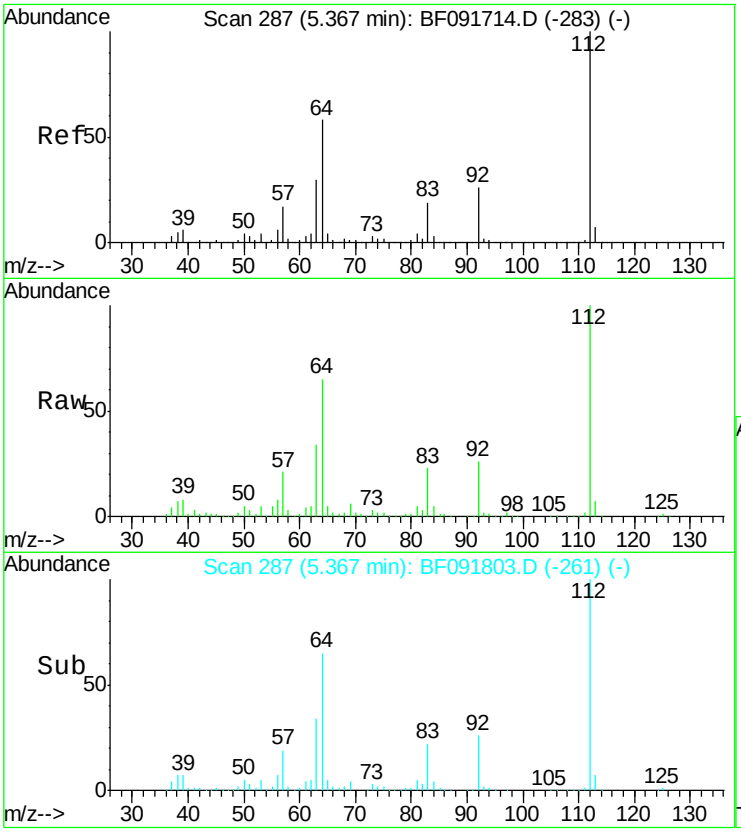


#4
n-Nitrosodimethylamine
Concen: 2.62 ng
RT: 2.98 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 42 Resp: 17039

Ion	Ratio	Lower	Upper
42	100		
74	0.0	117.0	175.4#
44	17.2	5.5	8.3#



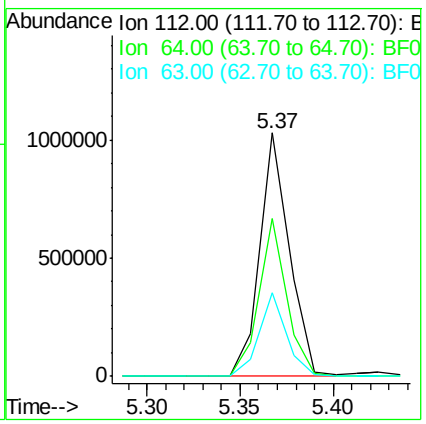


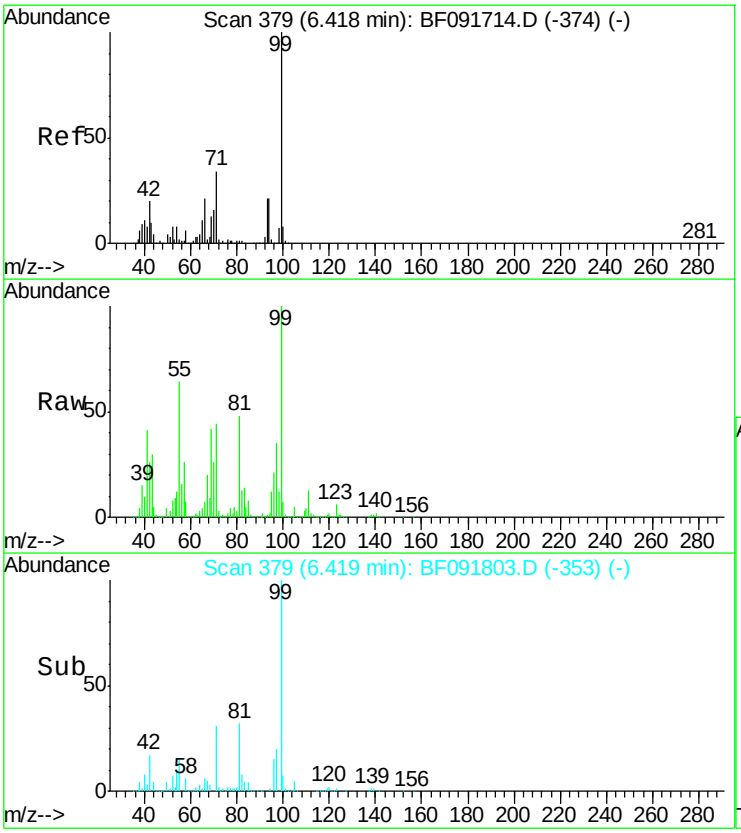
#5
2-Fluorophenol
Concen: 106.54 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:112 Resp: 1129541

Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.1	69.1
63	34.2	23.8	35.6

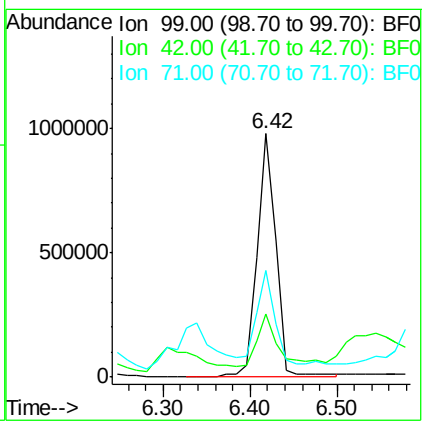


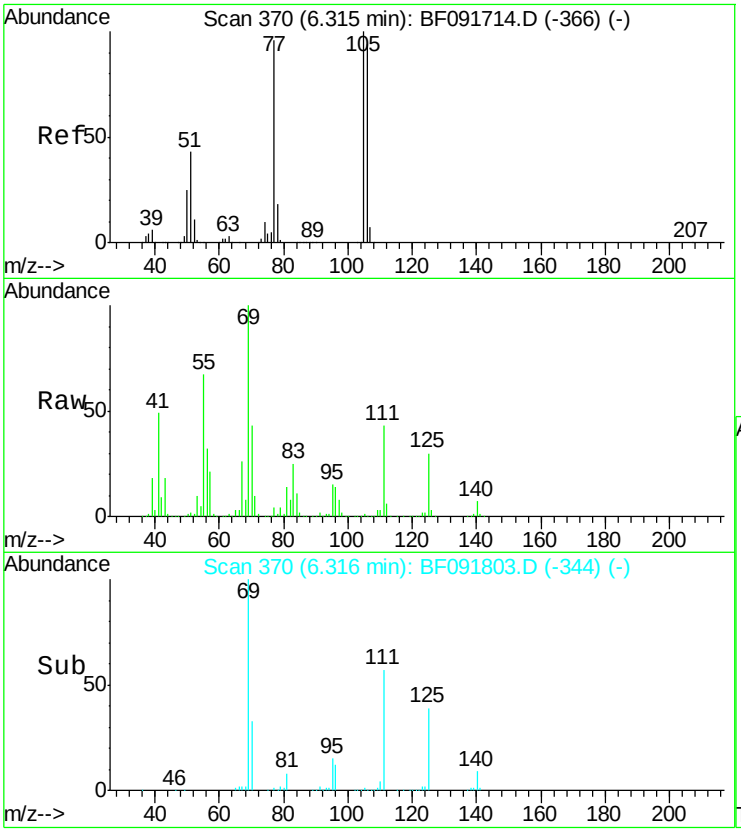


#7
Phenol-d6
Concen: 112.95 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 99 Resp: 1460563

Ion	Ratio	Lower	Upper
99	100		
42	25.8	15.6	23.4#
71	43.8	27.5	41.3#



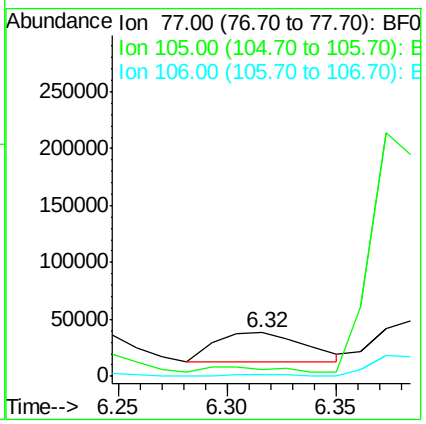


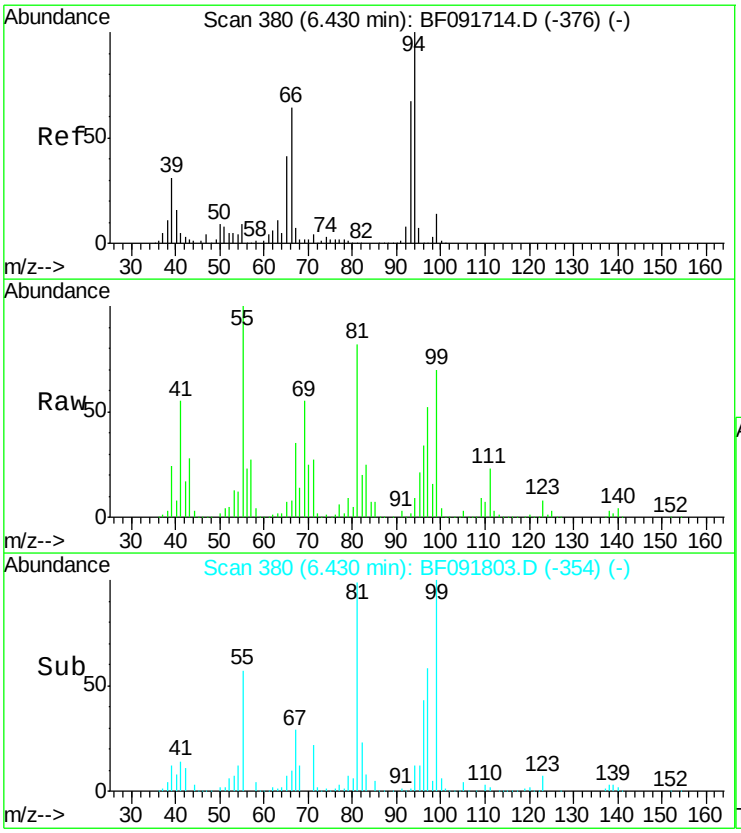
#9
Benzaldehyde
Concen: 7.03 ng
RT: 6.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion: 77 Resp: 72358

Ion	Ratio	Lower	Upper
77	100		
105	15.2	83.9	123.9#
106	2.8	77.6	117.6#

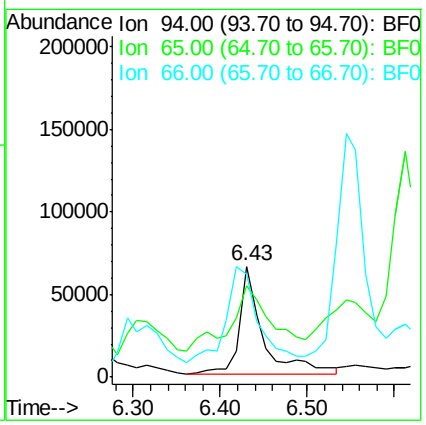


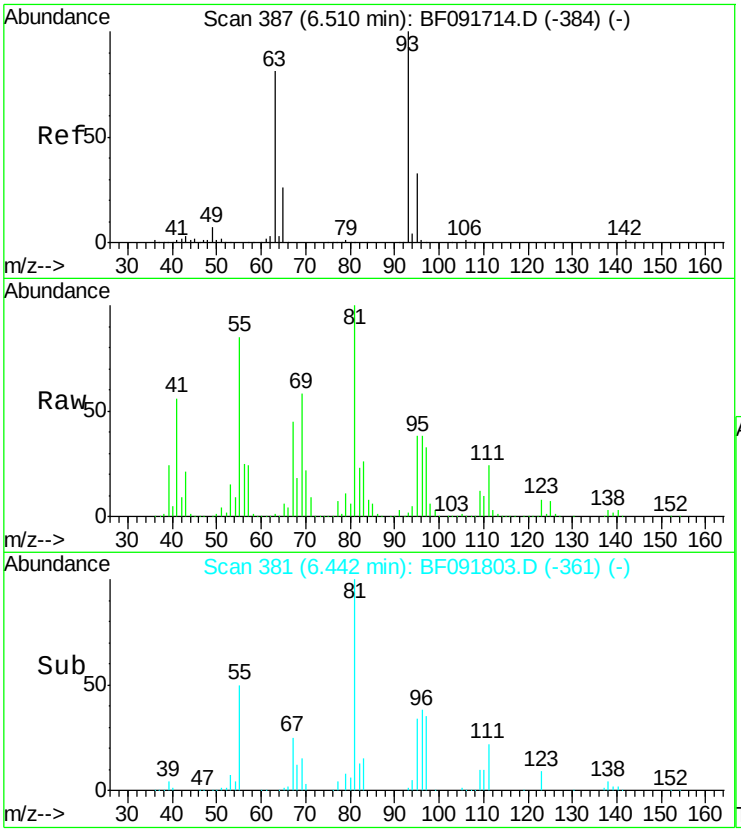


#10
Phenol
Concen: 8.35 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 94 Resp: 121633

Ion	Ratio	Lower	Upper
94	100		
65	82.2	21.4	61.4#
66	93.3	44.0	84.0#



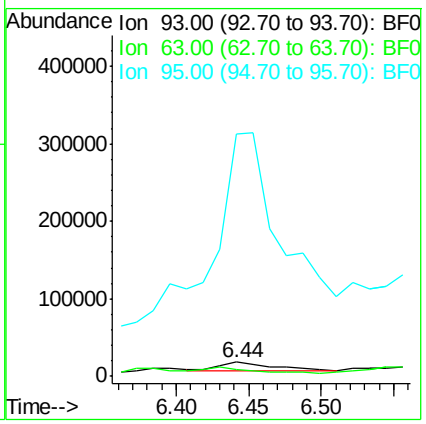


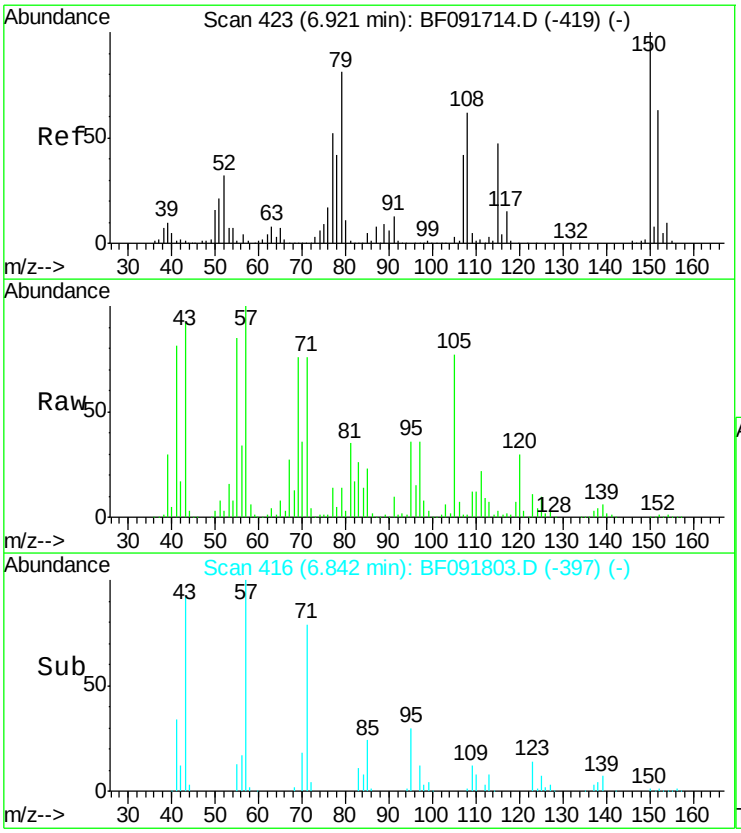
#11
bis(2-Chloroethyl)ether
Concen: 2.30 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.07 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion: 93 Resp: 26768

Ion	Ratio	Lower	Upper
93	100		
63	51.6	60.4	100.4#
95	1735.6	12.8	52.8#

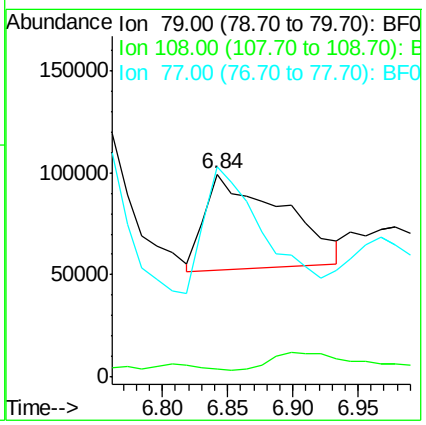


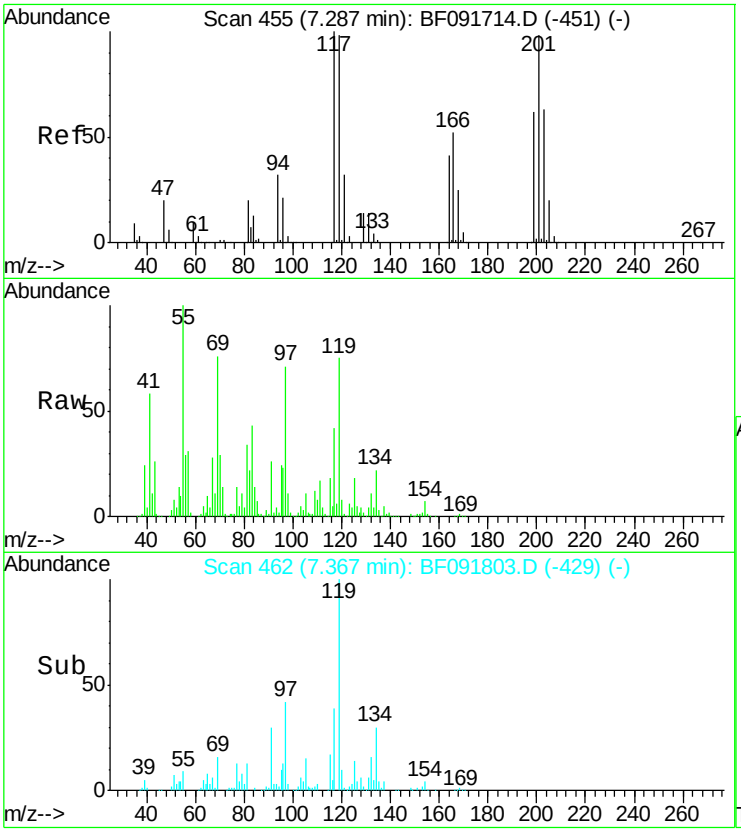


#15
Benzyl Alcohol
Concen: 19.28 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.08 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 79 Resp: 193017

Ion	Ratio	Lower	Upper
79	100		
108	3.9	61.4	92.0#
77	103.7	50.9	76.3#



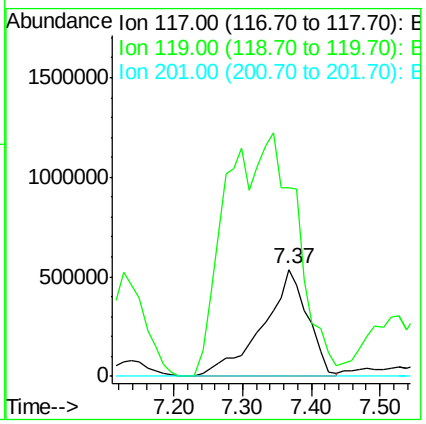


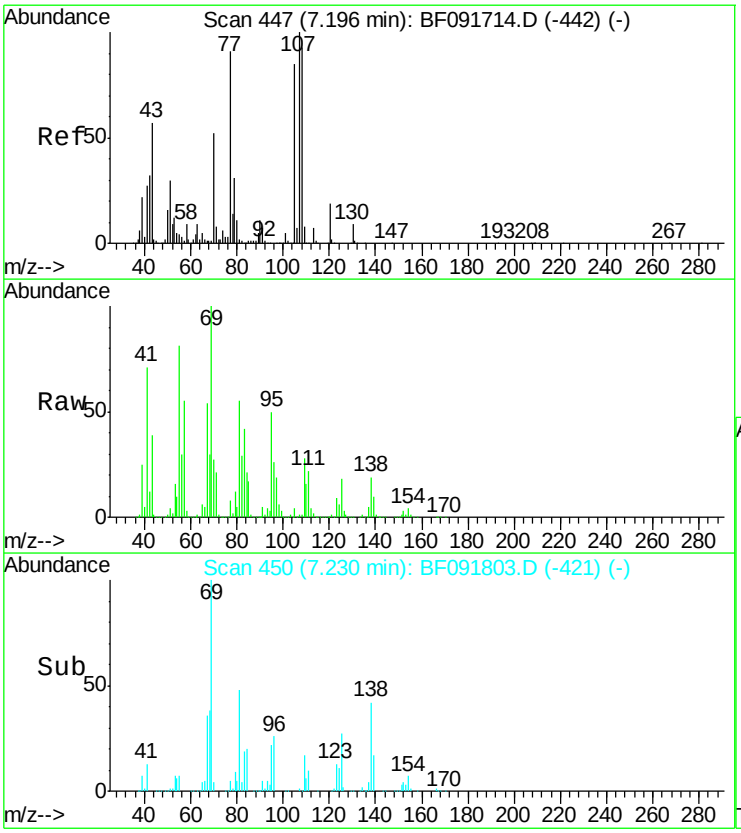
#18
Hexachloroethane
Concen: 499.53 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.08 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:117 Resp: 2406784

Ion	Ratio	Lower	Upper
117	100		
119	175.9	78.1	117.1#
201	0.0	78.6	117.8#

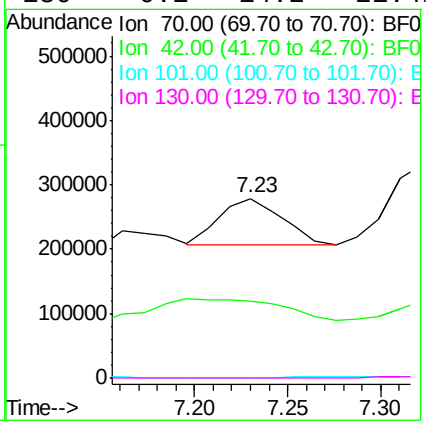


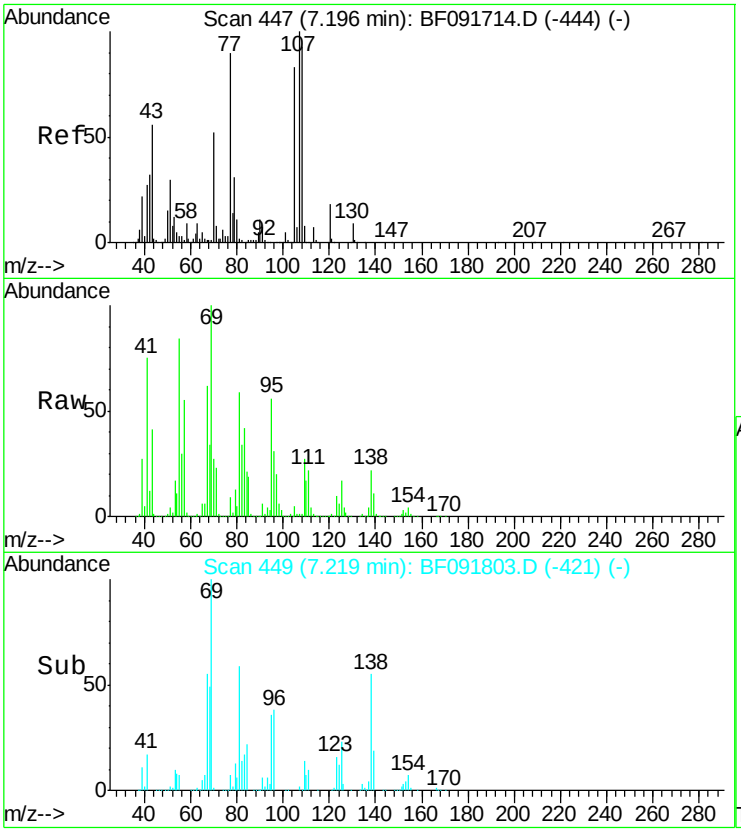


#19
n-Nitroso-di-n-propylamine
Concen: 19.33 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.03 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 70 Resp: 166274

Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.4	74.0#
101	0.2	7.4	11.2#
130	0.1	14.2	21.4#



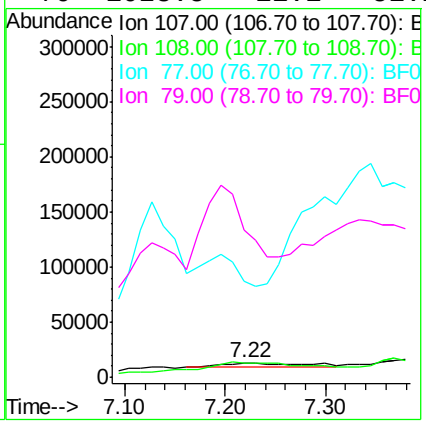


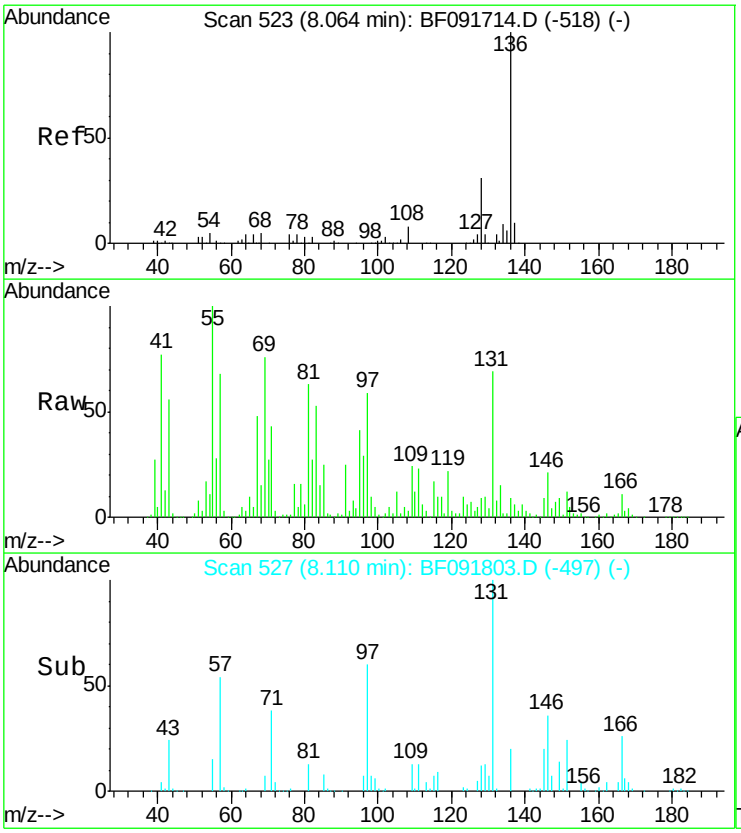
#20
3+4-Methylphenols
Concen: 2.06 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:107 Resp: 22396

Ion	Ratio	Lower	Upper
107	100		
108	96.1	73.0	113.0
77	668.7	71.3	111.3#
79	1028.5	11.1	51.1#

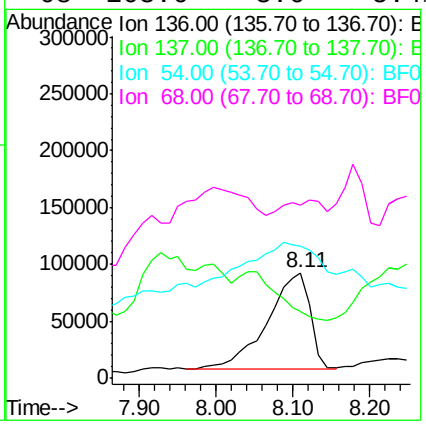


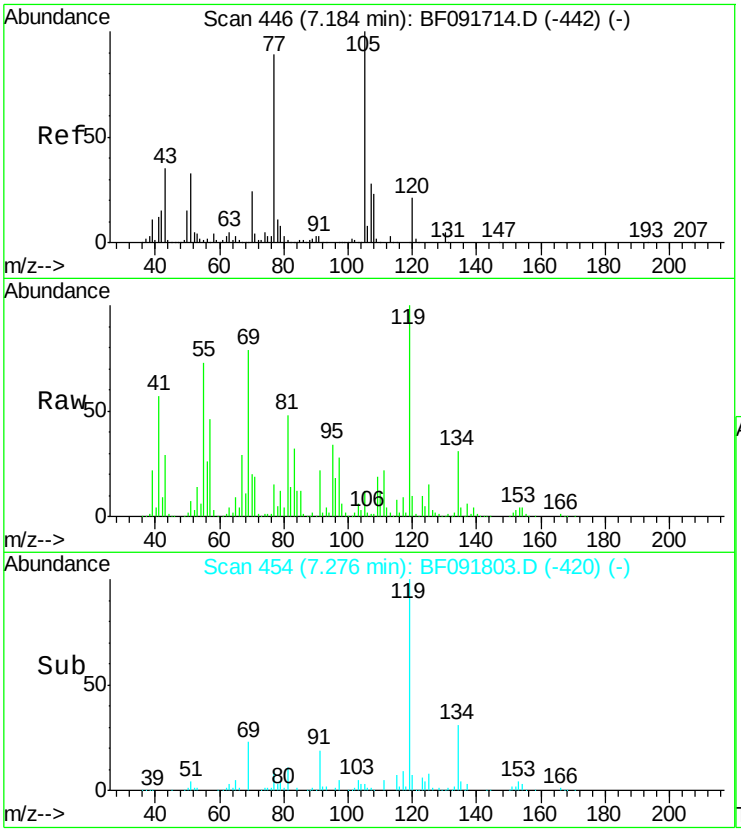


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:136 Resp: 328119

Ion	Ratio	Lower	Upper
136	100		
137	63.5	8.4	12.6#
54	125.2	4.5	6.7#
68	163.6	3.6	5.4#



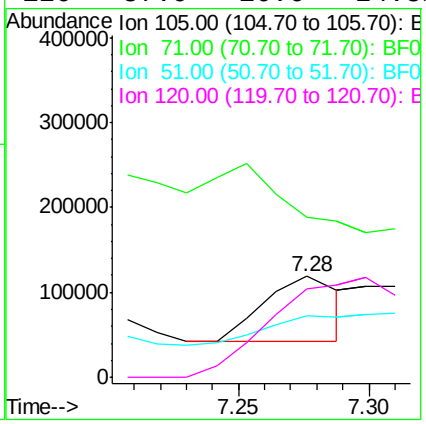


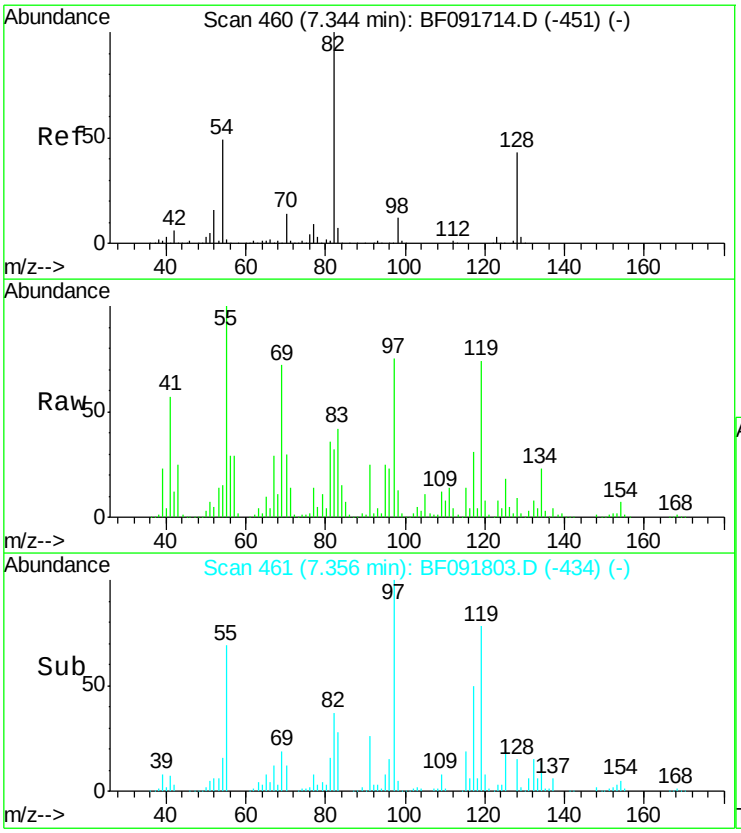
#22
Acetophenone
Concen: 19.26 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.09 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:105 Resp: 152565

Ion	Ratio	Lower	Upper
105	100		
71	159.3	3.2	4.8#
51	60.6	26.2	39.4#
120	87.9	16.6	24.8#

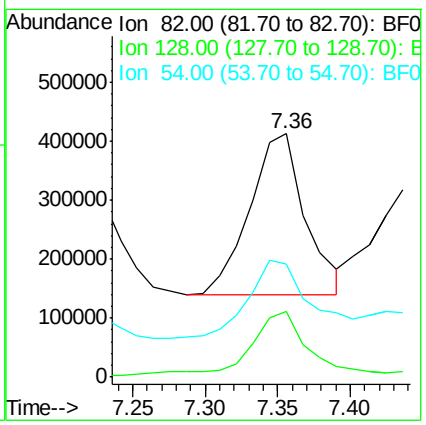


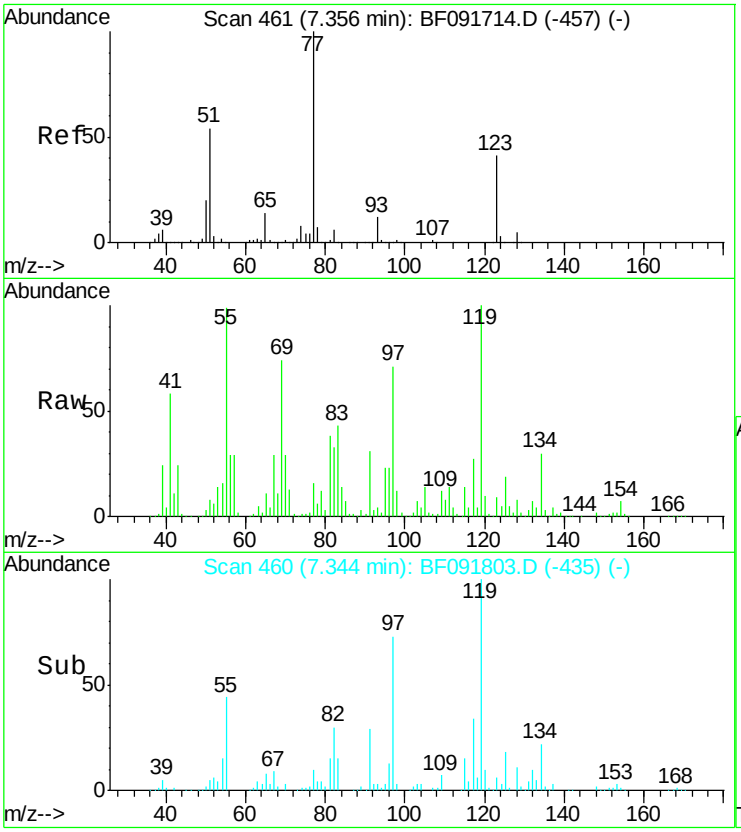


#23
Nitrobenzene-d5
Concen: 128.53 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 82 Resp: 731291

Ion	Ratio	Lower	Upper
82	100		
128	27.2	34.6	52.0#
54	46.5	39.5	59.3



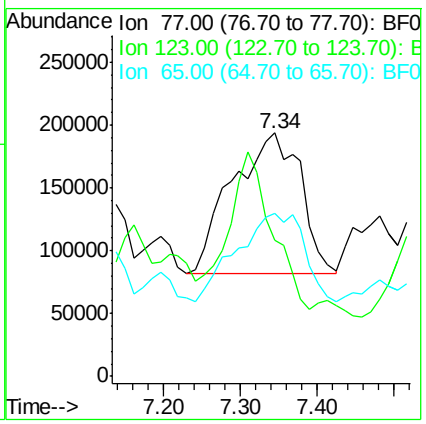


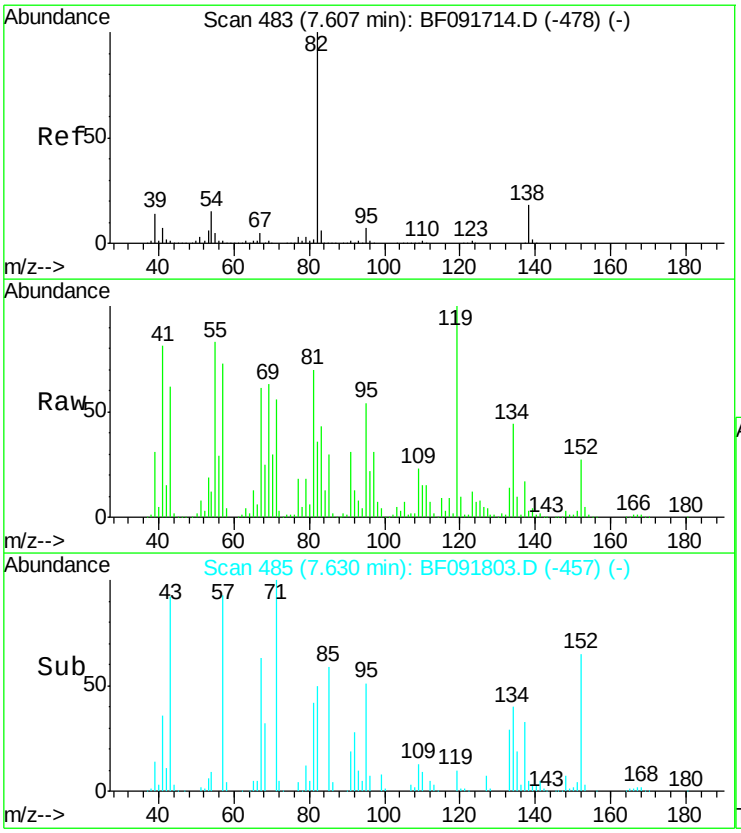
#24
Nitrobenzene
Concen: 113.93 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion: 77 Resp: 696128

Ion	Ratio	Lower	Upper
77	100		
123	55.7	33.0	49.4#
65	67.1	11.2	16.8#

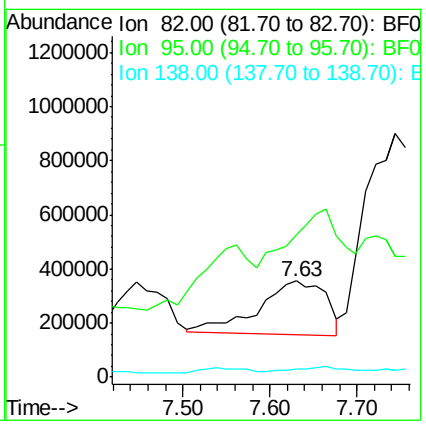


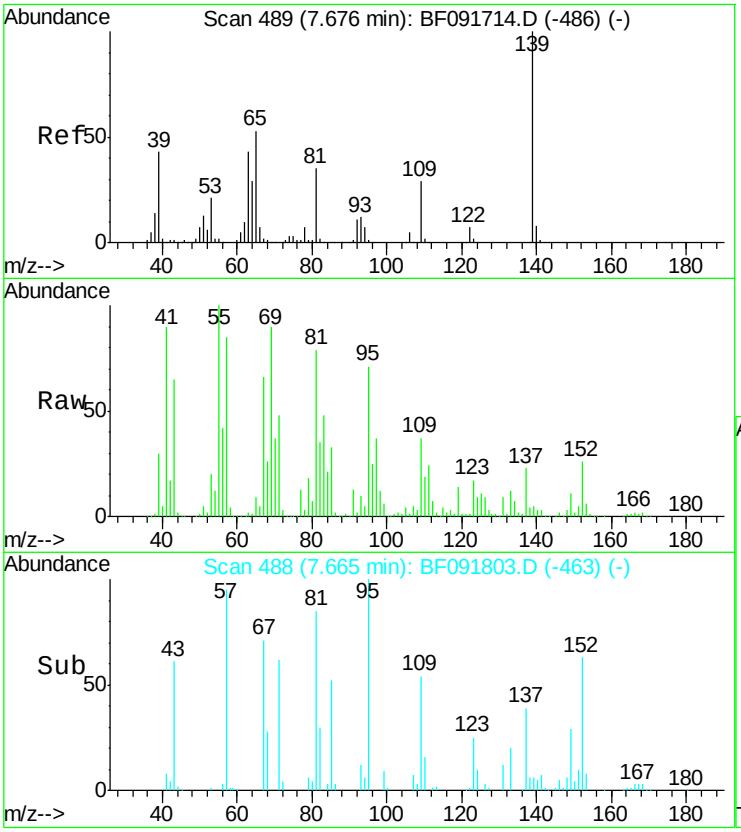


#25
Isophorone
Concen: 96.58 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 82 Resp: 1048473

Ion	Ratio	Lower	Upper
82	100		
95	148.8	5.6	8.4#
138	7.9	14.6	22.0#



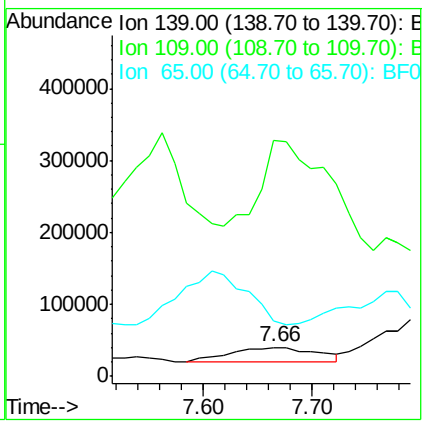


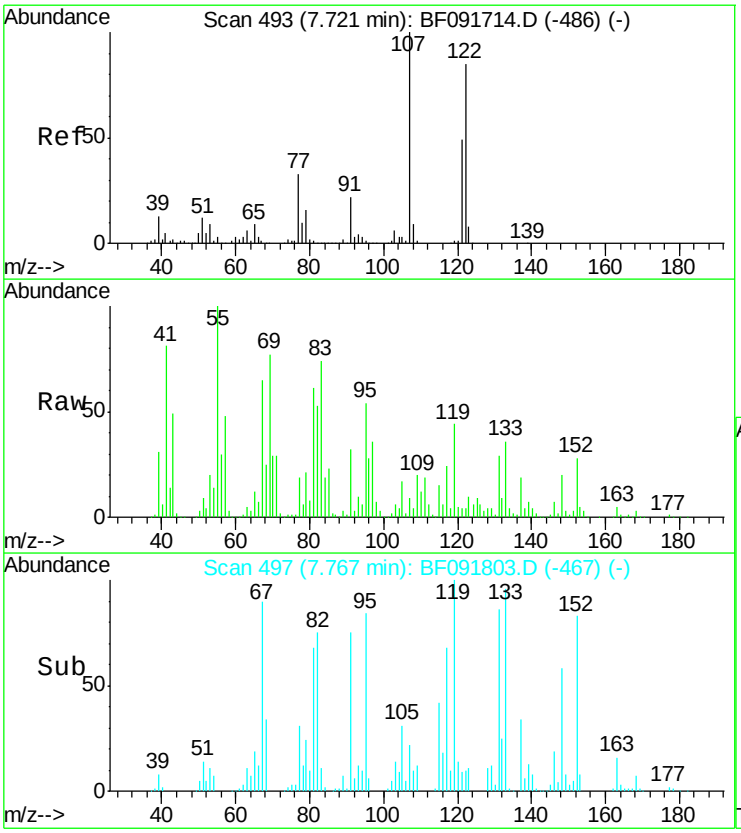
#26
2-Nitrophenol
Concen: 37.01 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:139 Resp: 109084

Ion	Ratio	Lower	Upper
139	100		
109	820.3	23.3	34.9#
65	191.6	42.7	64.1#

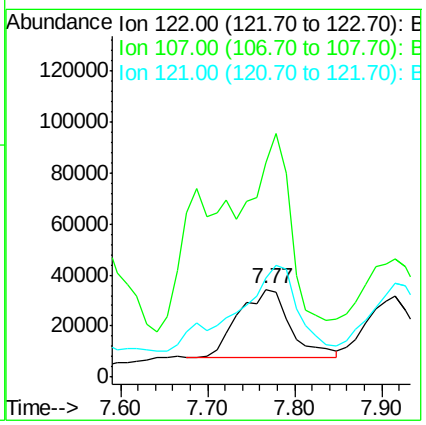


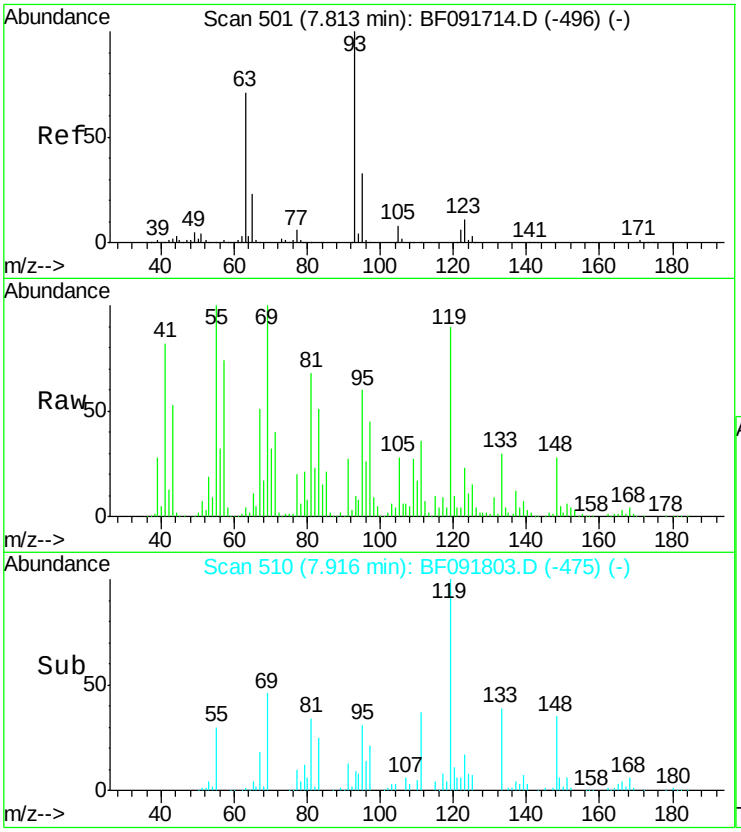


#27
2,4-Dimethylphenol
Concen: 23.22 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:122 Resp: 111648

Ion	Ratio	Lower	Upper
122	100		
107	244.6	94.1	141.1#
121	112.6	46.0	69.0#



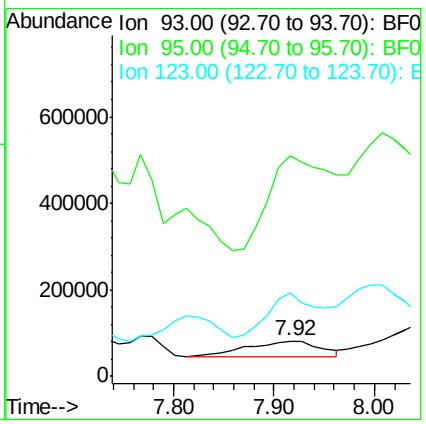


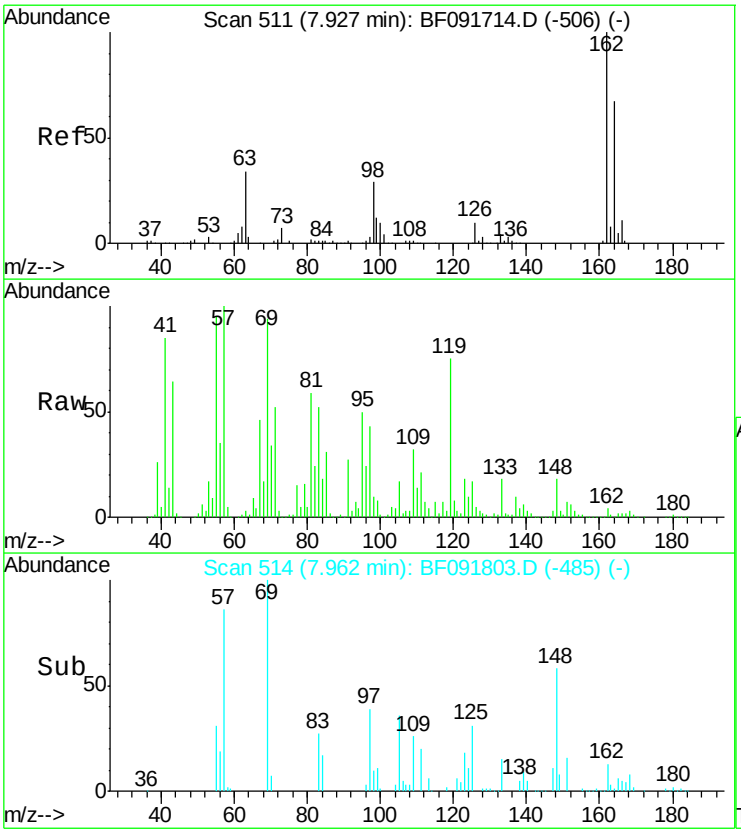
#28
bis(2-Chloroethoxy)methane
Concen: 29.17 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.10 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion: 93 Resp: 185261

Ion	Ratio	Lower	Upper
93	100		
95	631.1	26.5	39.7#
123	238.0	8.6	13.0#

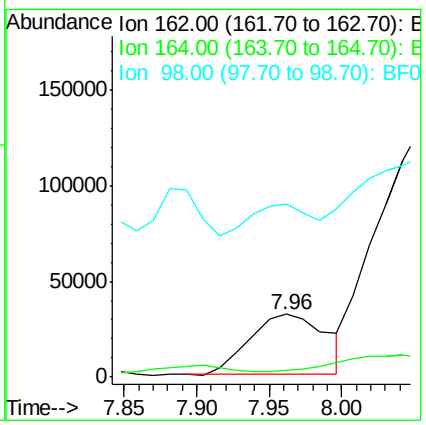


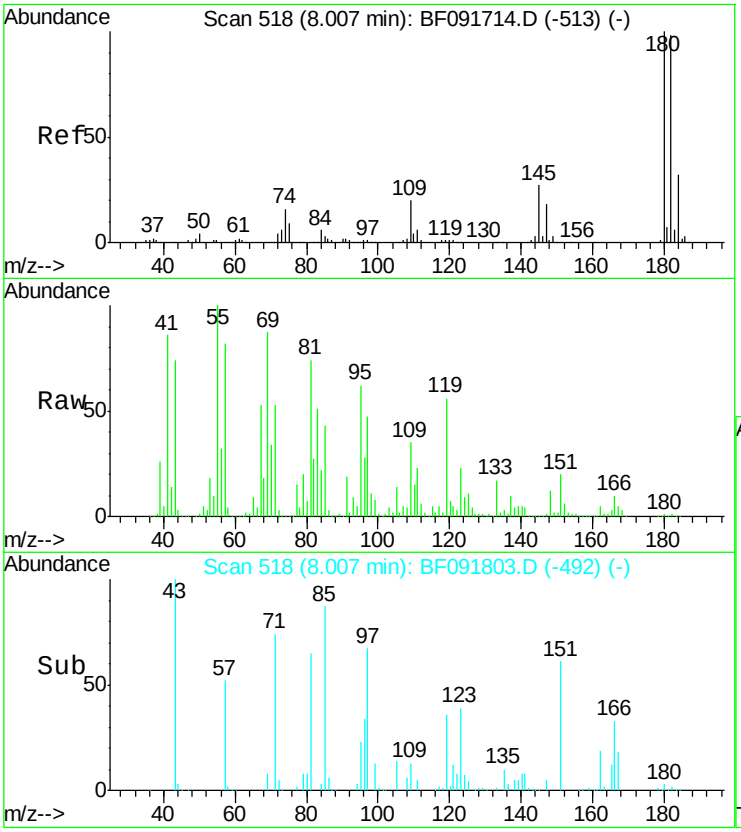


#29
2,4-Dichlorophenol
Concen: 25.74 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.03 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:162 Resp: 114143

Ion	Ratio	Lower	Upper
162	100		
164	10.7	46.8	86.8#
98	274.5	9.1	49.1#



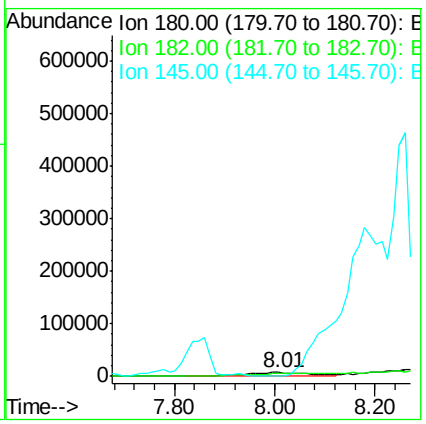


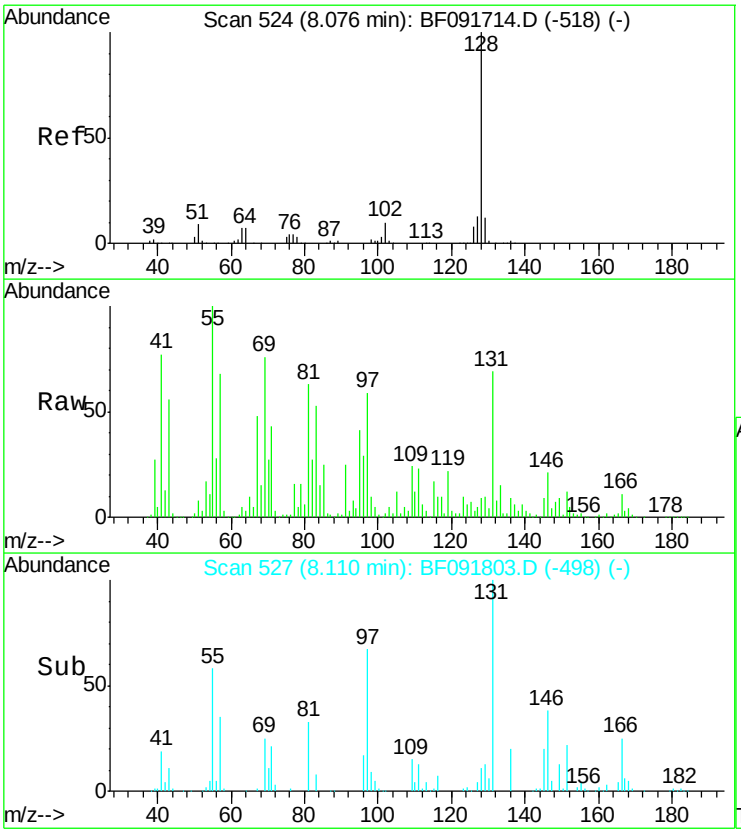
#30
1,2,4-Trichlorobenzene
Concen: 12.33 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:180 Resp: 59281

Ion	Ratio	Lower	Upper
180	100		
182	77.1	78.2	117.4#
145	26.5	21.6	32.4

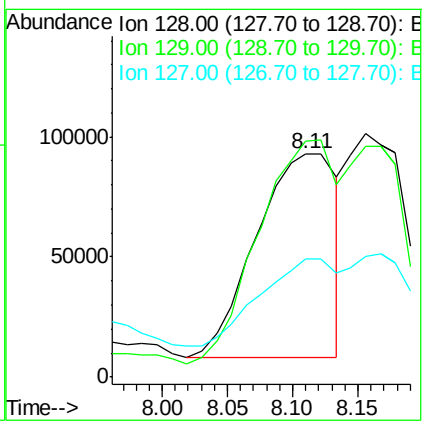


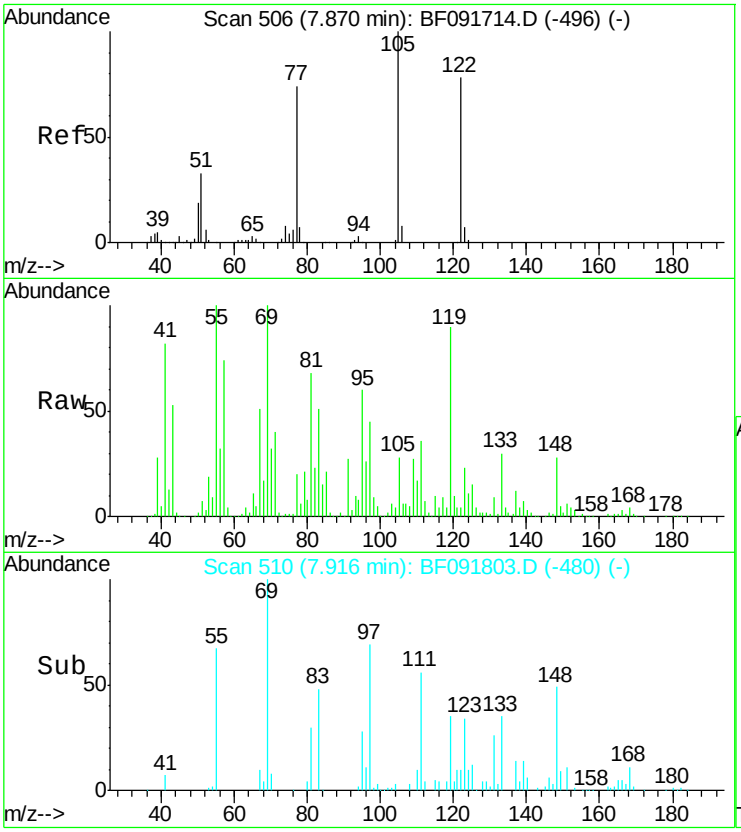


#31
Naphthalene
Concen: 23.10 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.03 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:128 Resp: 362124

Ion	Ratio	Lower	Upper
128	100		
129	105.9	9.5	14.3#
127	53.0	10.8	16.2#



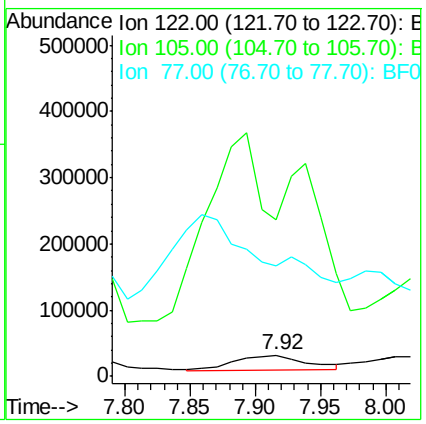


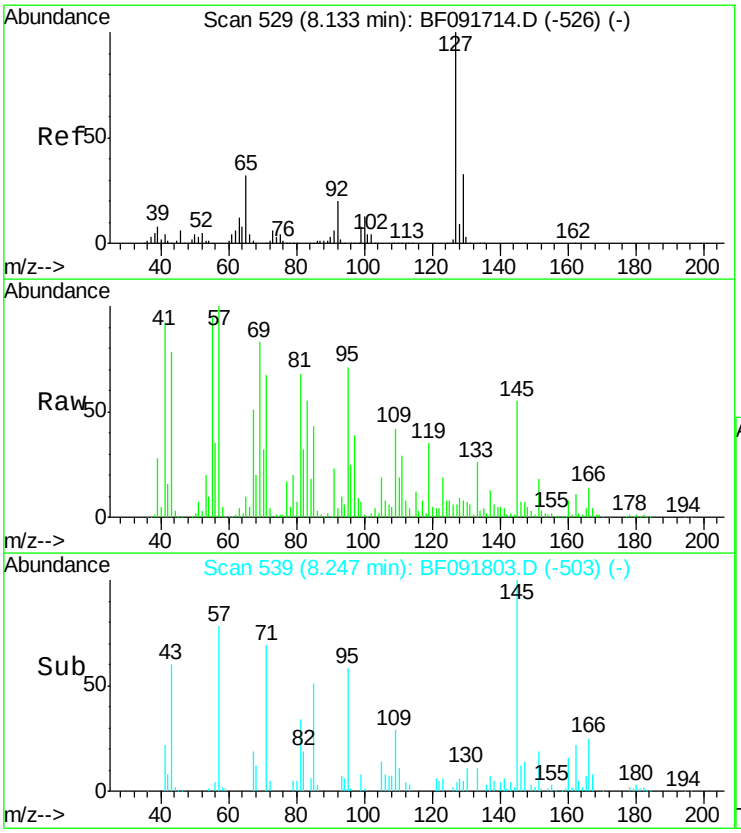
#32
Benzoic acid
Concen: 24.85 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:122 Resp: 85170

Ion	Ratio	Lower	Upper
122	100		
105	741.2	107.2	147.2#
77	525.1	74.5	114.5#

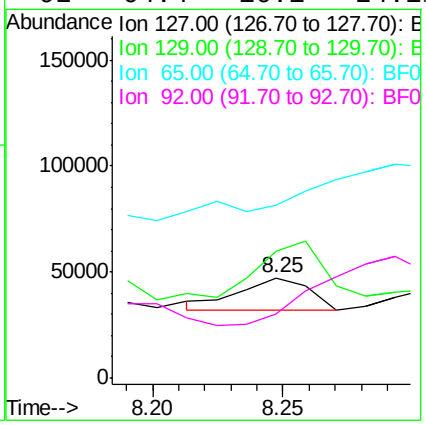


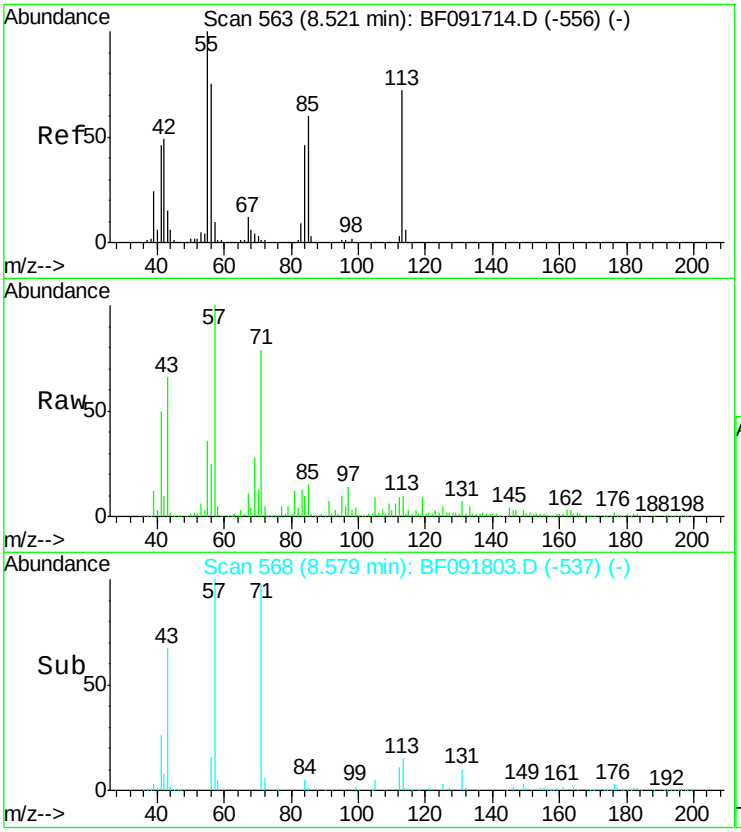


#33
4-Chloroaniline
Concen: 4.19 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.11 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:127 Resp: 27684

Ion	Ratio	Lower	Upper
127	100		
129	127.4	26.3	39.5#
65	172.6	25.8	38.8#
92	64.4	16.1	24.1#



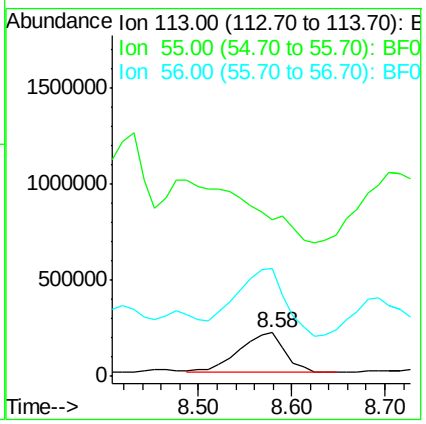


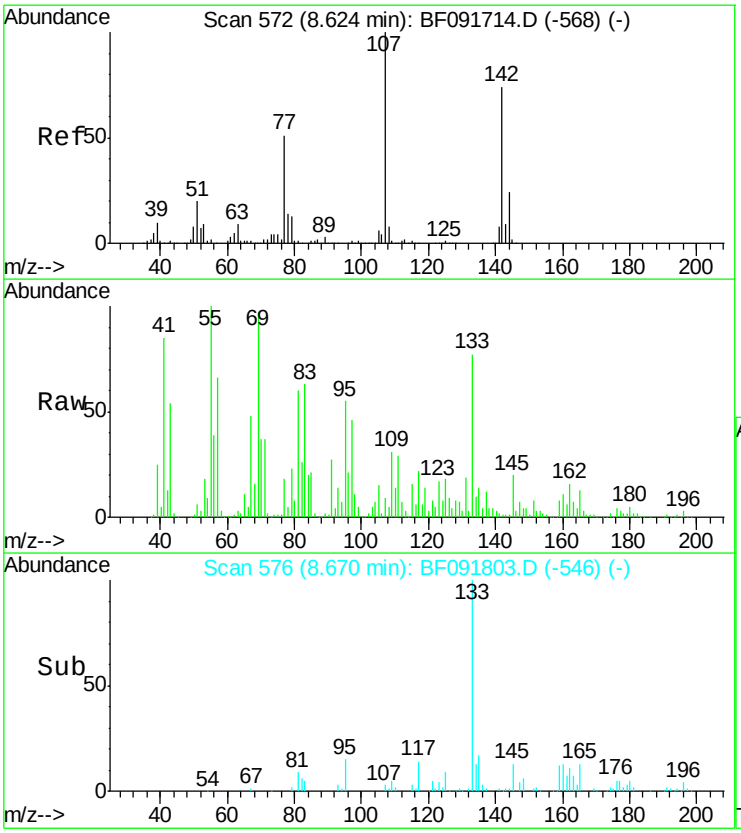
#35
Caprolactam
Concen: 504.96 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.06 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:113 Resp: 720547

Ion	Ratio	Lower	Upper
113	100		
55	360.0	119.2	159.2#
56	248.9	83.8	123.8#

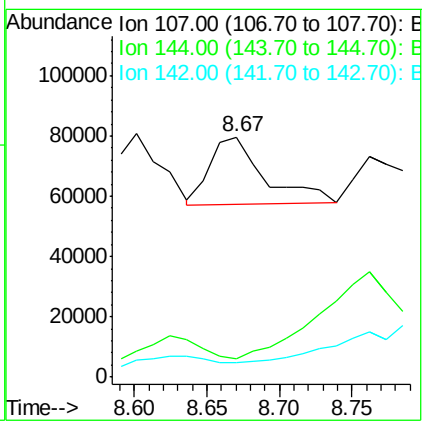


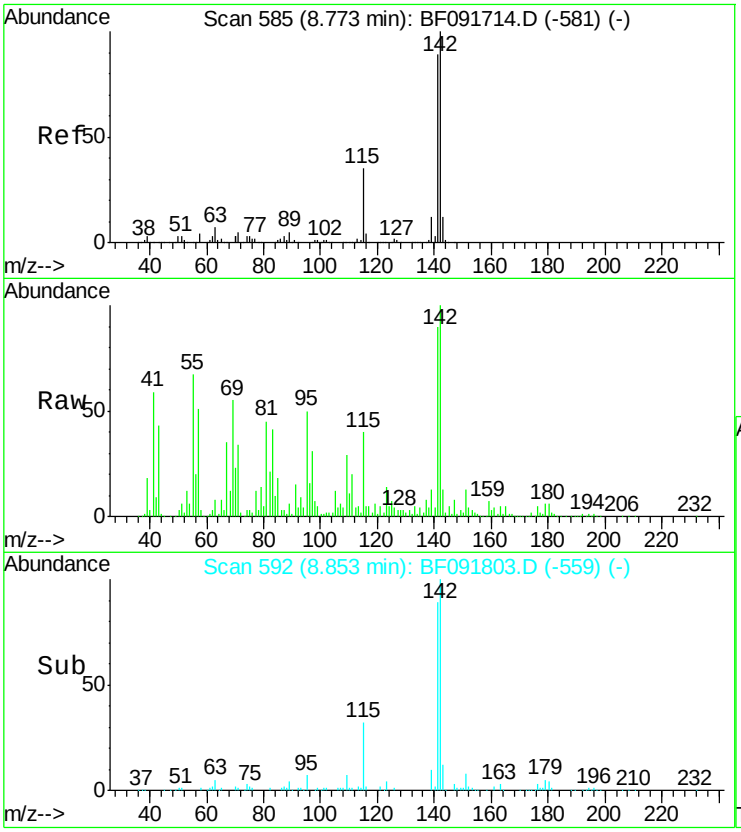


#36
4-Chloro-3-methylphenol
Concen: 11.73 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:107 Resp: 57386

Ion	Ratio	Lower	Upper
107	100		
144	7.9	19.3	28.9#
142	5.9	59.0	88.6#



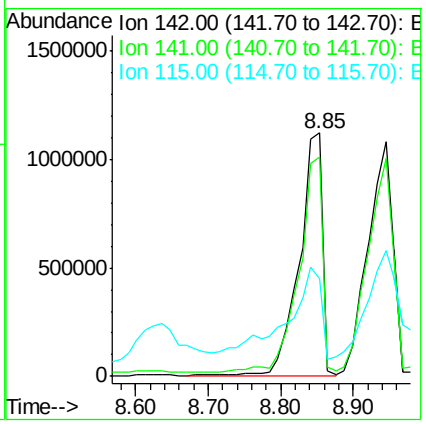


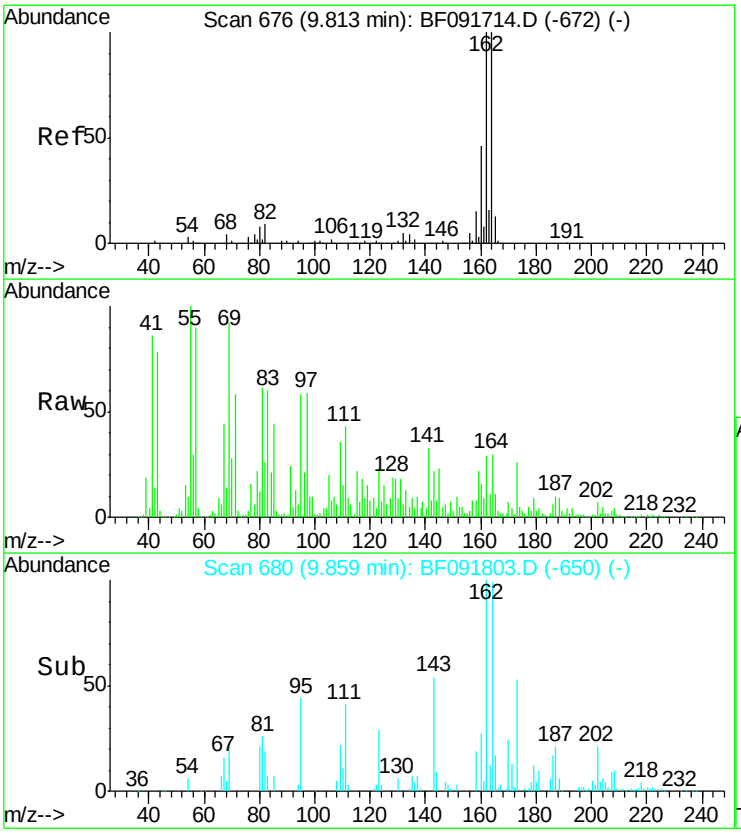
#37
2-Methylnaphthalene
Concen: 247.65 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.08 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:142 Resp: 2447386

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	40.3	28.3	42.5

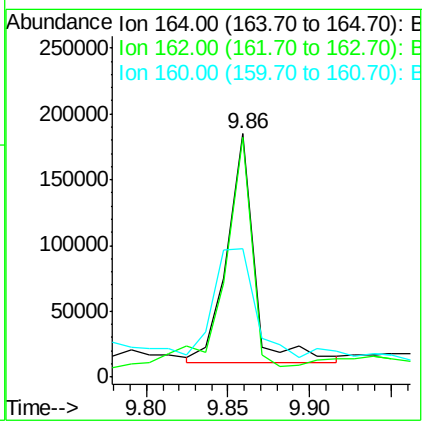


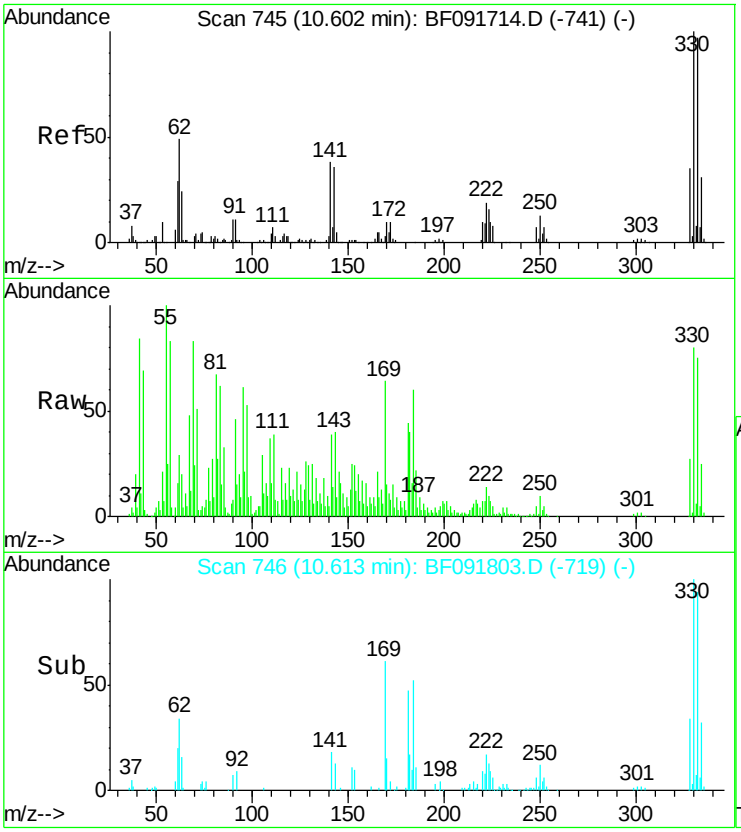


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:164 Resp: 199650

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	52.9	36.9	55.3



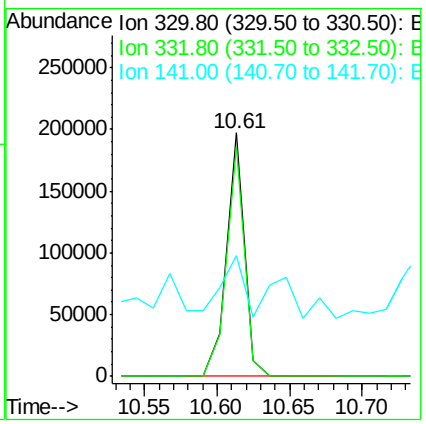


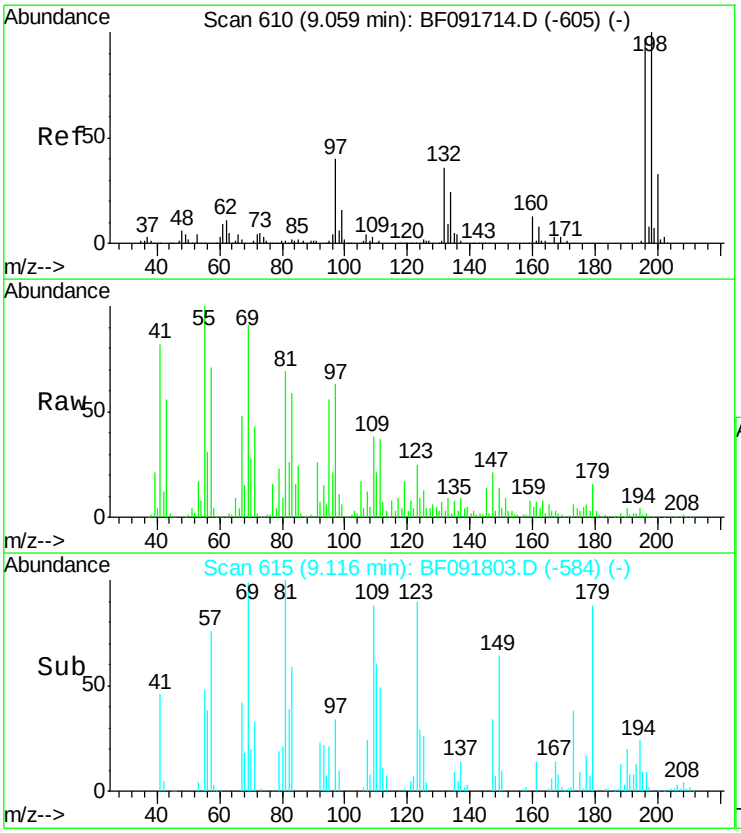
#41
2,4,6-Tribromophenol
Concen: 100.15 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:330 Resp: 169552

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.4	116.2
141	29.9	34.1	51.1#

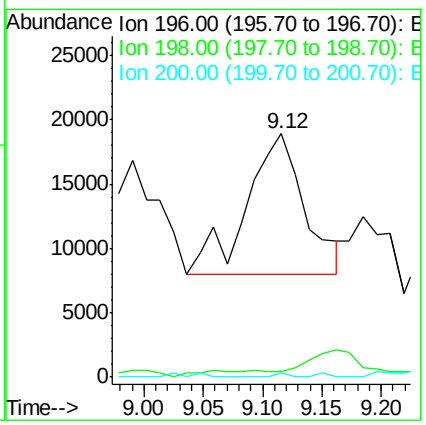


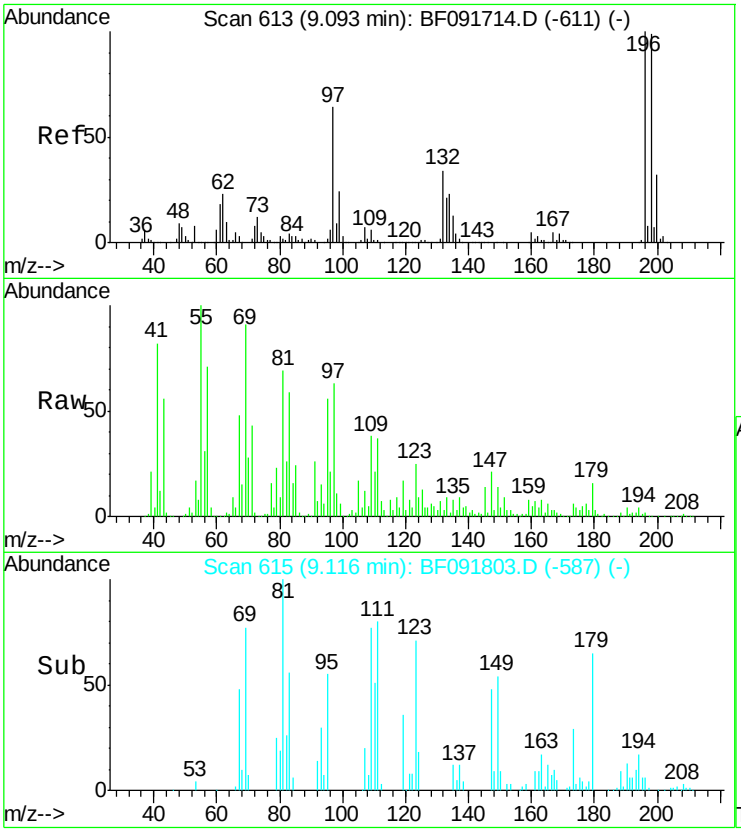


#42
2,4,6-Trichlorophenol
Concen: 10.39 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.06 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:196 Resp: 36943

Ion	Ratio	Lower	Upper
196	100		
198	2.3	82.1	123.1#
200	1.8	27.0	40.4#



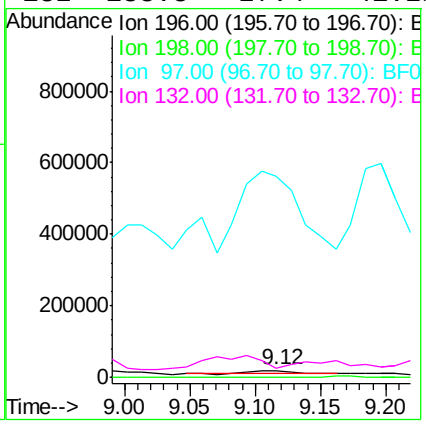


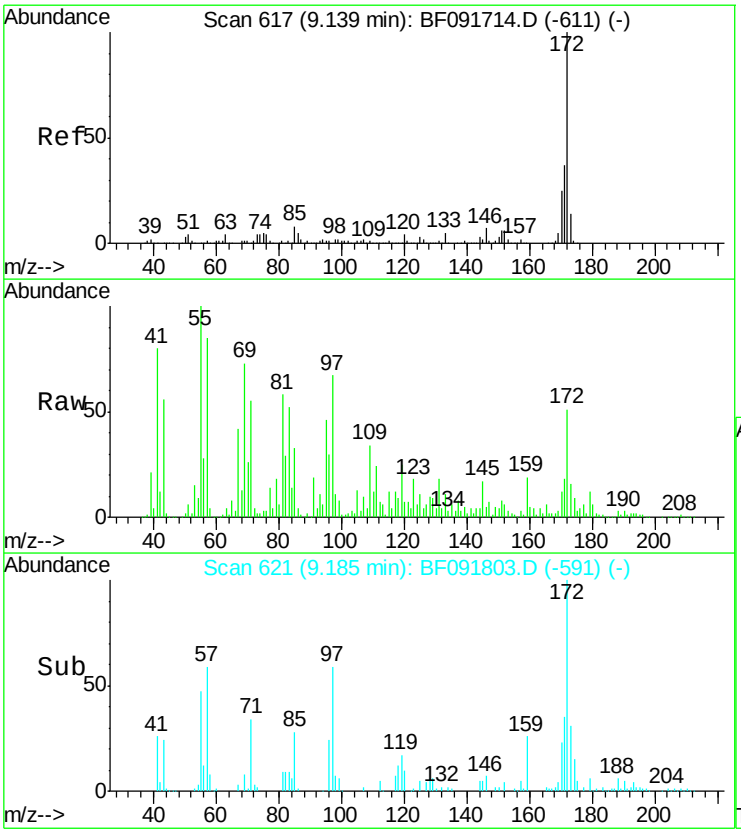
#43
2,4,5-Trichlorophenol
Concen: 7.03 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:196 Resp: 24555

Ion	Ratio	Lower	Upper
196	100		
198	2.3	79.4	119.2#
97	2972.3	51.5	77.3#
132	133.3	27.4	41.2#

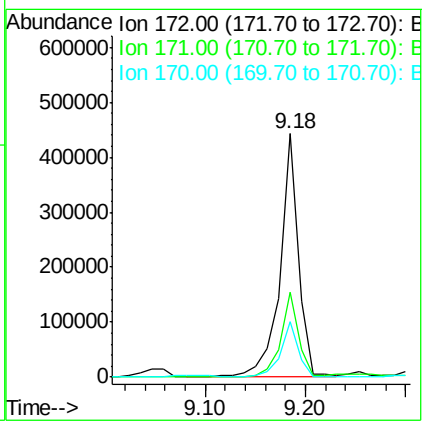


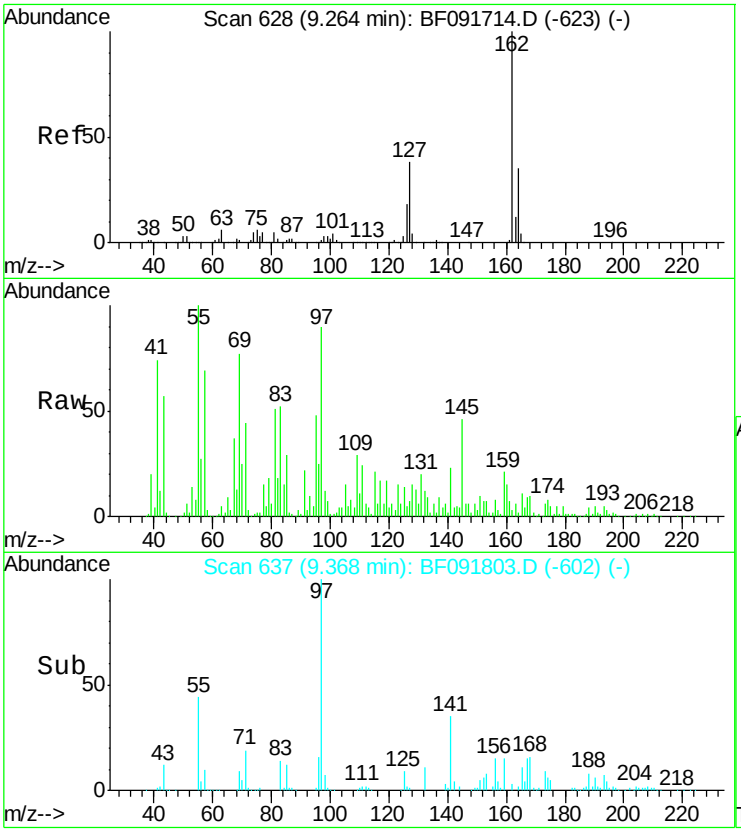


#44
2-Fluorobiphenyl
Concen: 56.34 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:172 Resp: 559915

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	22.9	20.2	30.4



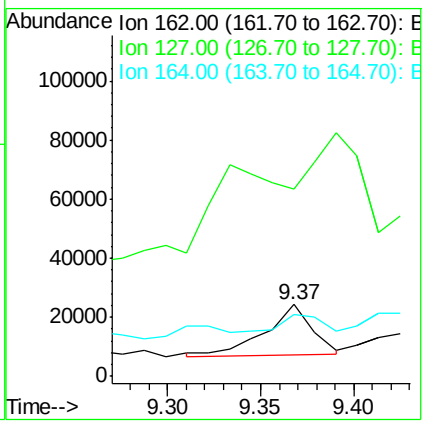


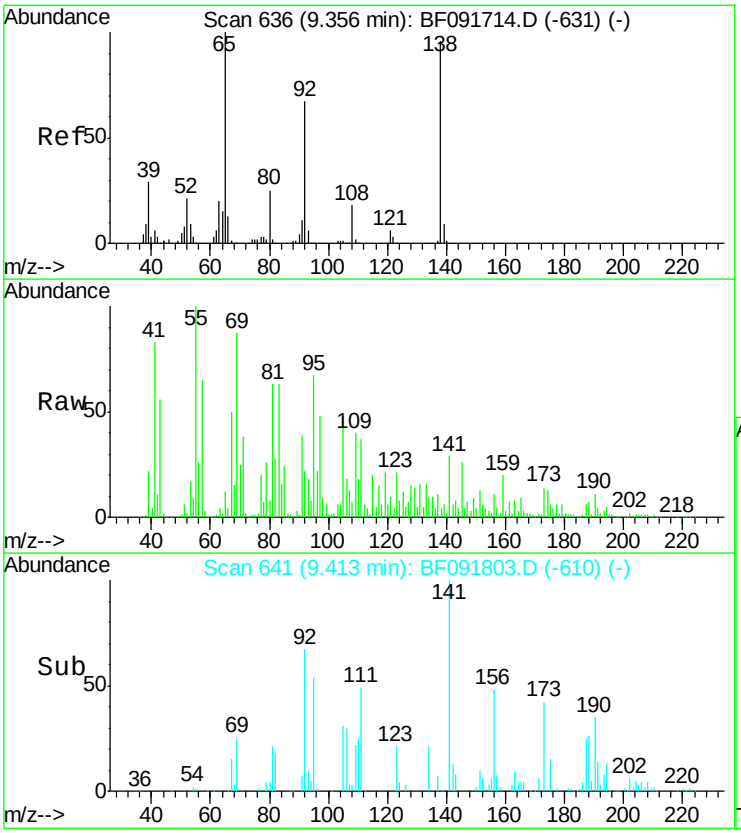
#46
2-Chloronaphthalene
Concen: 2.91 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.10 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:162 Resp: 31103

Ion	Ratio	Lower	Upper
162	100		
127	261.6	30.7	46.1#
164	86.0	27.6	41.4#

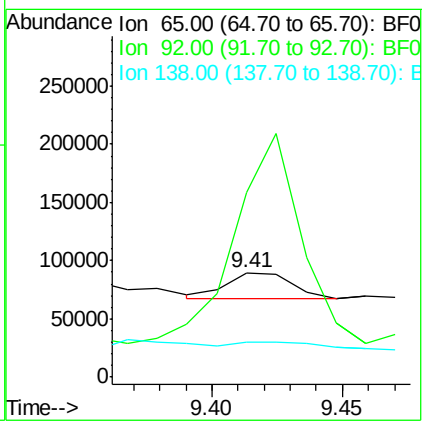


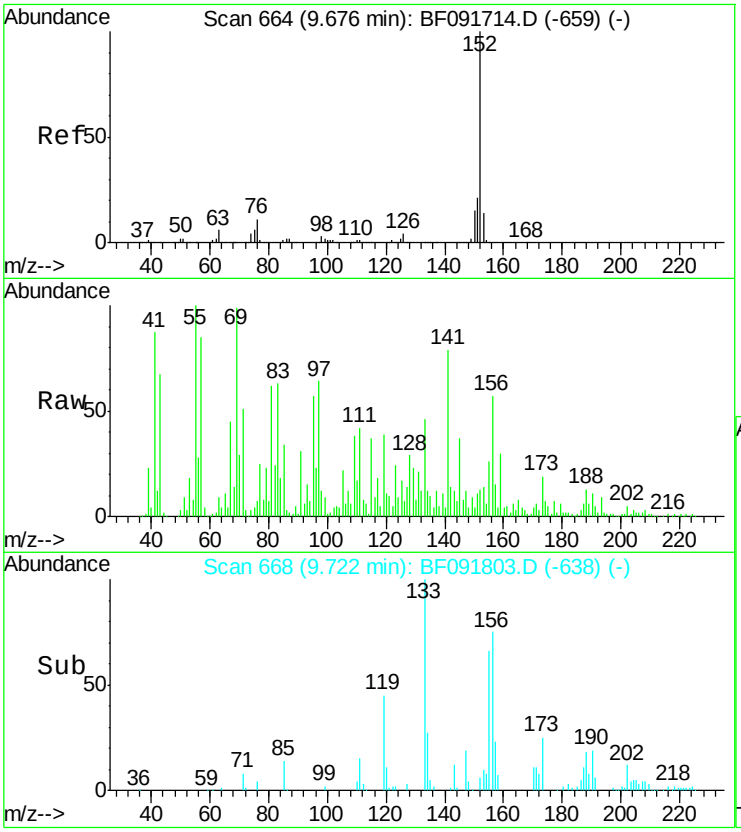


#47
2-Nitroaniline
Concen: 9.99 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.06 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 65 Resp: 36485

Ion	Ratio	Lower	Upper
65	100		
92	177.7	53.9	80.9#
138	33.5	76.8	115.2#



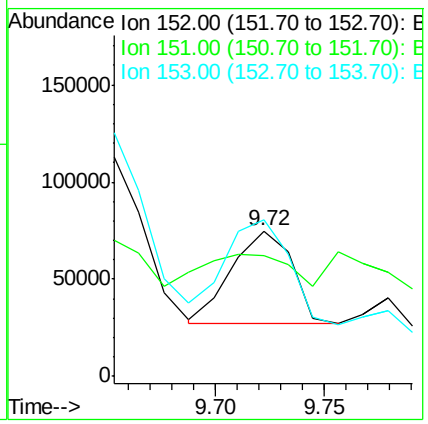


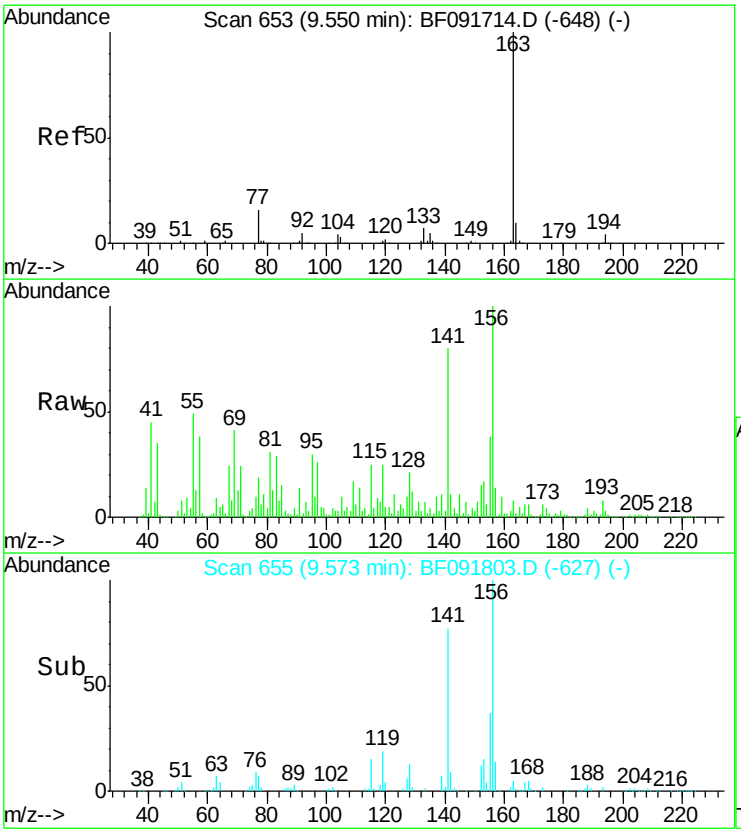
#48
Acenaphthylene
Concen: 5.51 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:152 Resp: 91243

Ion	Ratio	Lower	Upper
152	100		
151	83.4	16.9	25.3#
153	107.9	11.4	17.2#

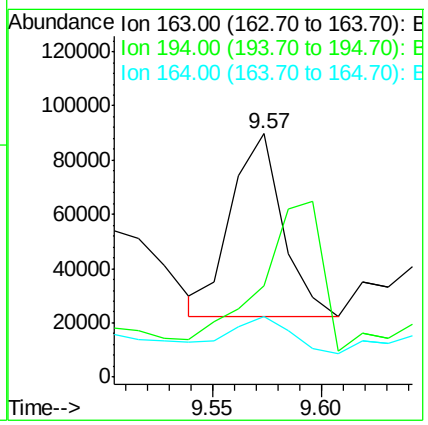


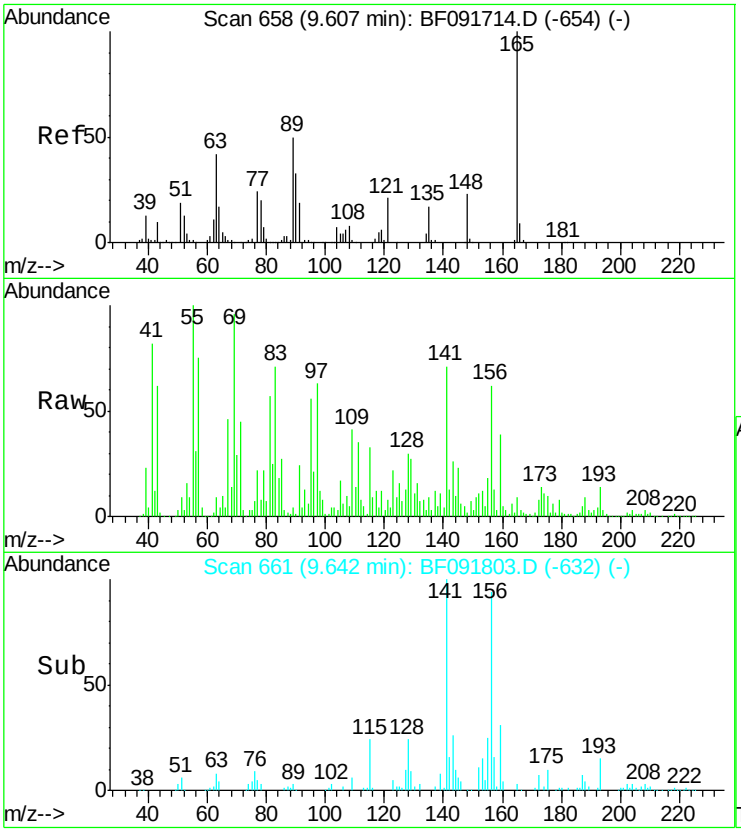


#49
Dimethylphthalate
Concen: 8.49 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:163 Resp: 110678

Ion	Ratio	Lower	Upper
163	100		
194	37.5	3.0	4.4#
164	25.1	8.0	12.0#



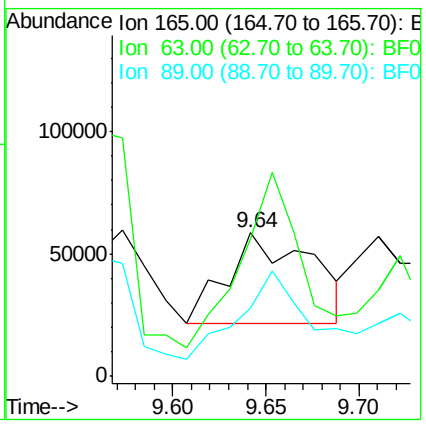


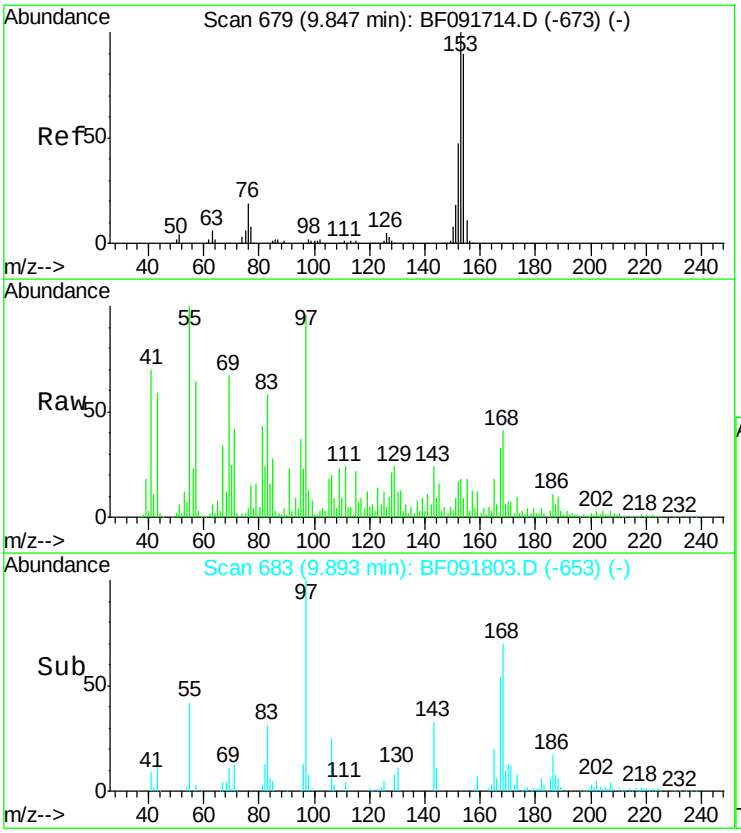
#50
2,6-Dinitrotoluene
Concen: 40.72 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.03 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:165 Resp: 116442

Ion	Ratio	Lower	Upper
165	100		
63	96.0	36.2	54.4#
89	47.4	40.2	60.4

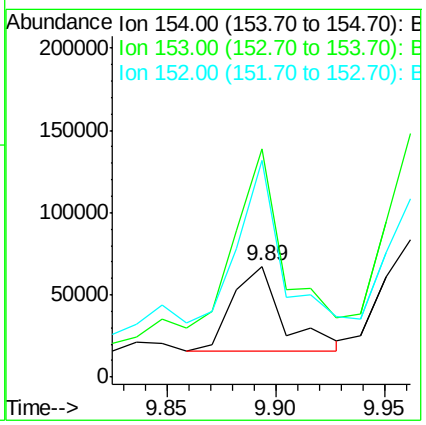


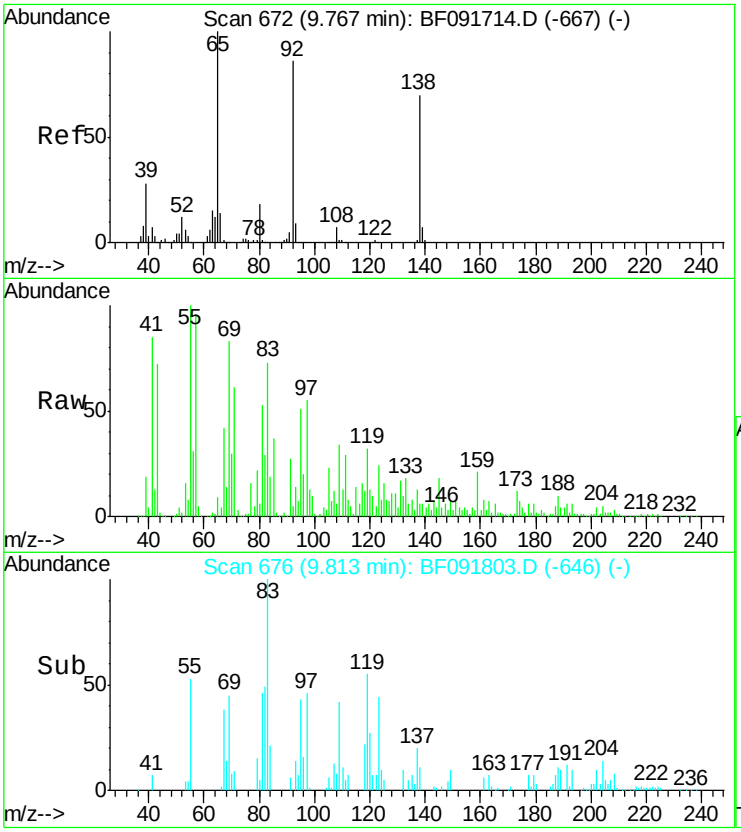


#51
Acenaphthene
Concen: 7.46 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:154 Resp: 84827

Ion	Ratio	Lower	Upper
154	100		
153	206.3	88.6	133.0#
152	196.0	41.6	62.4#



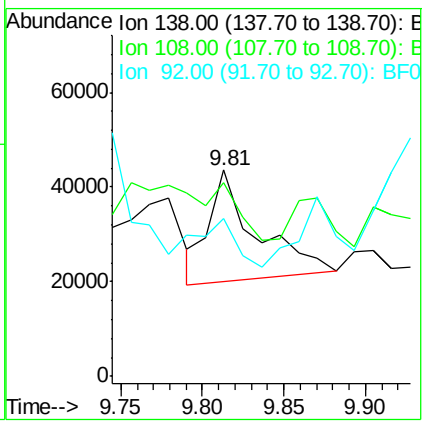


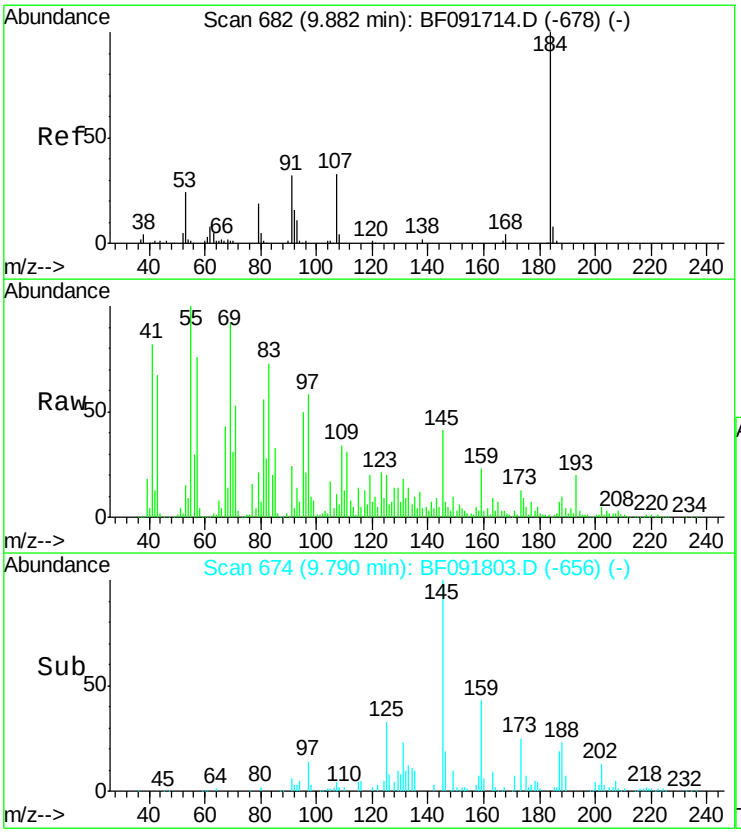
#52
3-Nitroaniline
Concen: 13.27 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:138 Resp: 47243

Ion	Ratio	Lower	Upper
138	100		
108	94.1	8.5	12.7#
92	76.6	97.8	146.8#

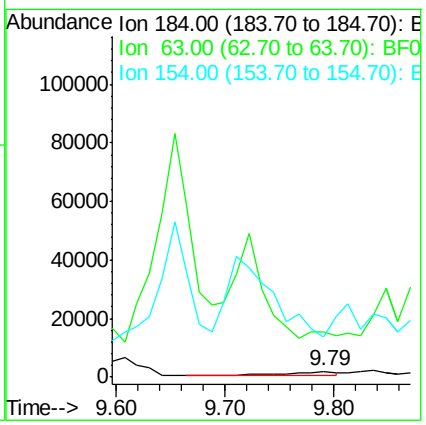


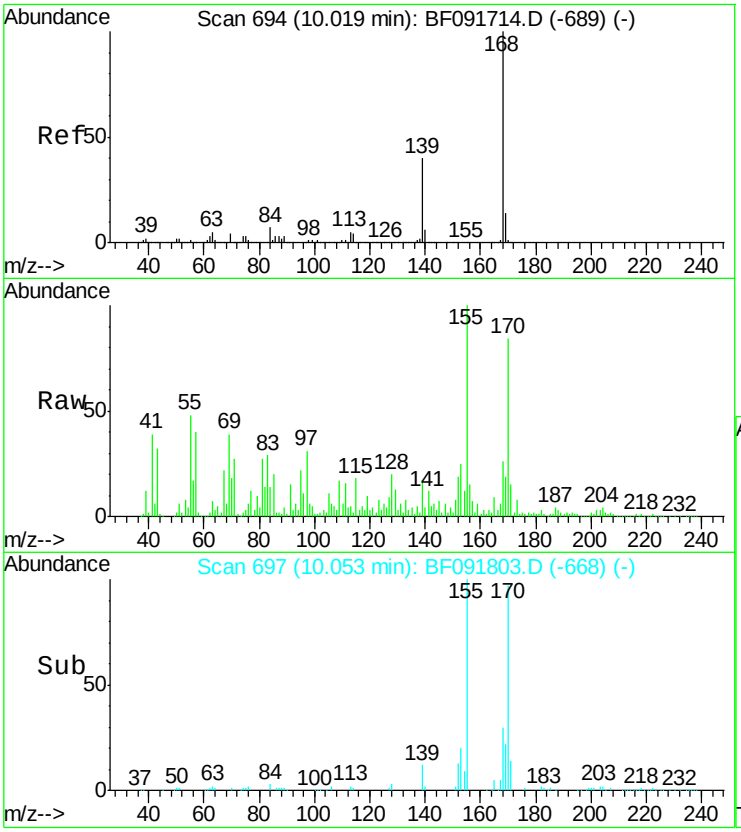


#53
2,4-Dinitrophenol
Concen: 2.86 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.09 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:184 Resp: 4416

Ion	Ratio	Lower	Upper
184	100		
63	755.8	28.4	42.6#
154	661.0	44.3	66.5#



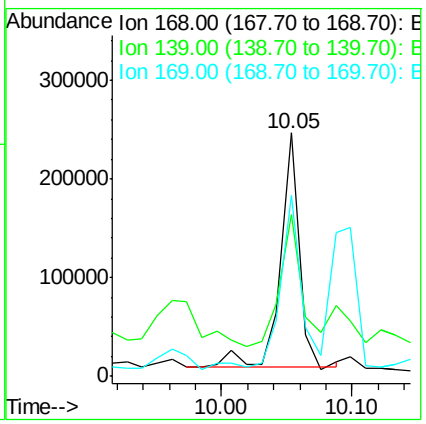


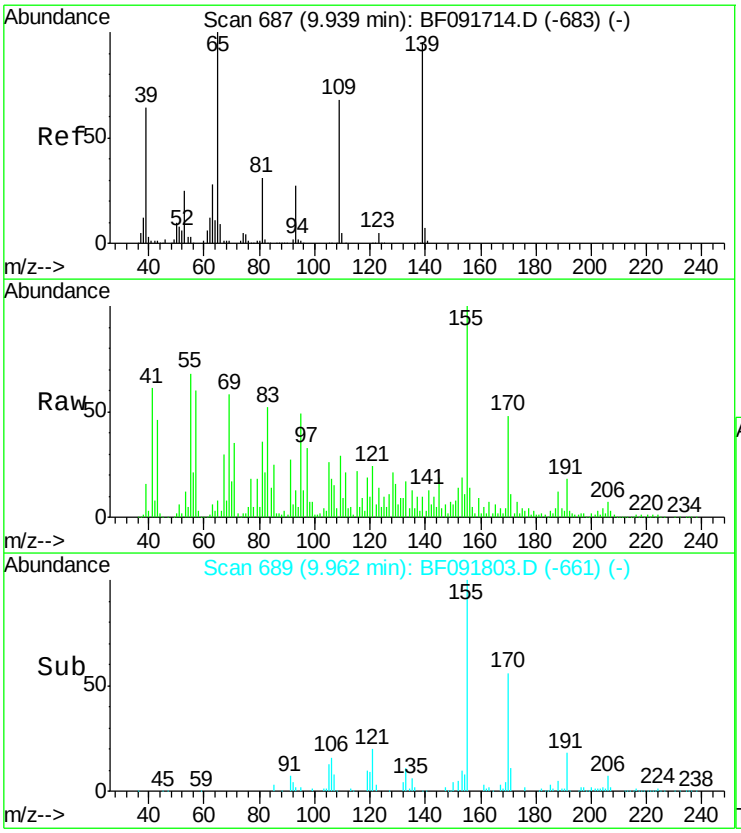
#54
Dibenzofuran
Concen: 17.77 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.04 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:168 Resp: 240330

Ion	Ratio	Lower	Upper
168	100		
139	66.3	32.6	49.0#
169	74.2	11.3	16.9#

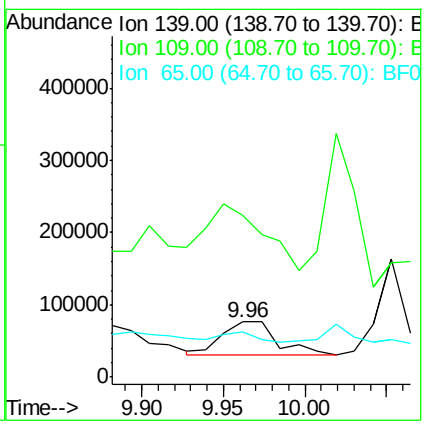


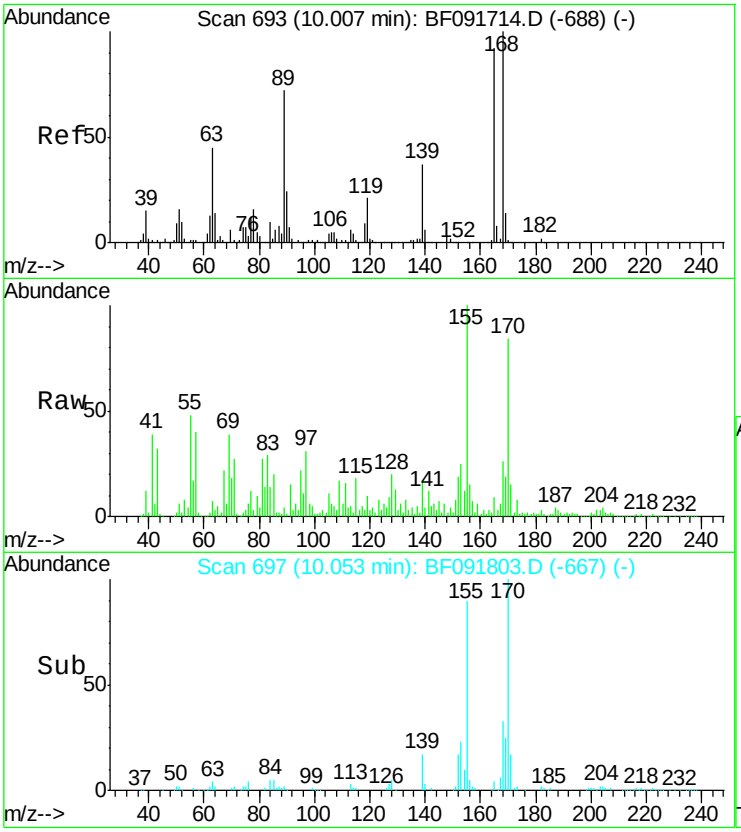


#55
4-Nitrophenol
Concen: 44.86 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:139 Resp: 110910

Ion	Ratio	Lower	Upper
139	100		
109	294.2	52.2	92.2#
65	82.9	85.8	125.8#



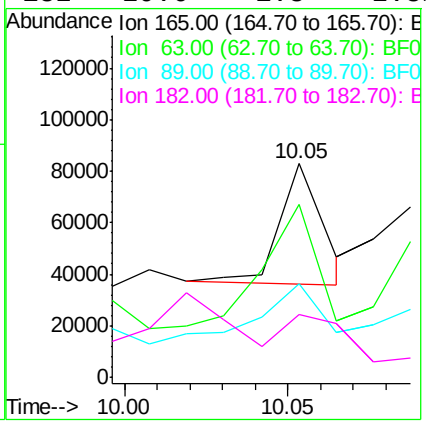


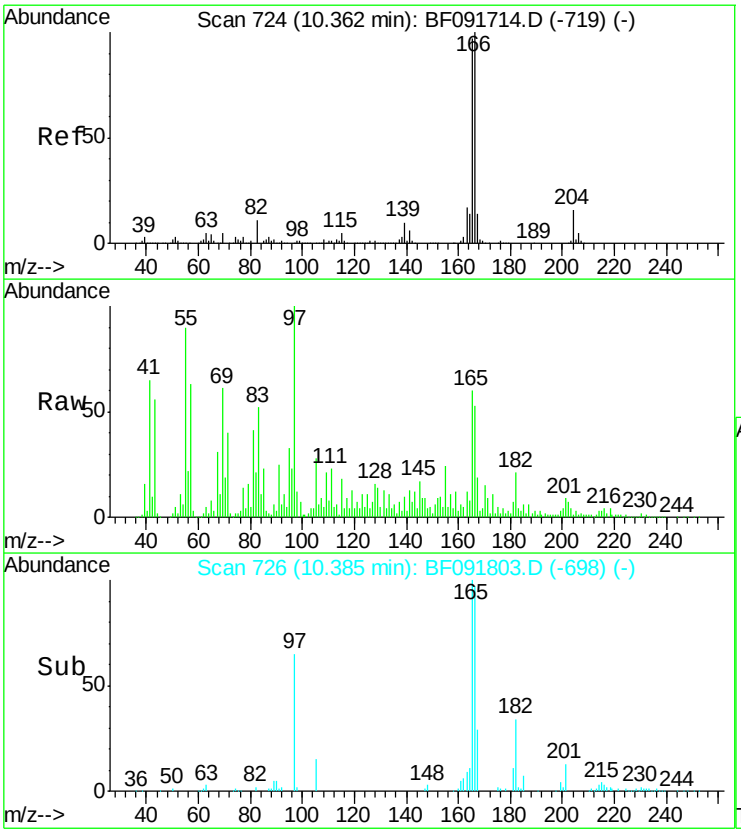
#56
2,4-Dinitrotoluene
Concen: 11.93 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:165 Resp: 42624

Ion	Ratio	Lower	Upper
165	100		
63	80.8	40.2	60.4#
89	43.5	62.5	93.7#
182	29.6	1.8	2.8#

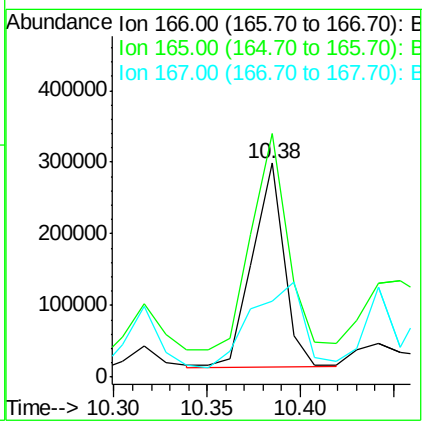


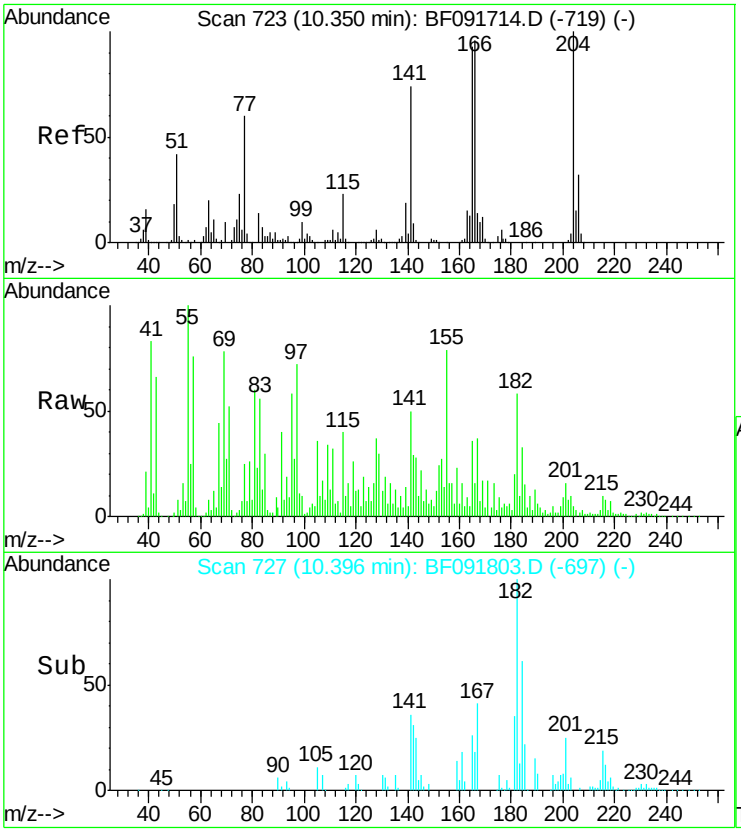


#57
Fluorene
Concen: 32.00 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:166 Resp: 336096

Ion	Ratio	Lower	Upper
166	100		
165	113.7	77.8	116.8
167	35.3	10.8	16.2#



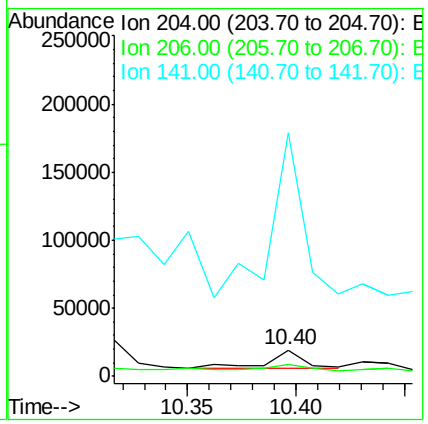


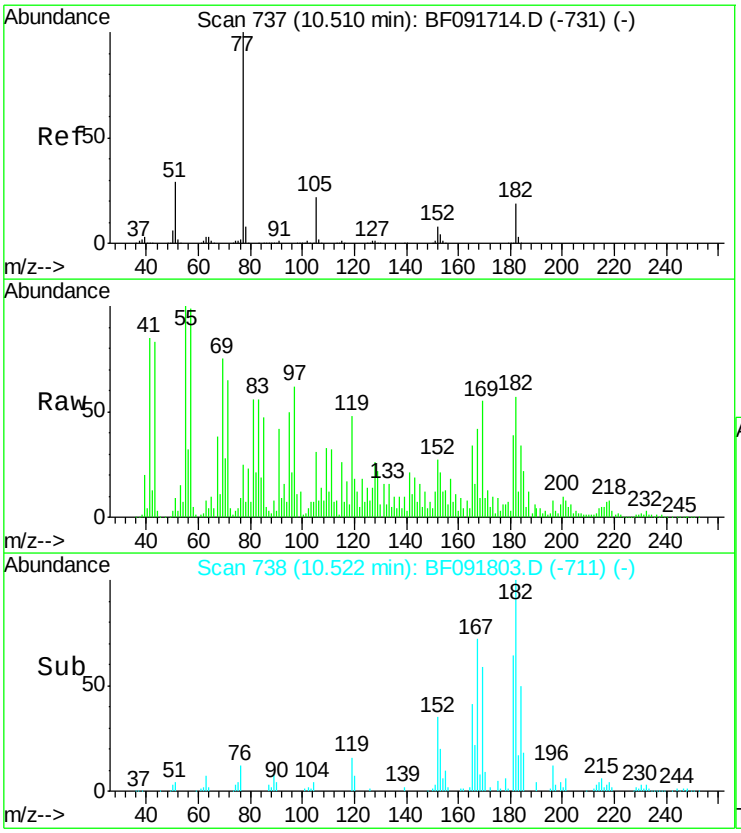
#60
4-Chlorophenyl-phenylether
Concen: 3.00 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:204 Resp: 14335

Ion	Ratio	Lower	Upper
204	100		
206	47.3	25.8	38.6#
141	936.3	59.4	89.0#

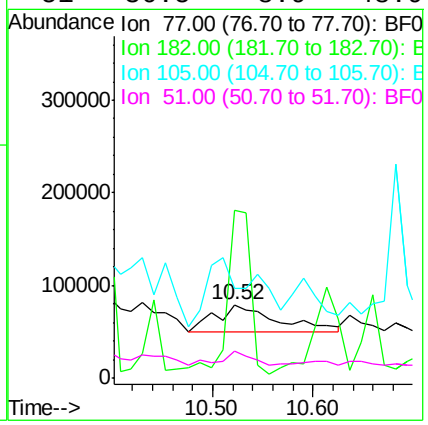


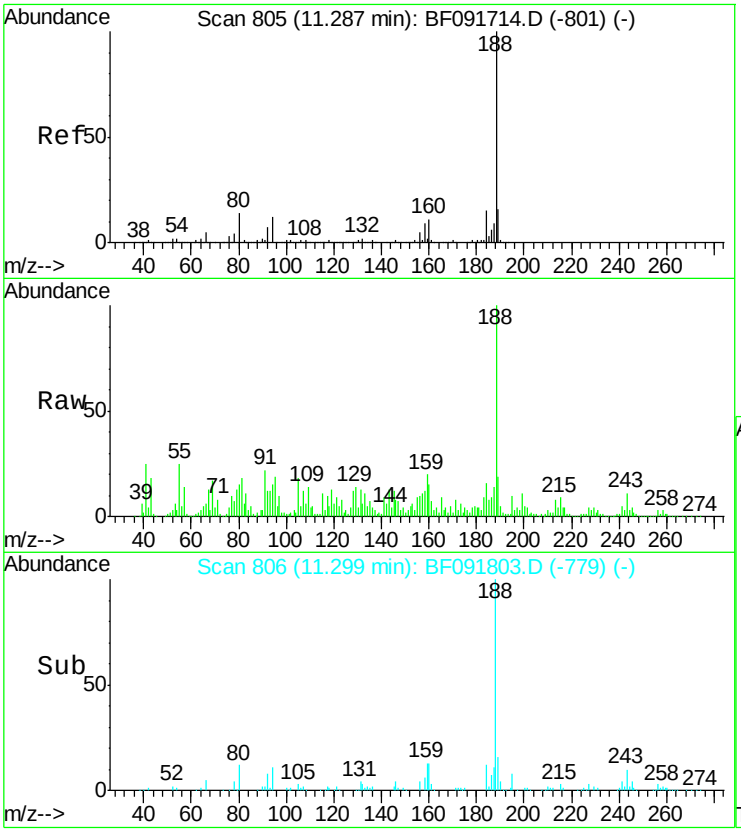


#62
Azobenzene
Concen: 9.00 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion: 77 Resp: 122791

Ion	Ratio	Lower	Upper
77	100		
182	229.1	0.0	39.3#
105	122.5	2.3	42.3#
51	36.5	8.9	48.9



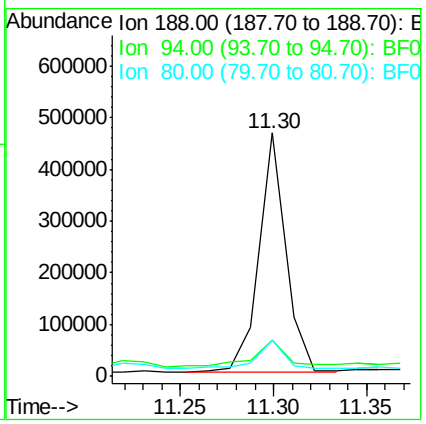


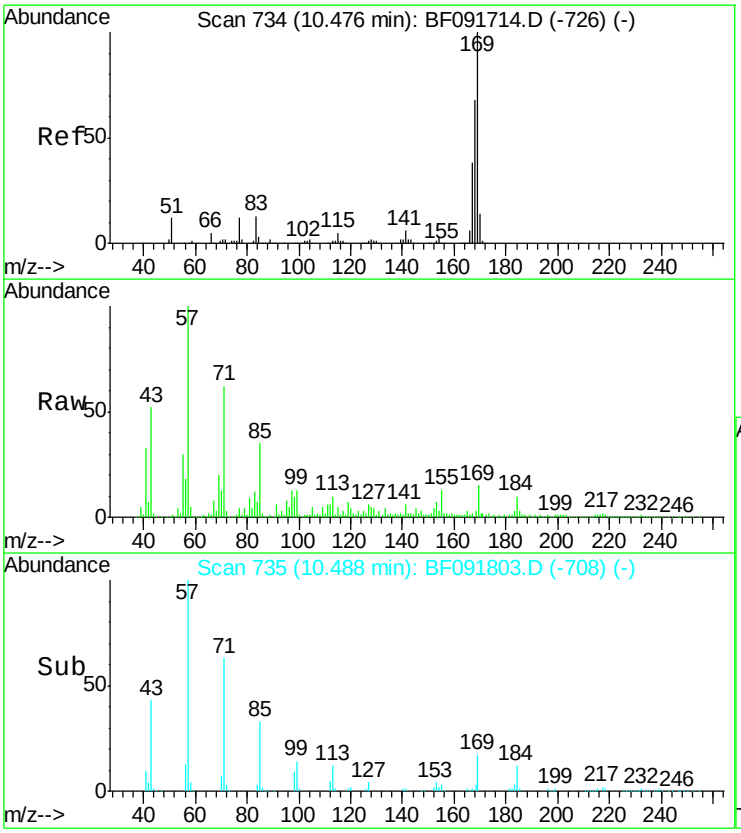
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:188 Resp: 457831

Ion	Ratio	Lower	Upper
188	100		
94	15.0	10.0	15.0#
80	14.9	11.2	16.8

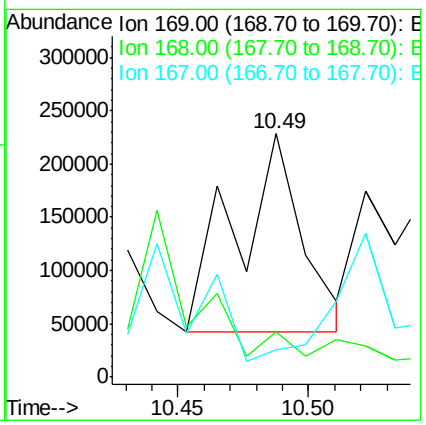


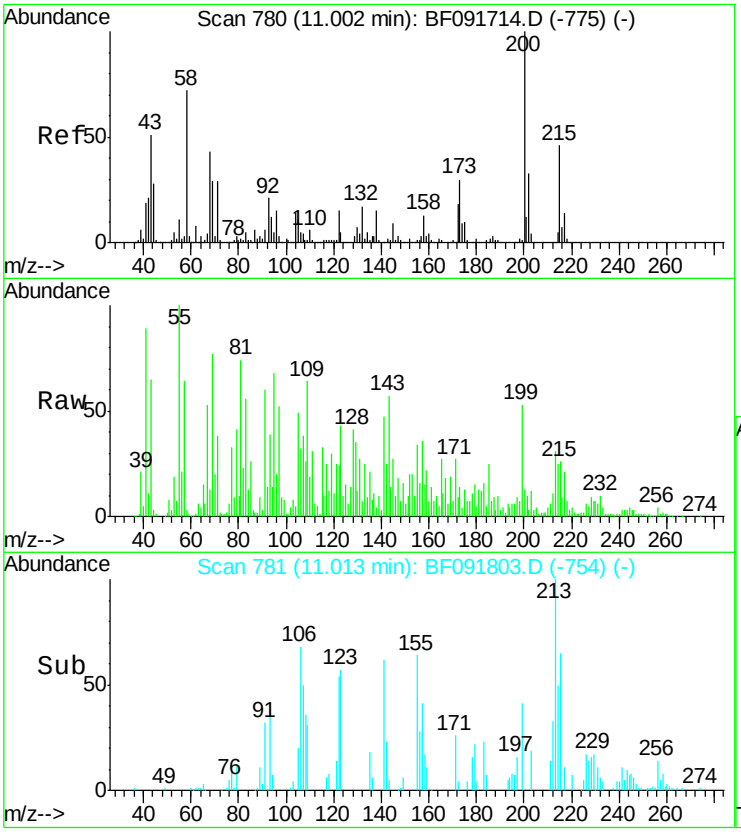


#65
n-Nitrosodiphenylamine
Concen: 23.29 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:169 Resp: 331137

Ion	Ratio	Lower	Upper
169	100		
168	18.7	54.2	81.2#
167	11.4	30.2	45.4#



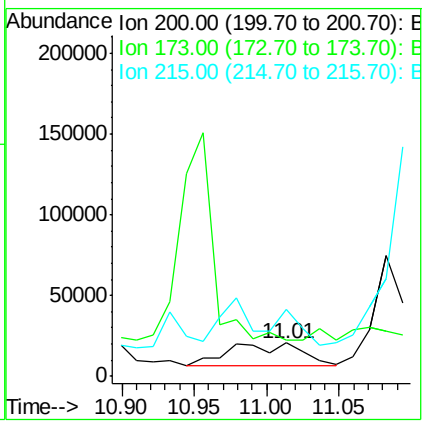


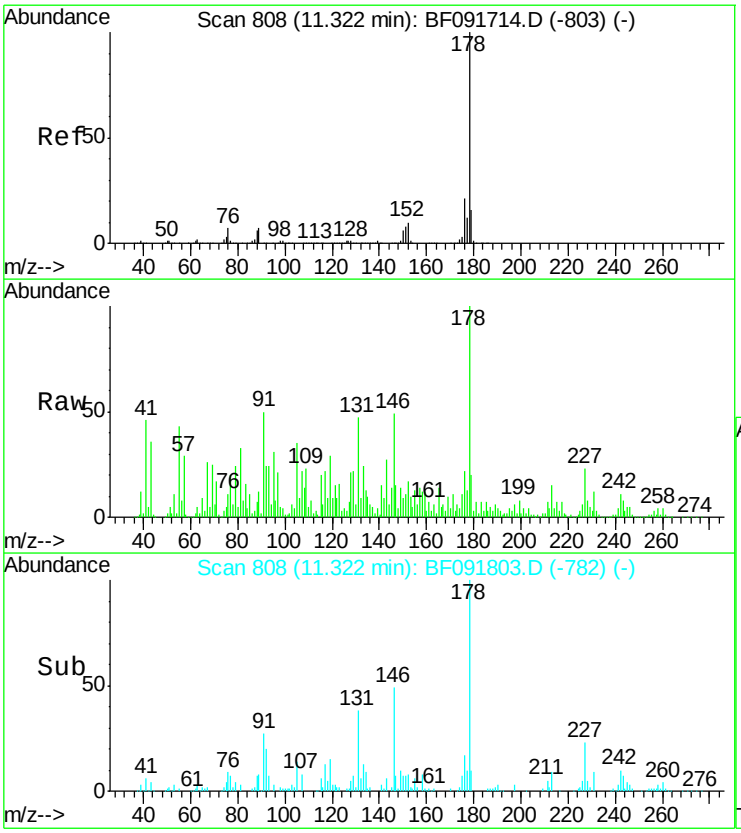
#68
Atrazine
Concen: 10.74 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:200 Resp: 46142

Ion	Ratio	Lower	Upper
200	100		
173	110.1	9.6	49.6#
215	202.0	25.7	65.7#

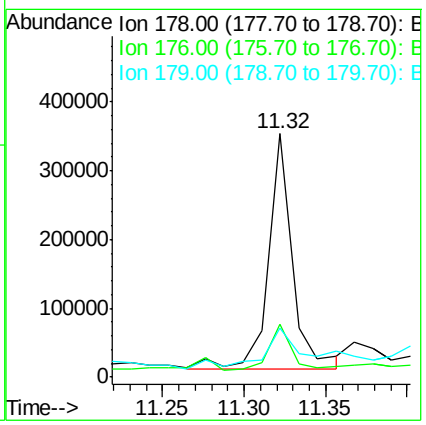


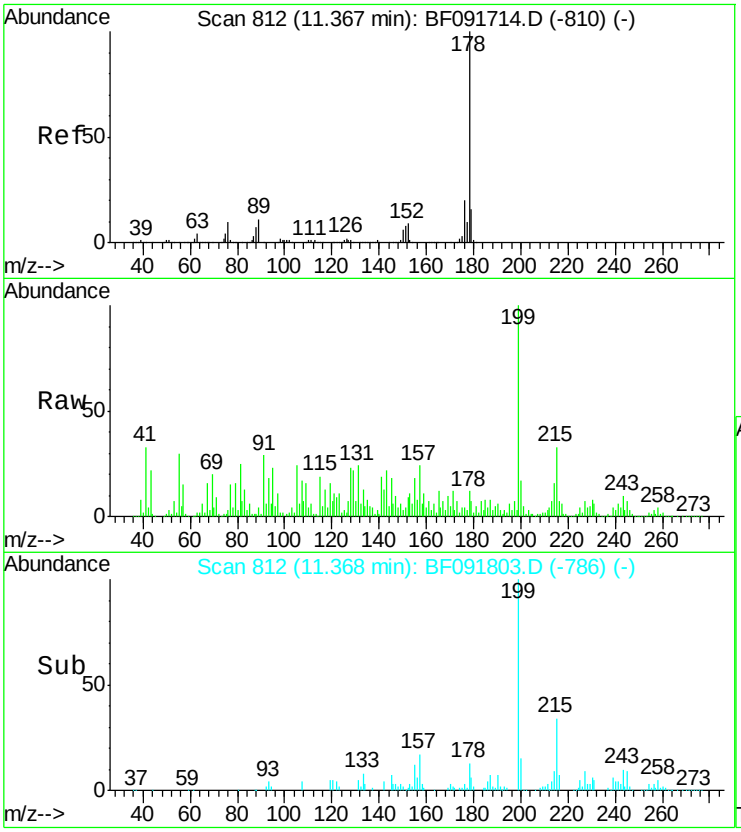


#70
Phenanthrene
Concen: 15.49 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:178 Resp: 354300

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.6	25.0
179	20.4	12.8	19.2#



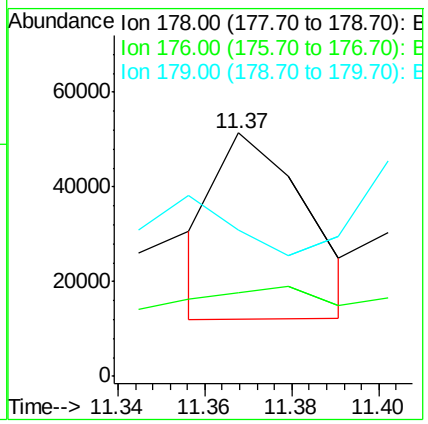


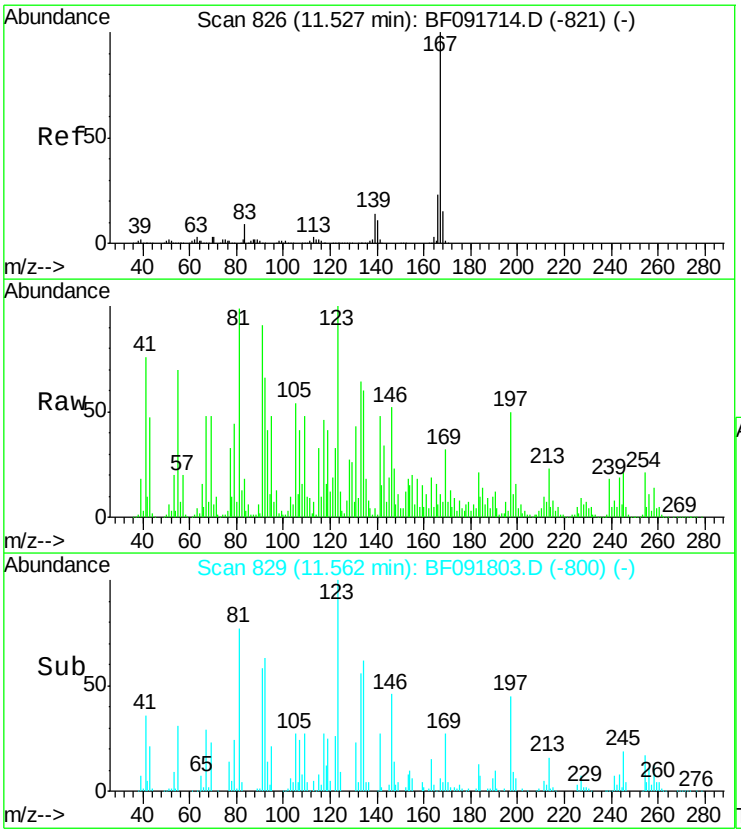
#71
Anthracene
Concen: 2.33 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:178 Resp: 56364

Ion	Ratio	Lower	Upper
178	100		
176	34.5	15.9	23.9#
179	60.2	13.2	19.8#

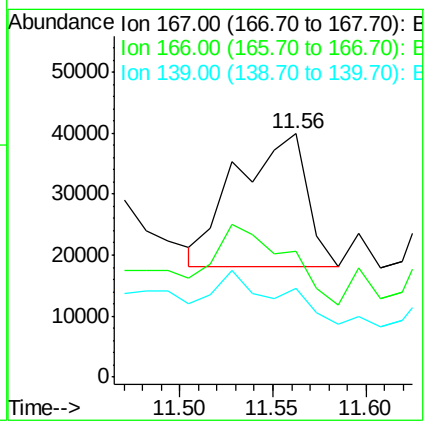


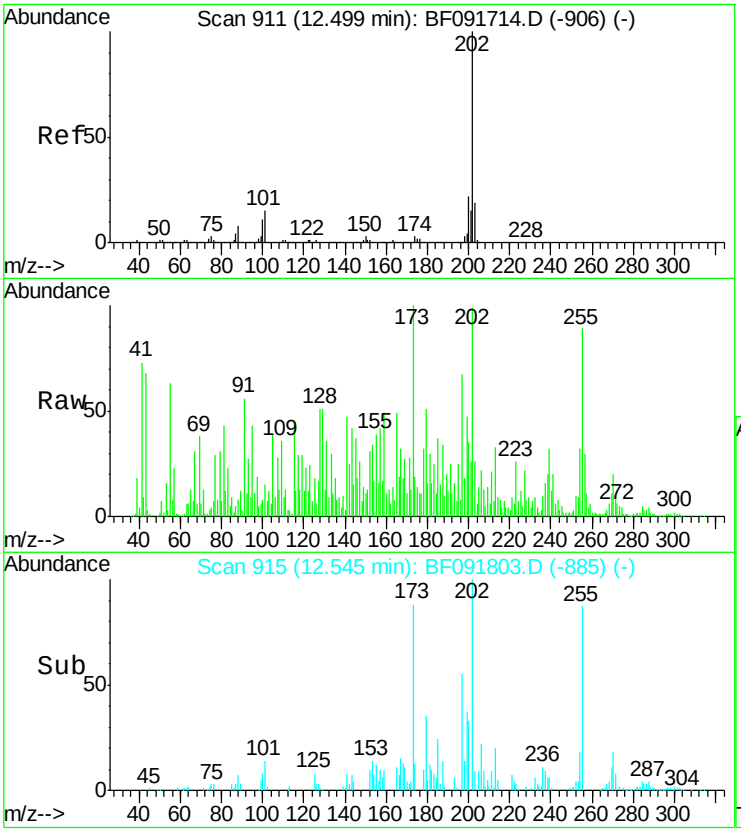


#72
Carbazole
Concen: 2.71 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.04 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:167 Resp: 57431

Ion	Ratio	Lower	Upper
167	100		
166	51.5	18.2	27.2#
139	36.2	11.4	17.2#



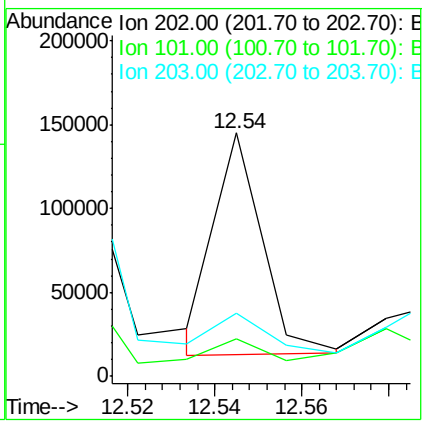


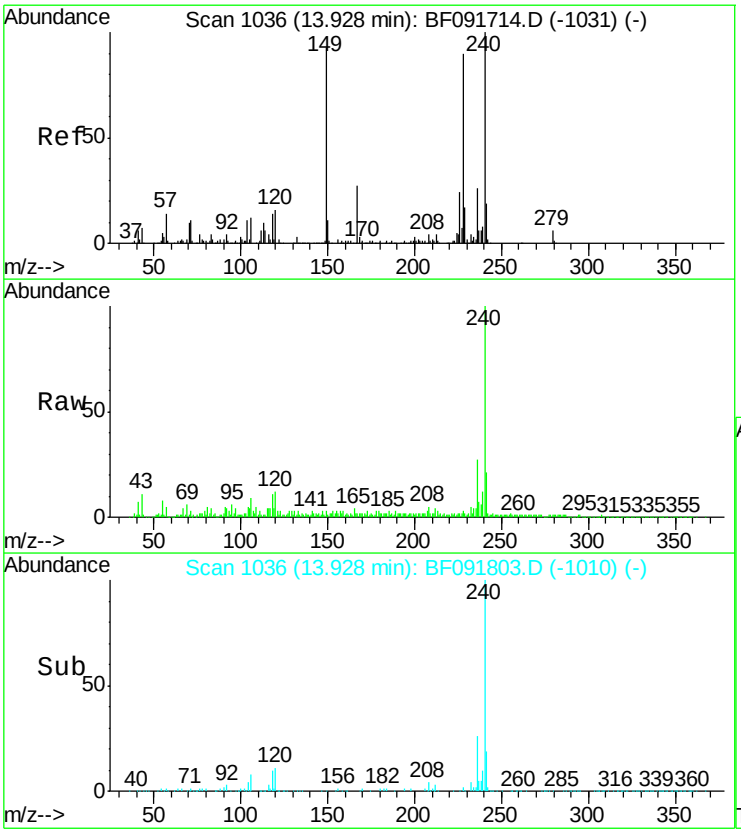
#74
Fluoranthene
Concen: 4.21 ng
RT: 12.54 min Scan# 915
Delta R.T. 0.05 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:202 Resp: 100504

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.6
203	25.8	0.0	38.7

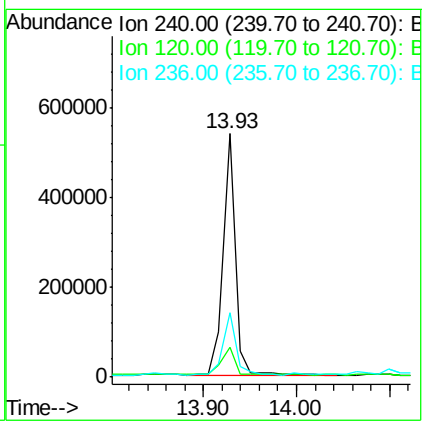


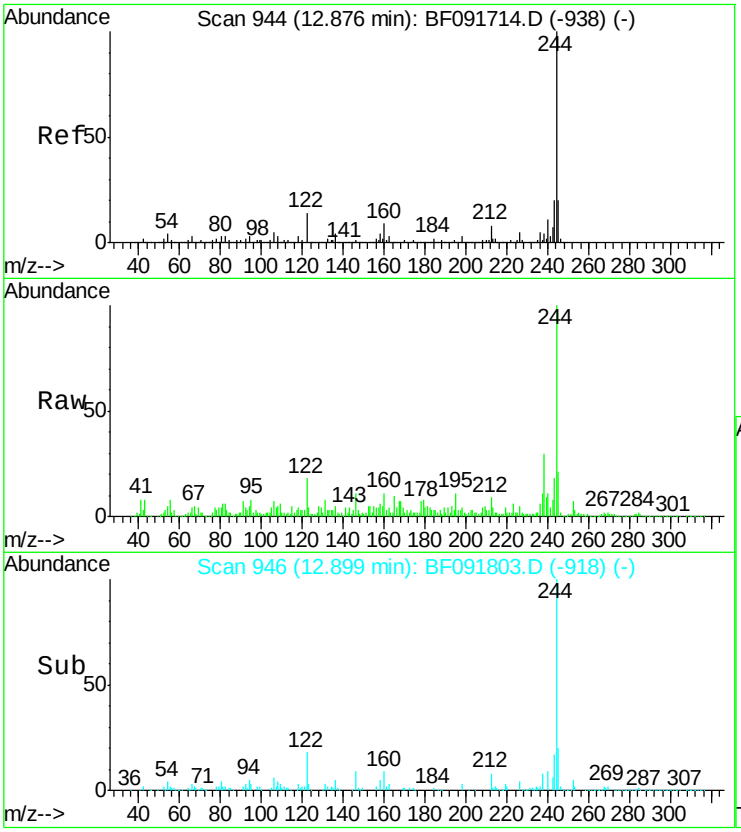


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:240 Resp: 486656

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.9	19.3#
236	26.6	20.9	31.3



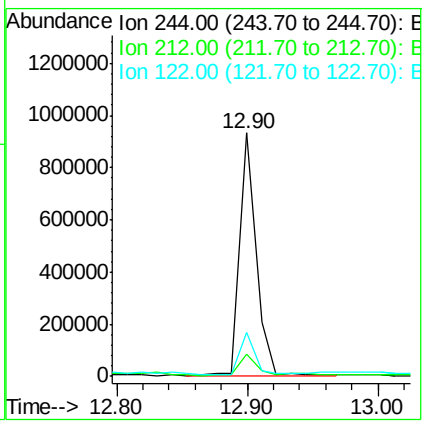


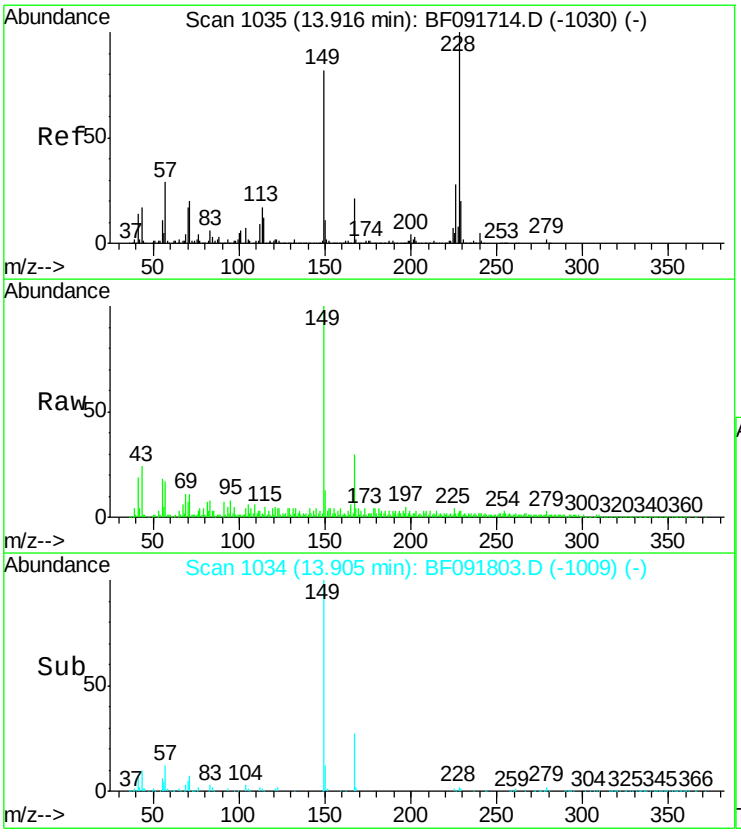
#78
Terphenyl-d14
Concen: 42.05 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:244 Resp: 810459

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.2
122	18.3	11.4	17.2#

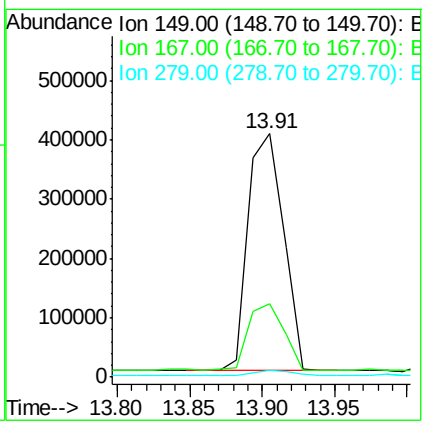


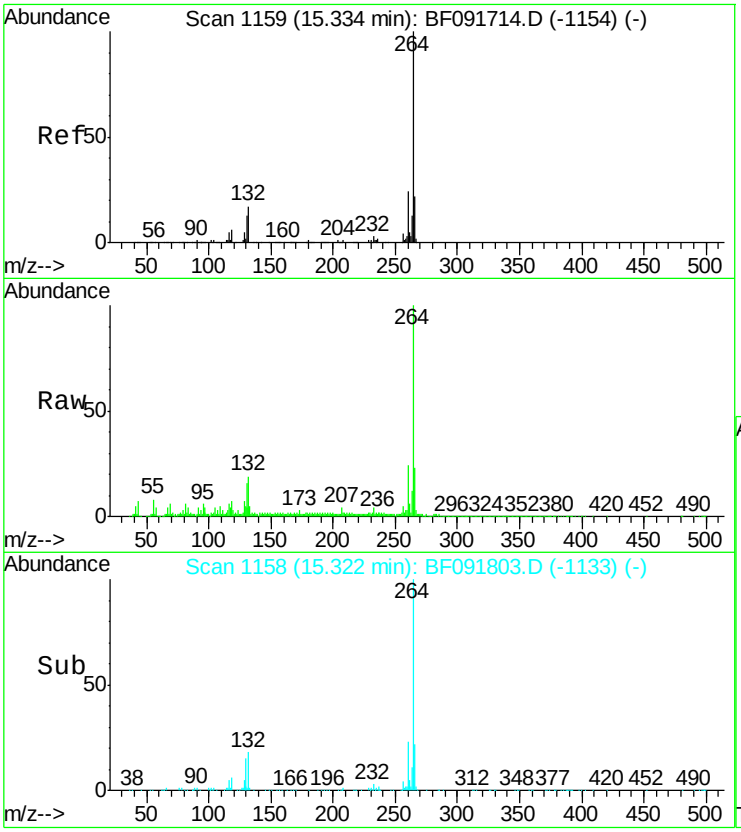


#83
Bis(2-ethylhexyl)phthalate
Concen: 32.52 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:149 Resp: 678557

Ion	Ratio	Lower	Upper
149	100		
167	30.1	20.2	30.4
279	2.6	1.8	2.8



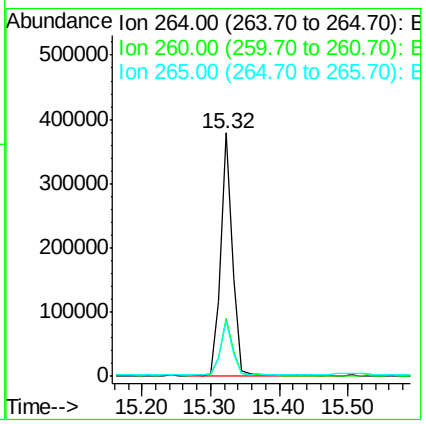


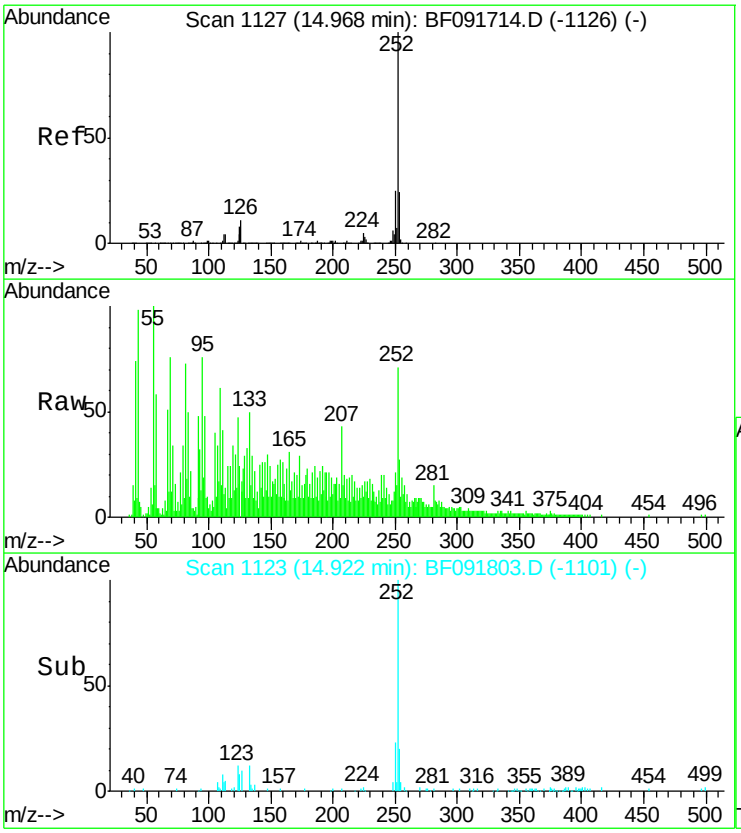
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16RE

Tgt Ion:264 Resp: 455780

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	17.4	26.0





#88
Benzo(k)fluoranthene
Concen: 2.57 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF091803.D
Acq: 20 Dec 2016 5:06

Tgt Ion:252 Resp: 52056

Ion	Ratio	Lower	Upper
252	100		
253	38.7	18.5	27.7#
125	34.1	8.9	13.3#