Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091838.D
Acq On : 21 Dec 2016 17:28
Operator : UM/SJ
Sample : H6103-05
Misc : LOD 1PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER-05-QT1-2017

Manual Integrations APPROVED
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Quant Time: Dec 22 02:50:37 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	6.74	152	238035	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	1038285	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	522420	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	960291	20.00	ng		0.00
75) Chrysene-d12	13.89	240	773664	20.00	ng		-0.01
86) Perylene-d12	15.30	264	686056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2088071	146.47	ng		0.02
7) Phenol-d6	6.40	99	2058314	118.26	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1387732	74.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	610598	141.23	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2655908	107.59	ng		0.00
78) Terphenyl-d14	12.85	244	2115513	66.32	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.24	79	23338m	0.95	ng		
4) n-Nitrosodimethylamine	3.10	42	6930m	0.75	ng		
6) Aniline	6.41	93	20333	0.90	ng		96
8) 2-Chlorophenol	6.53	128	16682	1.03	ng		91
9) Benzaldehyde	6.29	77	7281	0.36	ng		93
10) Phenol	6.41	94	27281	1.38	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	19116	1.21	ng		89
12) 1,3-Dichlorobenzene	6.68	146	17130	0.99	ng	#	89
13) 1,4-Dichlorobenzene	6.76	146	17866	1.01	ng		97
14) 1,2-Dichlorobenzene	6.91	146	14903m	0.97	ng		
15) Benzyl Alcohol	6.90	79	32574	2.41	ng	#	53
16) 2,2'-oxybis(1-Chloropropan	7.02	45	22672	0.96	ng		86
17) 2-Methylphenol	7.01	107	12591	0.97	ng		98
18) Hexachloroethane	7.25	117	5697	0.87	ng	#	84
20) 3+4-Methylphenols	7.17	107	16559	1.06	ng	#	76
22) Acetophenone	7.15	105	23242	0.91	ng	#	96
24) Nitrobenzene	7.33	77	20826	1.05	ng	#	83
25) Isophorone	7.56	82	27668m	0.80	ng		
26) 2-Nitrophenol	7.65	139	7143	0.73	ng	#	86
27) 2,4-Dimethylphenol	7.70	122	14178	0.87	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	17148	0.82	ng		97
29) 2,4-Dichlorophenol	7.90	162	11028	0.80	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	14122	0.94	ng		95
31) Naphthalene	8.05	128	48359	1.02	ng		99
32) Benzoic acid	7.76	122	6105	0.51	ng		90
33) 4-Chloroaniline	8.11	127	17858	0.83	ng		96
34) Hexachlorobutadiene	8.18	225	7586	0.95	ng		96
35) Caprolactam	8.44	113	3125	0.69	ng	#	84
36) 4-Chloro-3-methylphenol	8.59	107	13397	0.85	ng		88
37) 2-Methylnaphthalene	8.74	142	27669	0.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	13507	1.02	ng		96
42) 2,4,6-Trichlorophenol	9.02	196	7636	0.83	ng		96
45) 1,1'-Biphenyl	9.21	154	44671	1.25	ng		97
46) 2-Chloronaphthalene	9.23	162	28993	1.02	ng		96

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Operator : UM/SJ
Sample : H6103-05
Misc : LOD 1PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 22 02:50:37 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)
47) 2-Nitroaniline	9.33	65	7896	0.78	ng	#	82
48) Acenaphthylene	9.64	152	45526	1.04	ng		99
49) Dimethylphthalate	9.50	163	33429	1.00	ng		99
50) 2,6-Dinitrotoluene	9.57	165	6032	0.82	ng		94
51) Acenaphthene	9.81	154	29934	1.01	ng		92
52) 3-Nitroaniline	9.74	138	7412	0.82	ng		82
54) Dibenzofuran	9.98	168	42047	1.05	ng		94
55) 4-Nitrophenol	9.93	139	3047	0.50	ng		92
56) 2,4-Dinitrotoluene	9.97	165	8380	0.91	ng	#	95
57) Fluorene	10.33	166	34623	1.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	6373	0.85	ng	#	96
59) Diethylphthalate	10.20	149	31324	0.97	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	15961	1.26	ng	#	80
61) 4-Nitroaniline	10.34	138	7067	0.75	ng		92
62) Azobenzene	10.49	77	34642	0.97	ng		87
64) 4,6-Dinitro-2-methylphenol	10.38	198	749	0.13	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	28059	0.98	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	8712	0.87	ng	#	89
67) Hexachlorobenzene	10.88	284	10296	0.96	ng	#	93
68) Atrazine	10.97	200	5898	0.64	ng		99
69) Pentachlorophenol	11.08	266	726	0.14	ng	#	72
70) Phenanthrene	11.29	178	52421	1.01	ng		96
71) Anthracene	11.33	178	48827	0.26	ng		97
72) Carbazole	11.49	167	41808	0.78	ng		97
73) Di-n-butylphthalate	11.84	149	48320	Below Cal		#	95
74) Fluoranthene	12.48	202	47714	Below Cal			91
76) Benzidine	12.60	184	30236	Below Cal			99
77) Pyrene	12.69	202	51788	0.91	ng		96
79) Butylbenzylphthalate	13.32	149	19210	0.74	ng	#	97
80) Benzo(a)anthracene	13.88	228	42683	0.98	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	11620	0.70	ng	#	94
82) Chrysene	13.92	228	43947	1.00	ng		93
83) Bis(2-ethylhexyl)phthalate	13.89	149	25426	0.84	ng	#	93
84) Di-n-octyl phthalate	14.50	149	47892	0.85	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	30327	0.80	ng		97
87) Benzo(b)fluoranthene	14.90	252	39393m	0.92	ng		
88) Benzo(k)fluoranthene	14.92	252	35676m	0.98	ng		
89) Benzo(a)pyrene	15.23	252	33962	0.90	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	24925	0.80	ng	#	93
91) Benzo(g,h,i)perylene	17.01	276	25849	0.80	ng	#	94

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

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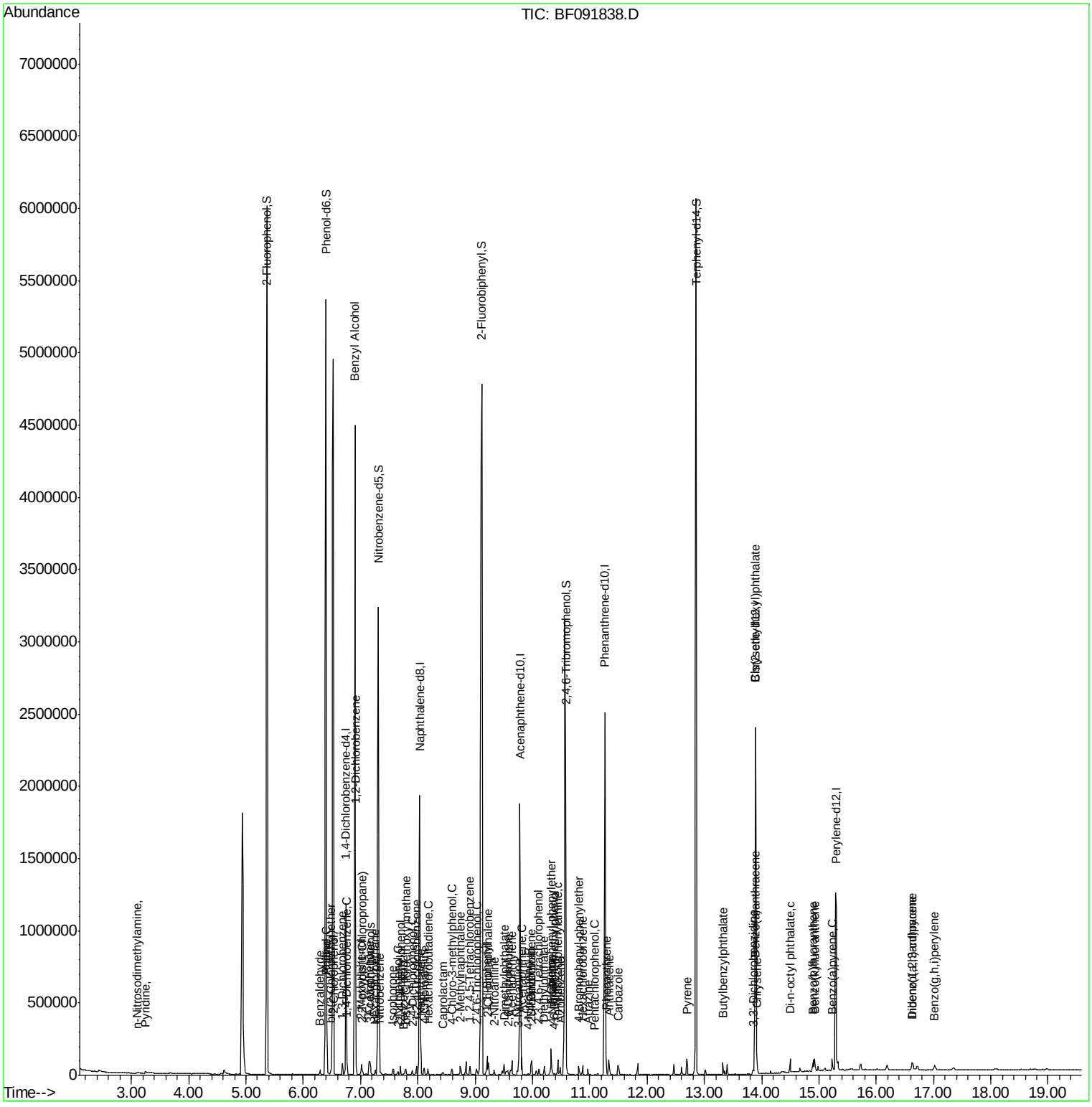
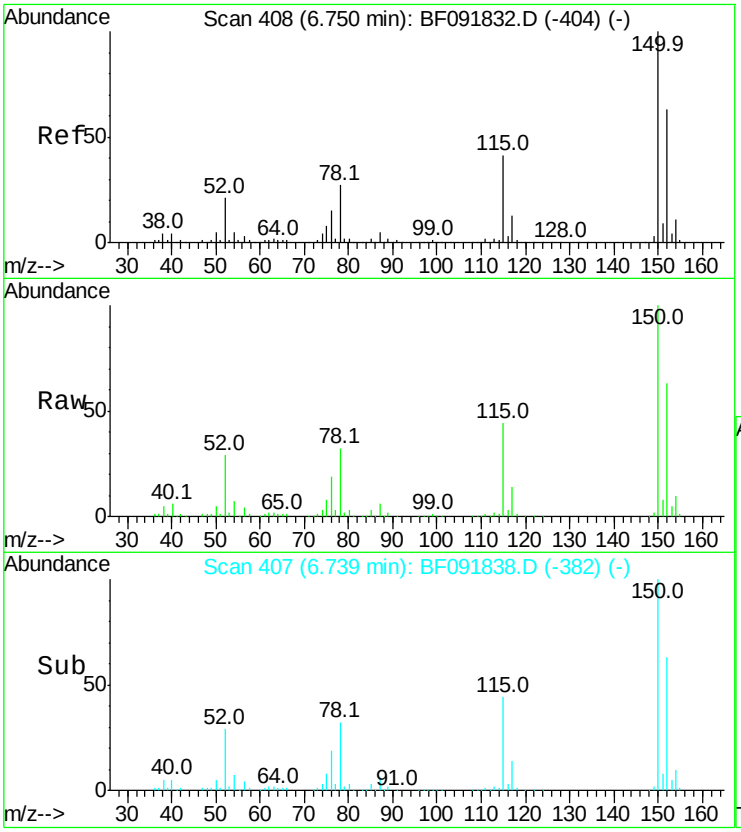
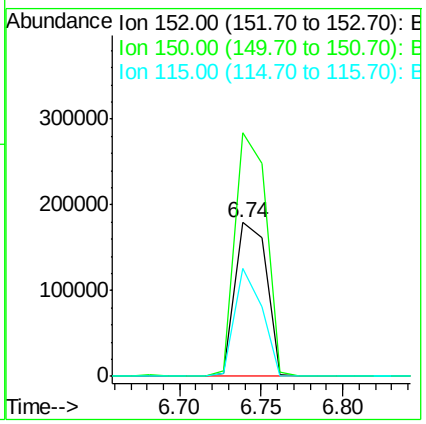




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:152 Resp: 238035

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	69.9	46.0	69.0#



Instrument :
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ClientSampleId :
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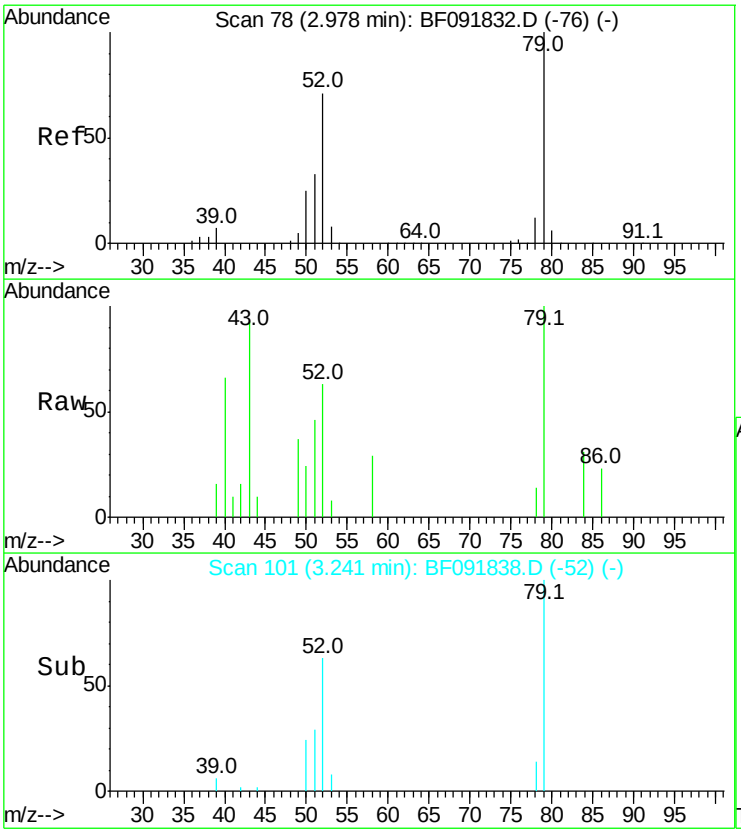
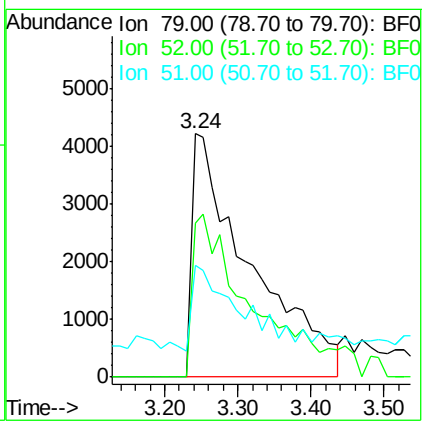
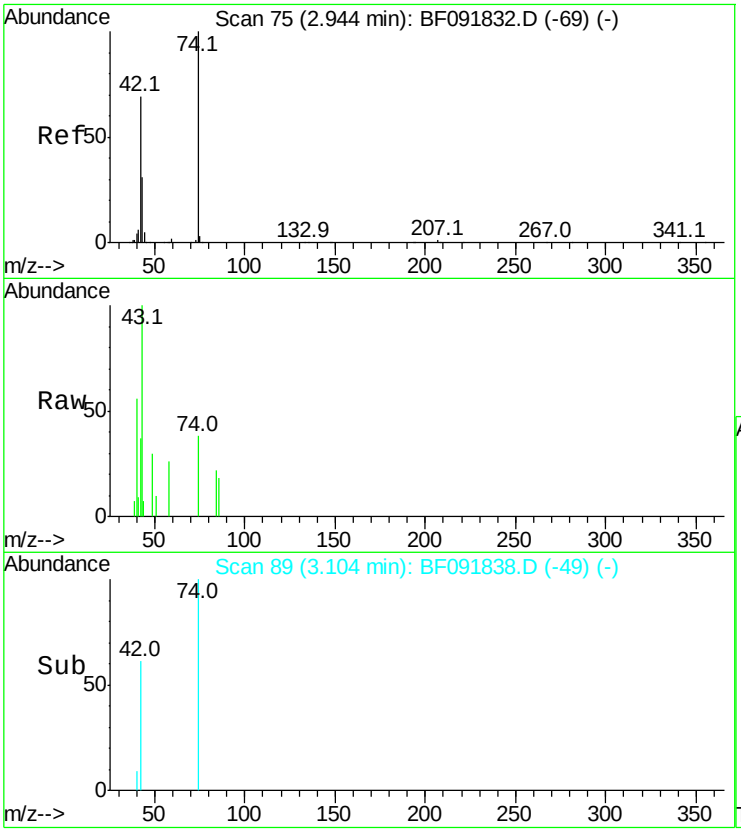


#3
Pyridine
Concen: 0.95 ng m
RT: 3.24 min Scan# 101
Delta R.T. 0.26 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 79 Resp: 23338

Ion	Ratio	Lower	Upper
79	100		
52	63.0	57.1	85.7
51	45.7	27.3	40.9#

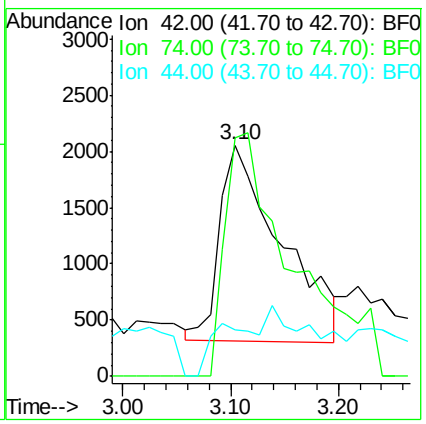




#4
n-Nitrosodimethylamine
Concen: 0.75 ng m
RT: 3.10 min Scan# 89
Delta R.T. 0.16 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 42 Resp: 6930

Ion	Ratio	Lower	Upper
42	100		
74	103.0	117.0	175.4#
44	20.1	5.5	8.3#



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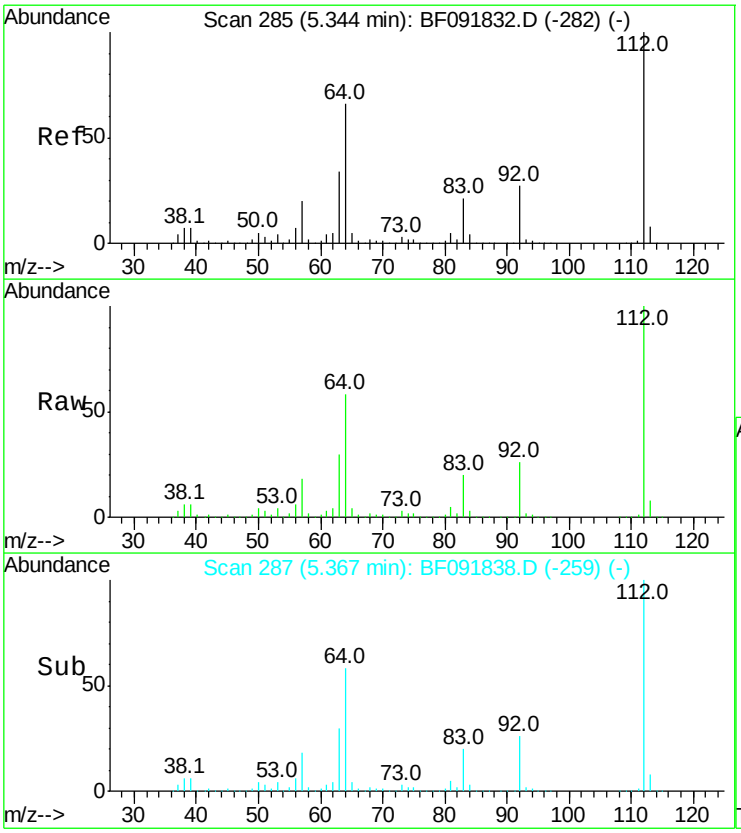
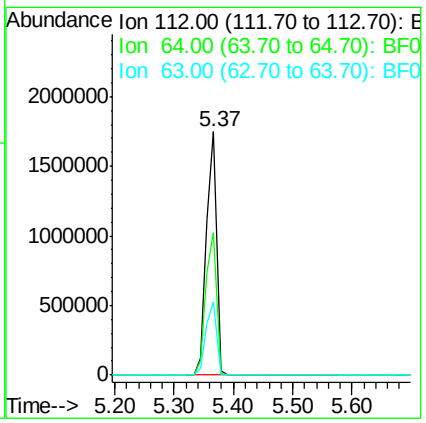
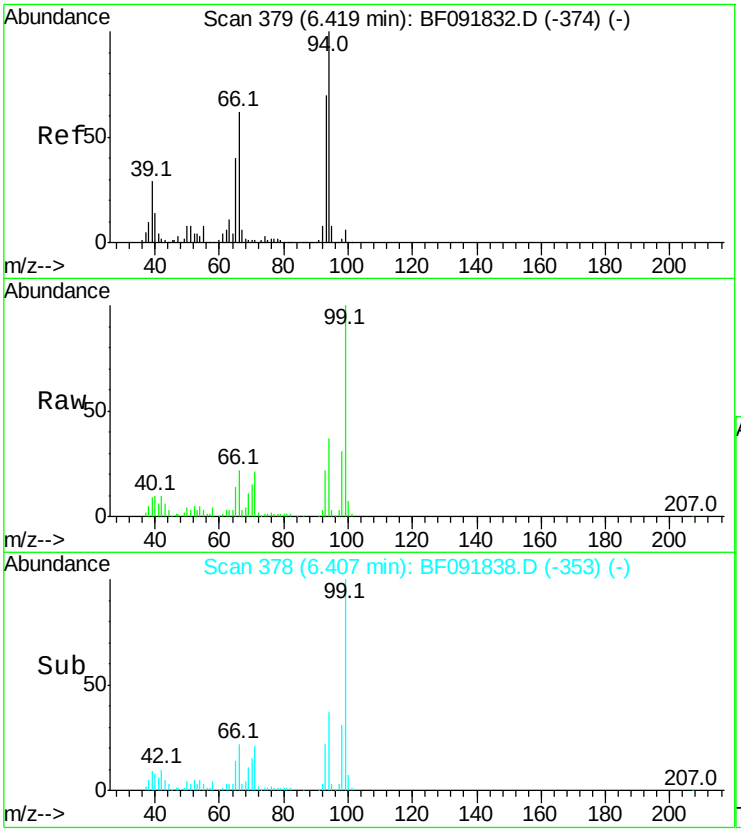


#5
2-Fluorophenol
Concen: 146.47 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:112 Resp: 2088071

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.1	69.1
63	30.0	23.8	35.6

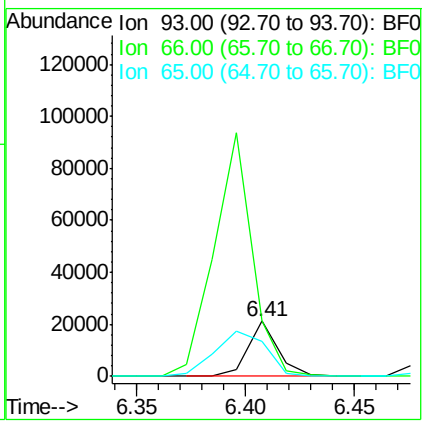




#6
Aniline
Concen: 0.90 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 93 Resp: 20333

Ion	Ratio	Lower	Upper
93	100		
66	100.9	76.2	114.2
65	63.4	49.3	73.9



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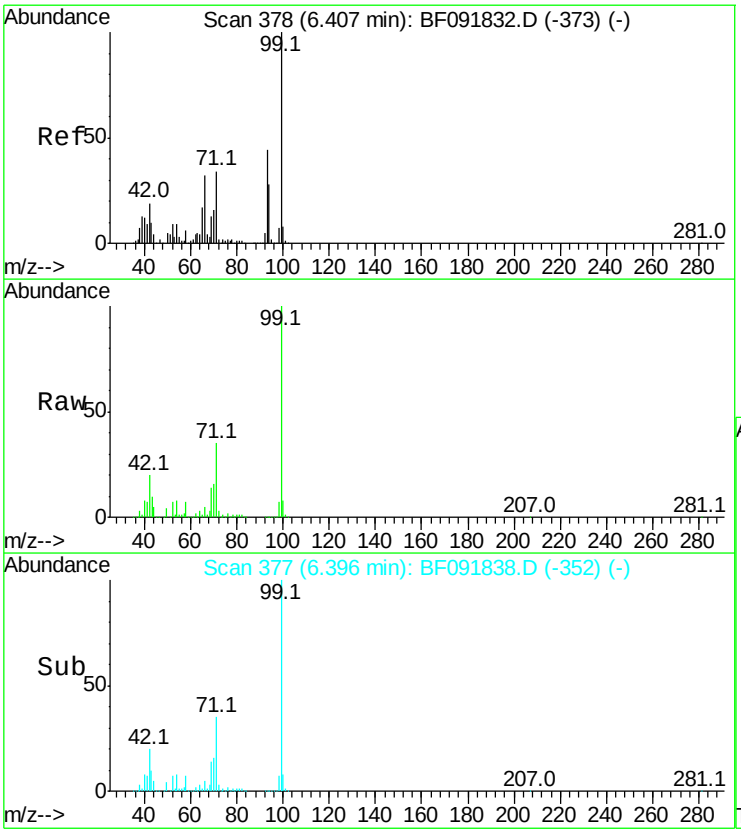
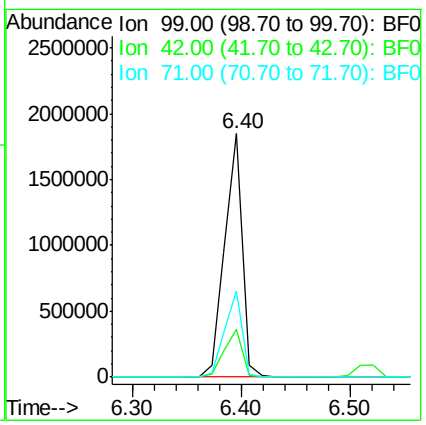
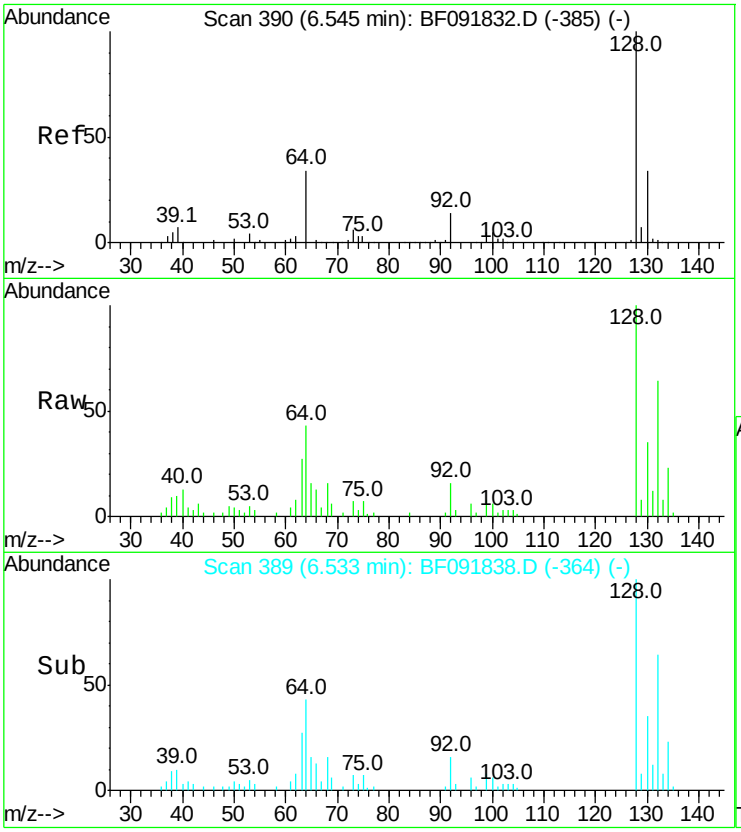


#7
Phenol-d6
Concen: 118.26 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 99 Resp: 2058314

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	35.4	27.5	41.3

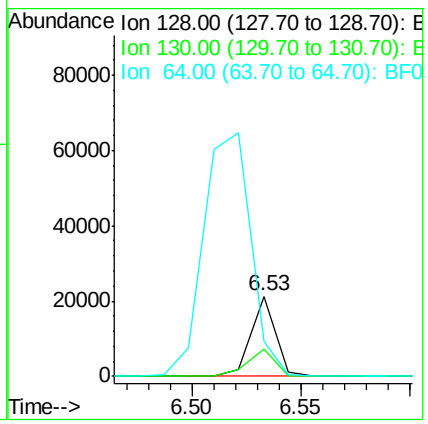




#8
2-Chlorophenol
Concen: 1.03 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:128 Resp: 16682

Ion	Ratio	Lower	Upper
128	100		
130	34.7	12.3	52.3
64	43.3	32.2	72.2



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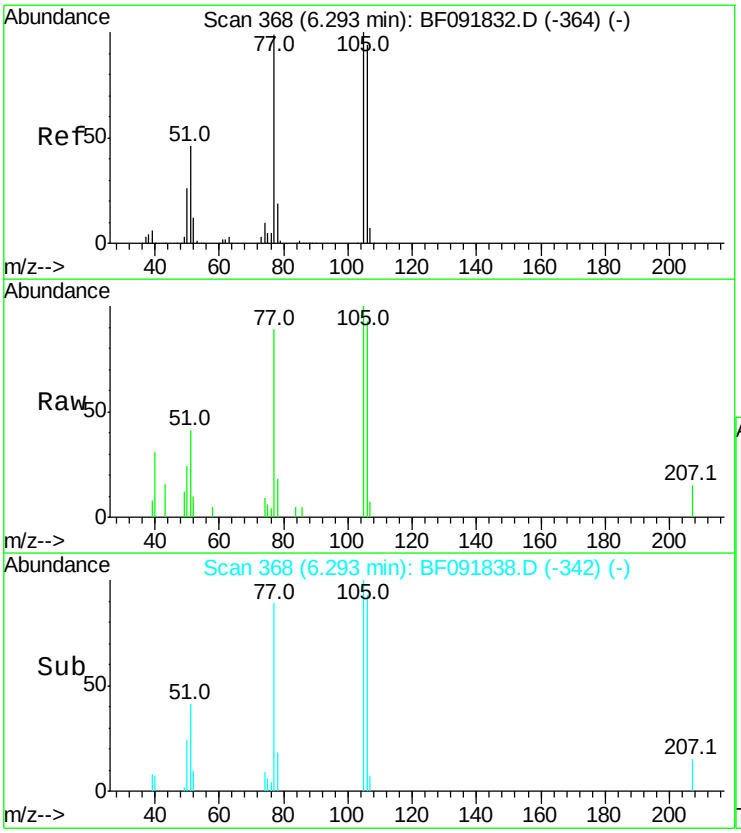
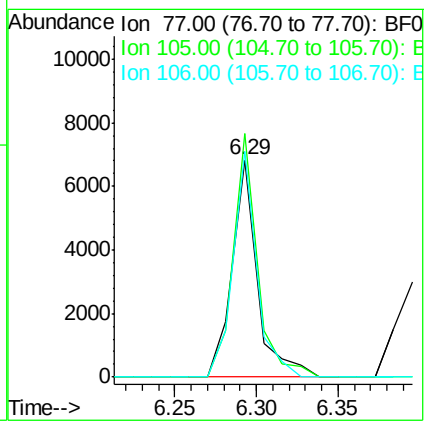
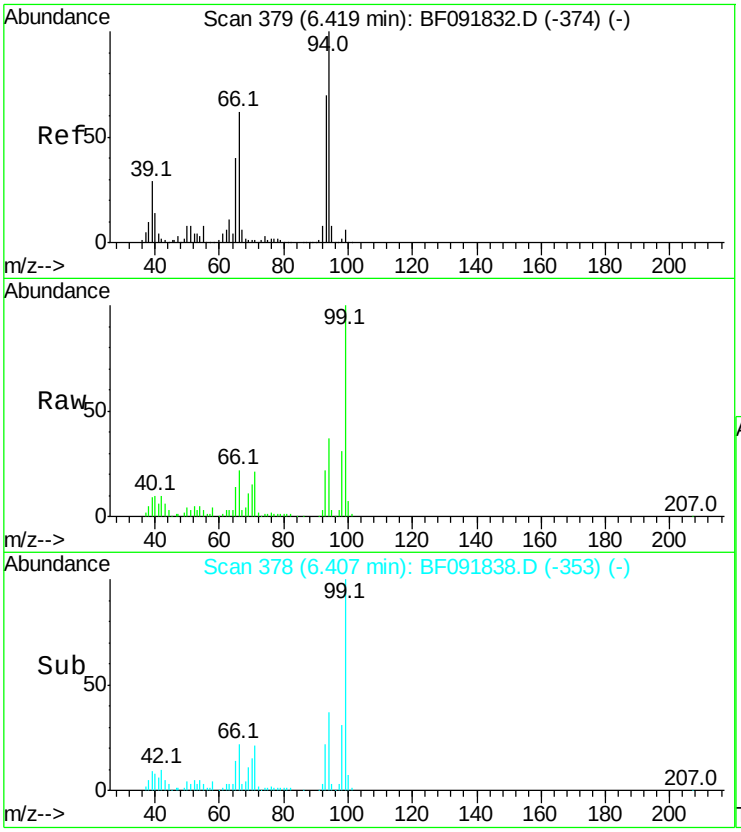


#9
Benzaldehyde
Concen: 0.36 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 77 Resp: 7281

Ion	Ratio	Lower	Upper
77	100		
105	112.1	83.9	123.9
106	103.8	77.6	117.6

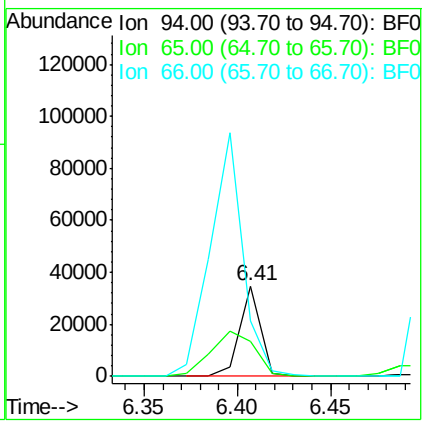




#10
Phenol
Concen: 1.38 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 94 Resp: 27281

Ion	Ratio	Lower	Upper
94	100		
65	38.6	21.4	61.4
66	61.4	44.0	84.0



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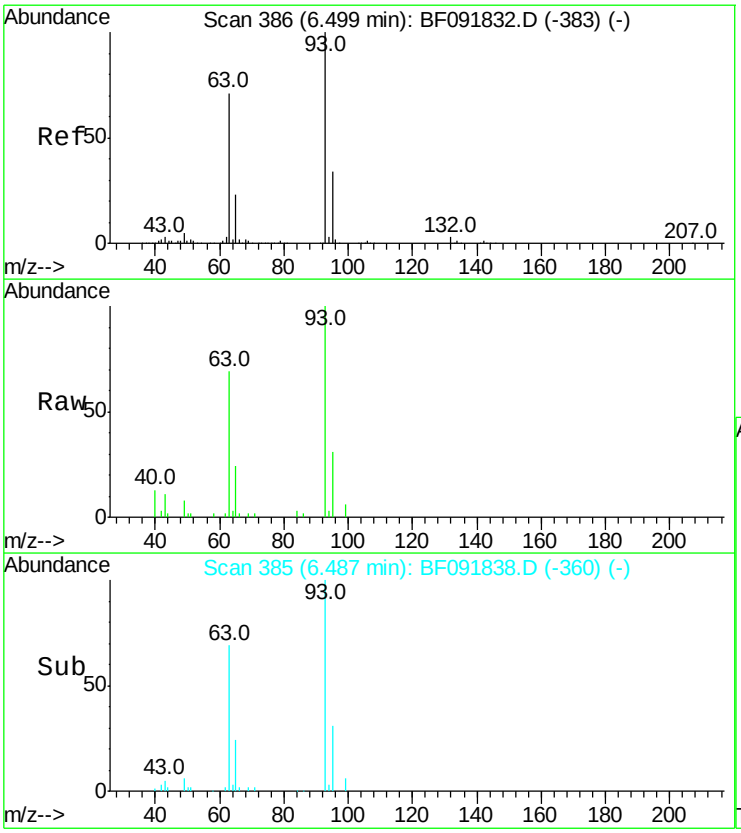
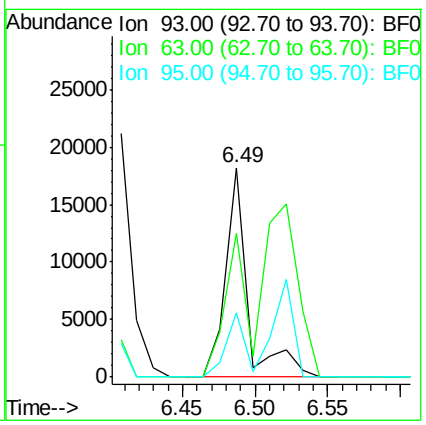
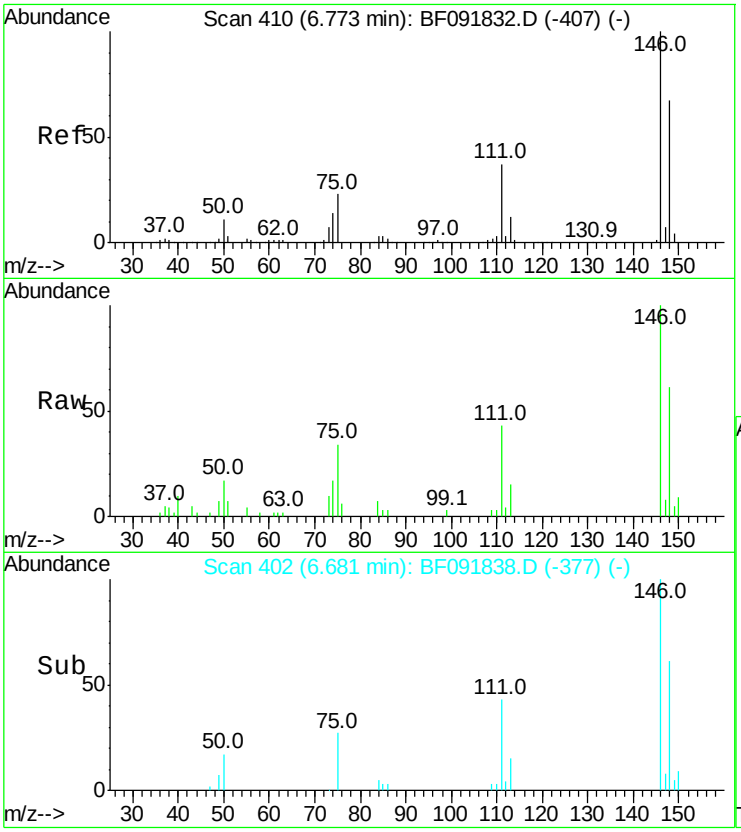


#11
bis(2-Chloroethyl)ether
Concen: 1.21 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 93 Resp: 19116

Ion	Ratio	Lower	Upper
93	100		
63	68.6	60.4	100.4
95	30.8	12.8	52.8

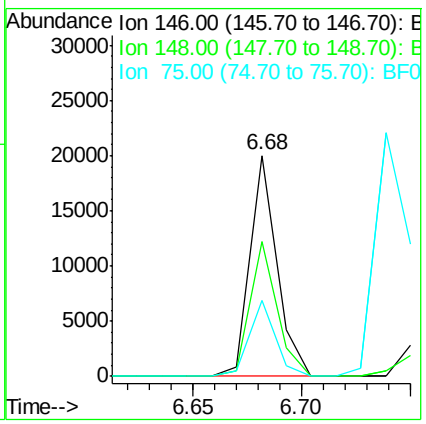




#12
1,3-Dichlorobenzene
Concen: 0.99 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:146 Resp: 17130

Ion	Ratio	Lower	Upper
146	100		
148	61.1	53.4	80.0
75	34.3	18.5	27.7#



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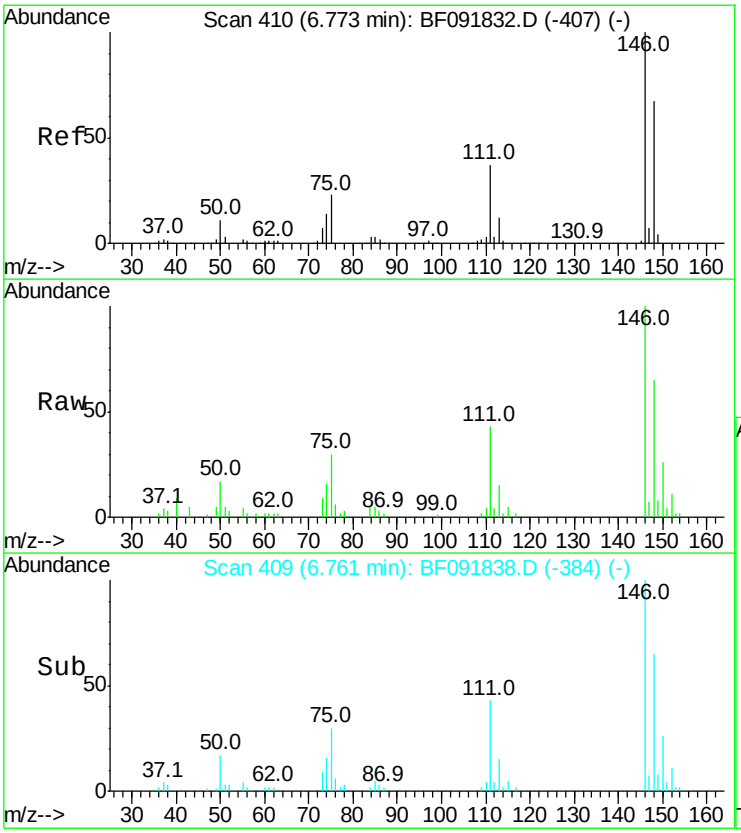
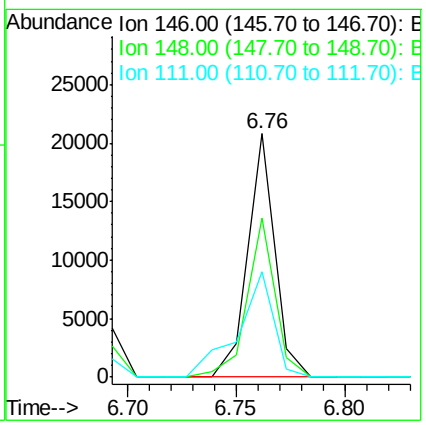
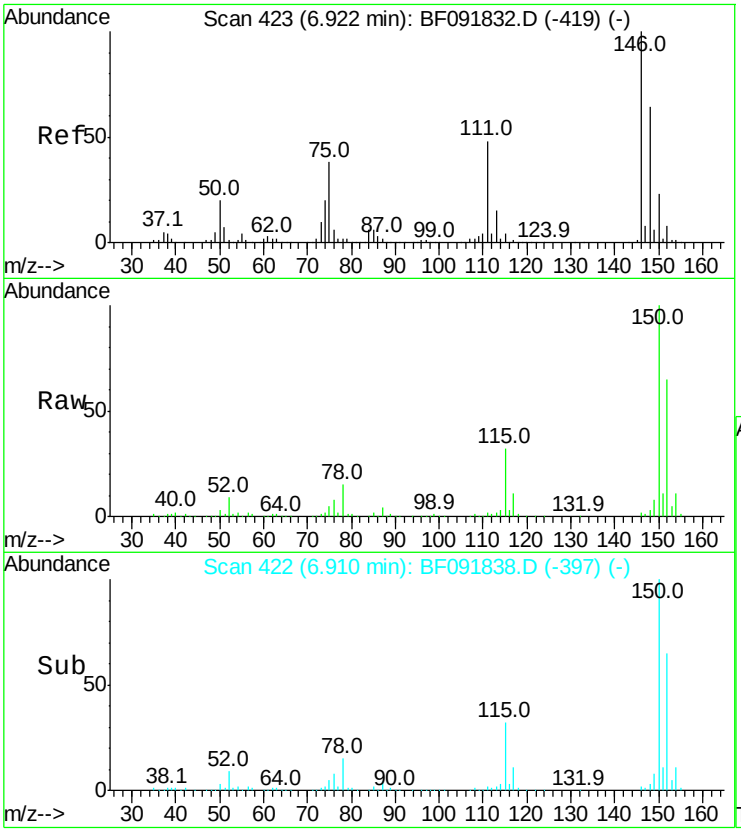


#13
1,4-Dichlorobenzene
Concen: 1.01 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:146 Resp: 17866

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	43.4	36.2	54.4

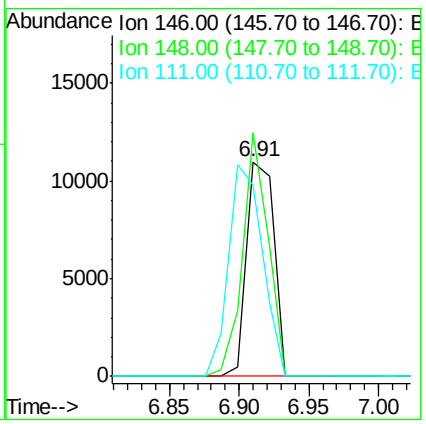




#14
1,2-Dichlorobenzene
Concen: 0.97 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:146 Resp: 14903

Ion	Ratio	Lower	Upper
146	100		
148	113.4	52.2	78.2#
111	89.1	36.2	54.2#



Instrument :
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ClientSampleId :
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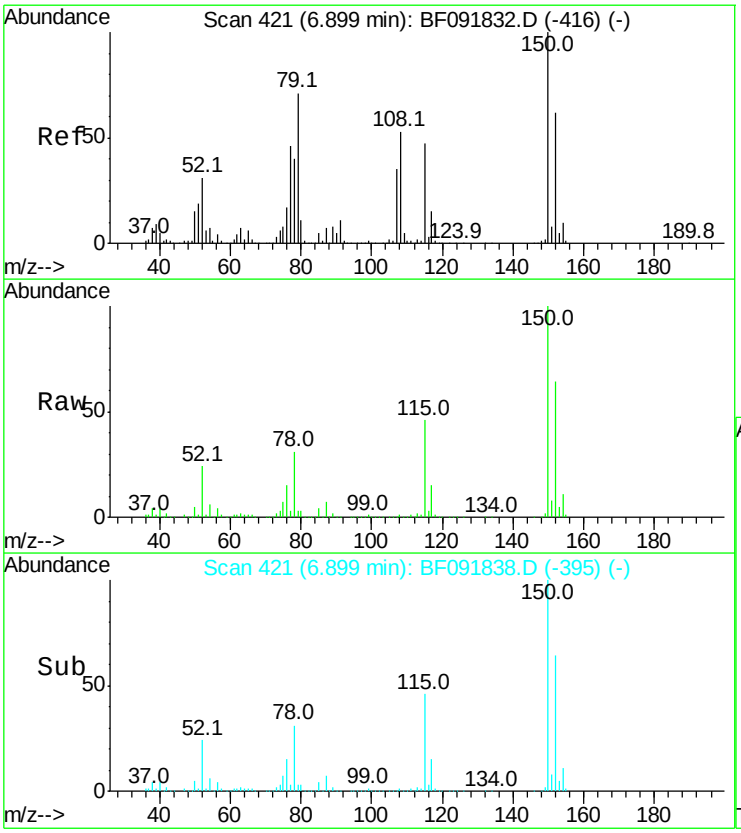
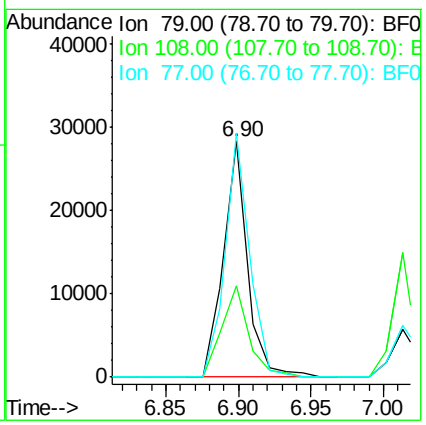
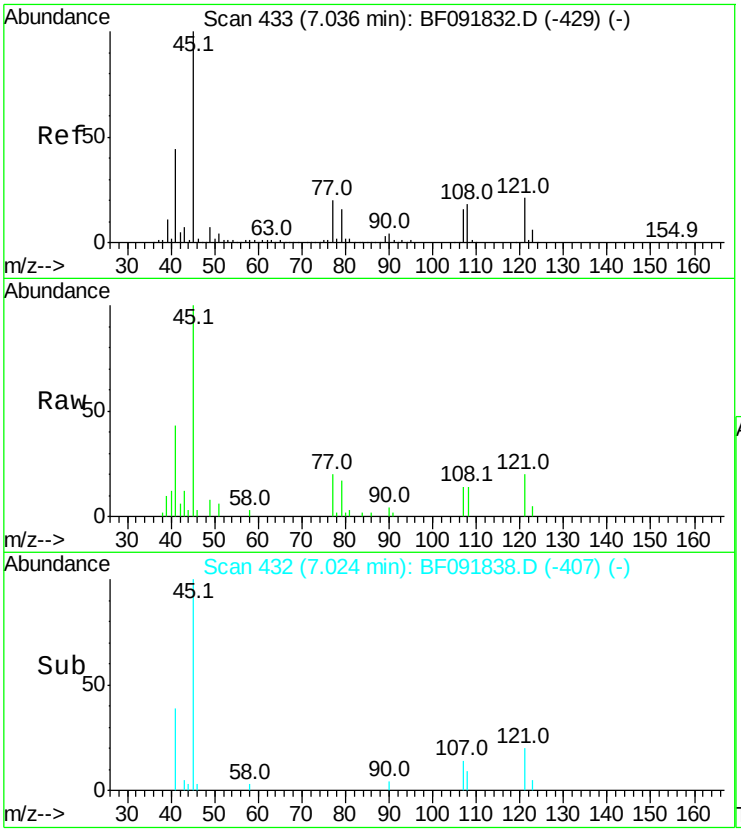


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 79 Resp: 32574

Ion	Ratio	Lower	Upper
79	100		
108	38.8	61.4	92.0#
77	103.3	50.9	76.3#

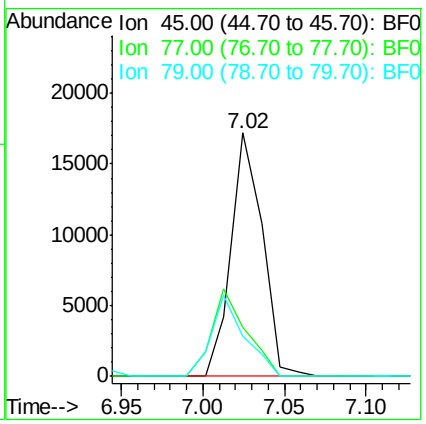




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.96 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 45 Resp: 22672

Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	34.6
79	16.6	0.0	31.2



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ClientSampleId :
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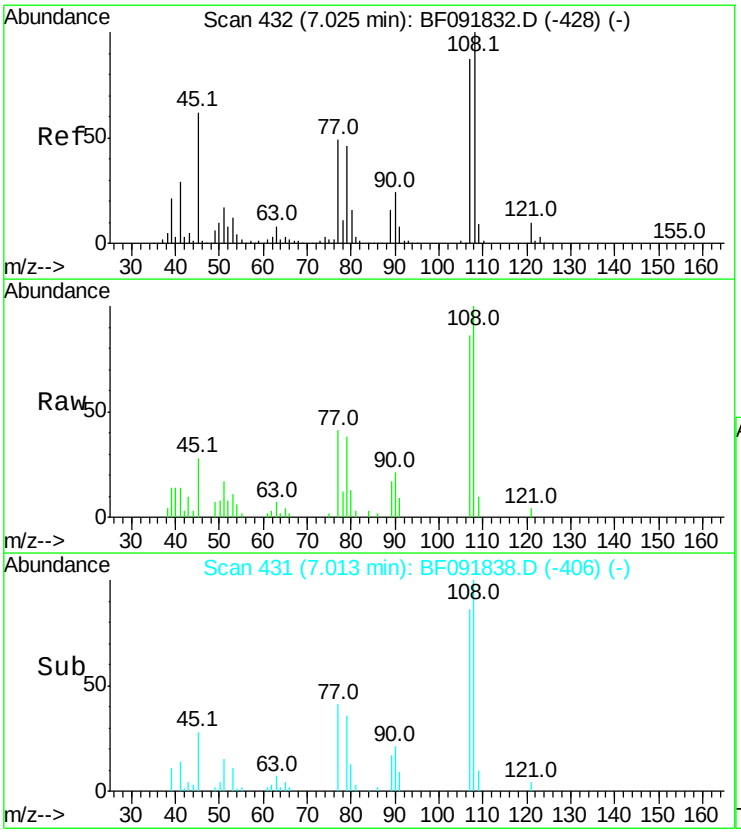
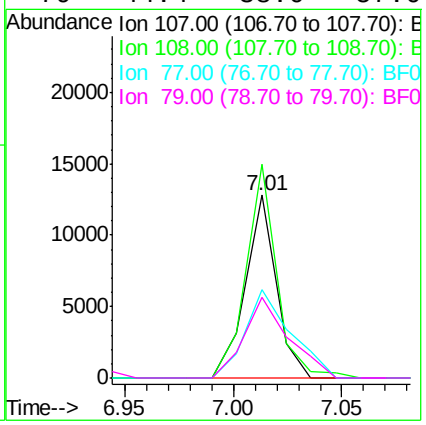
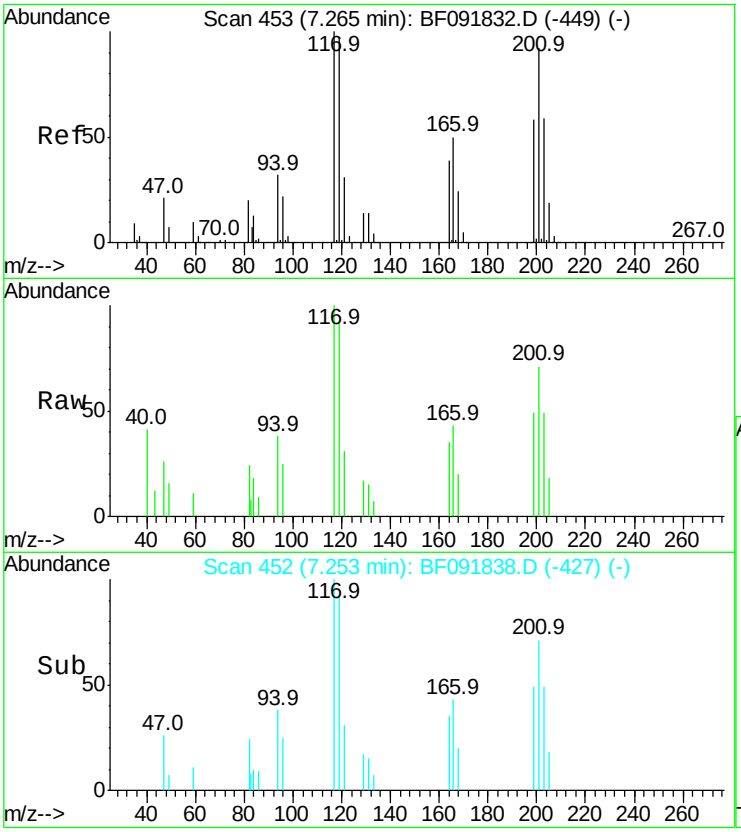


#17
2-Methylphenol
Concen: 0.97 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:107 Resp: 12591

Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	48.1	39.8	59.8
79	44.4	38.0	57.0

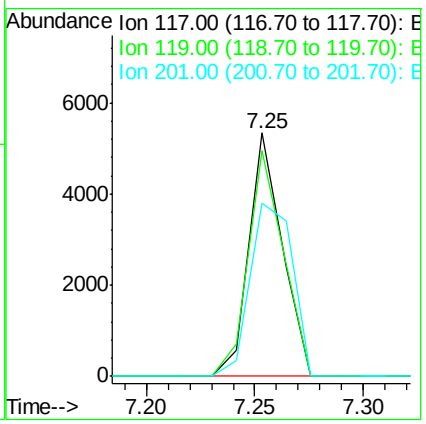




#18
Hexachloroethane
Concen: 0.87 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:117 Resp: 5697

Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.1	117.1
201	71.2	78.6	117.8#



Instrument :
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ClientSampleId :
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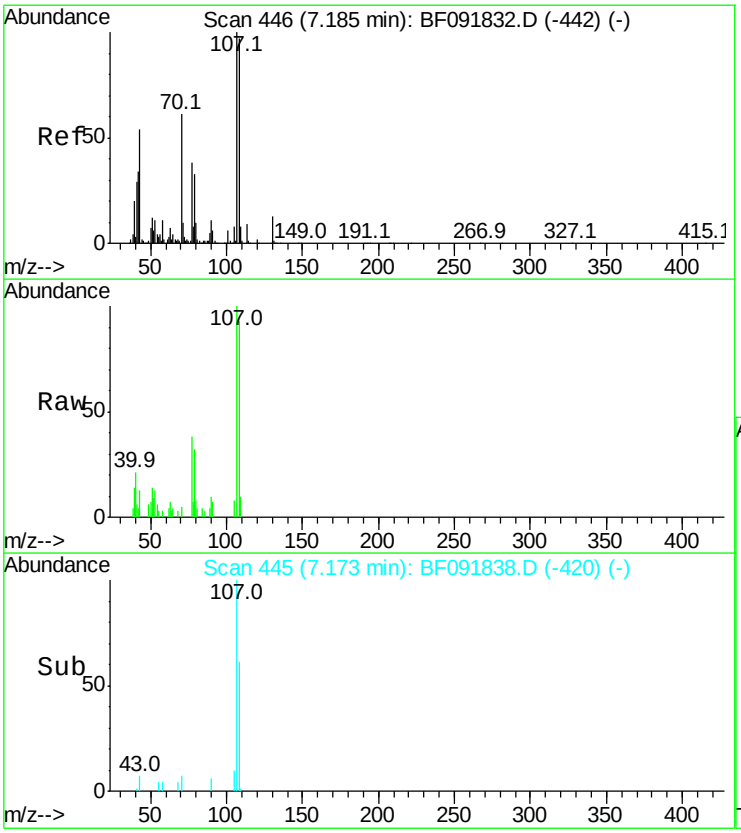
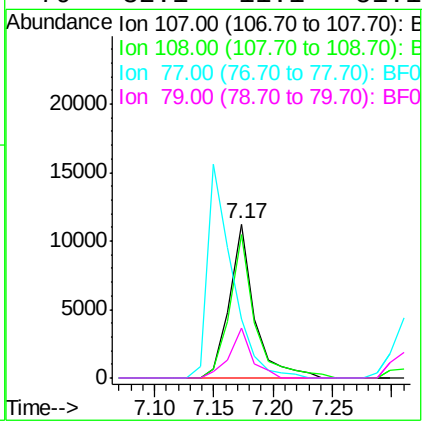
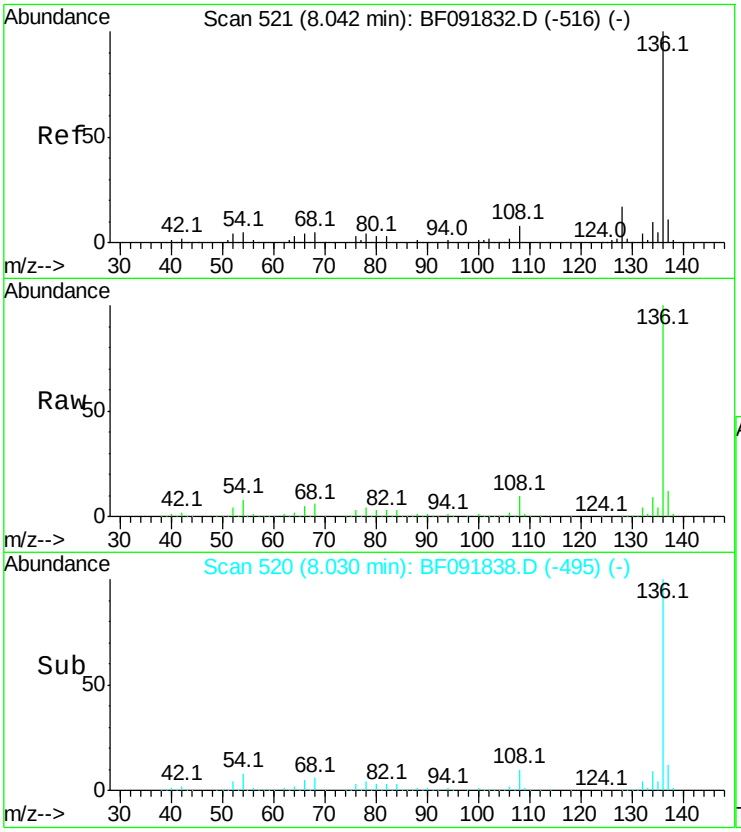


#20
3+4-Methylphenols
Concen: 1.06 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:107 Resp: 16559

Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.0	113.0
77	37.8	71.3	111.3#
79	32.1	11.1	51.1

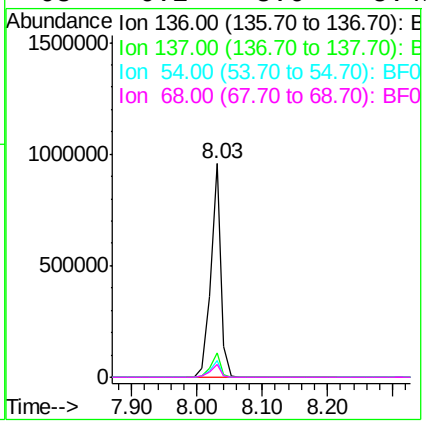




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:136 Resp: 1038285

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	7.9	4.5	6.7#
68	6.2	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
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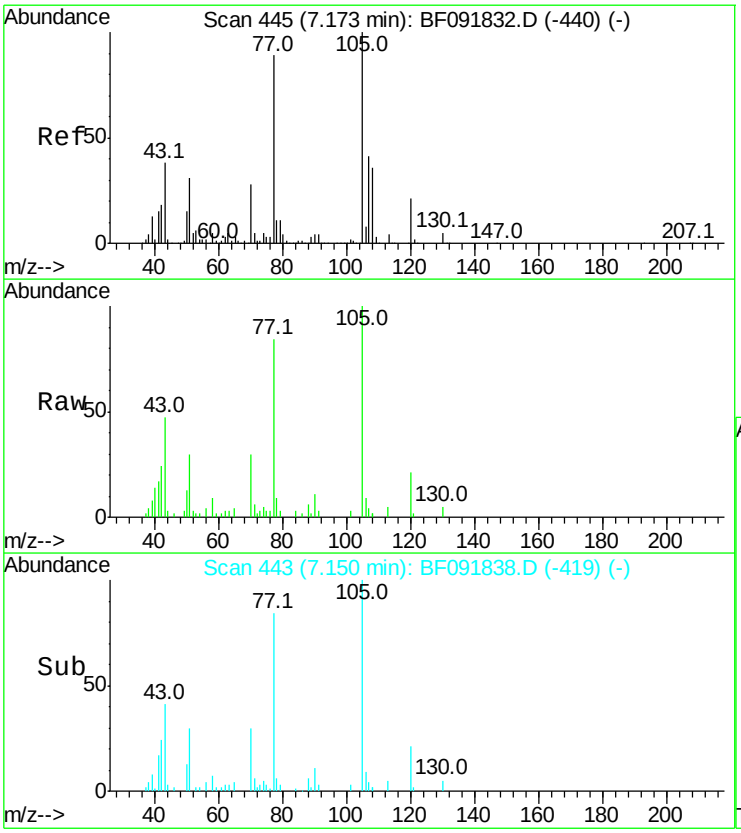
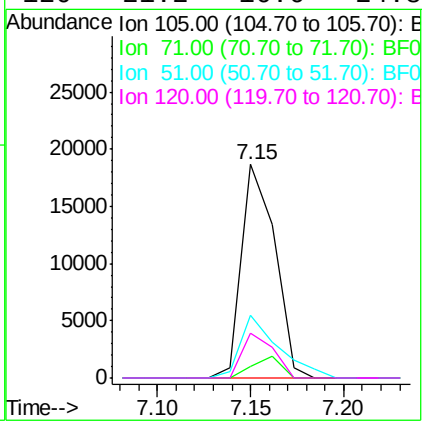
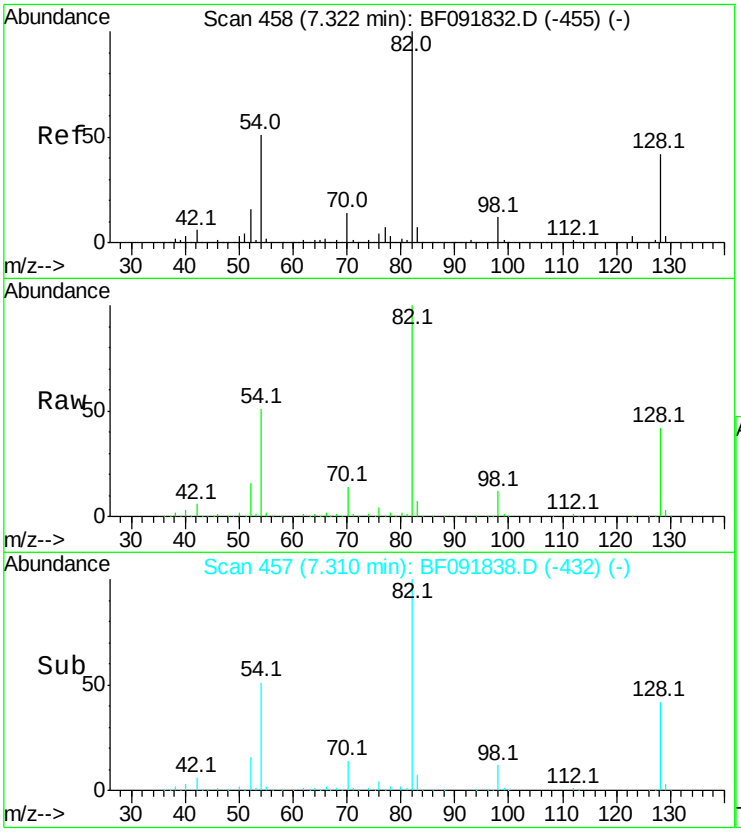


#22
Acetophenone
Concen: 0.91 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:105 Resp: 23242

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.2	4.8#
51	29.6	26.2	39.4
120	21.2	16.6	24.8

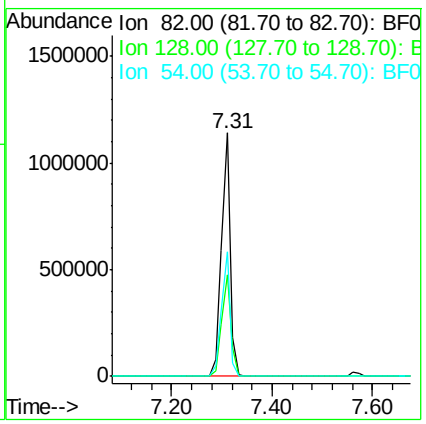




#23
Nitrobenzene-d5
Concen: 74.32 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 82 Resp: 1387732

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.9	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
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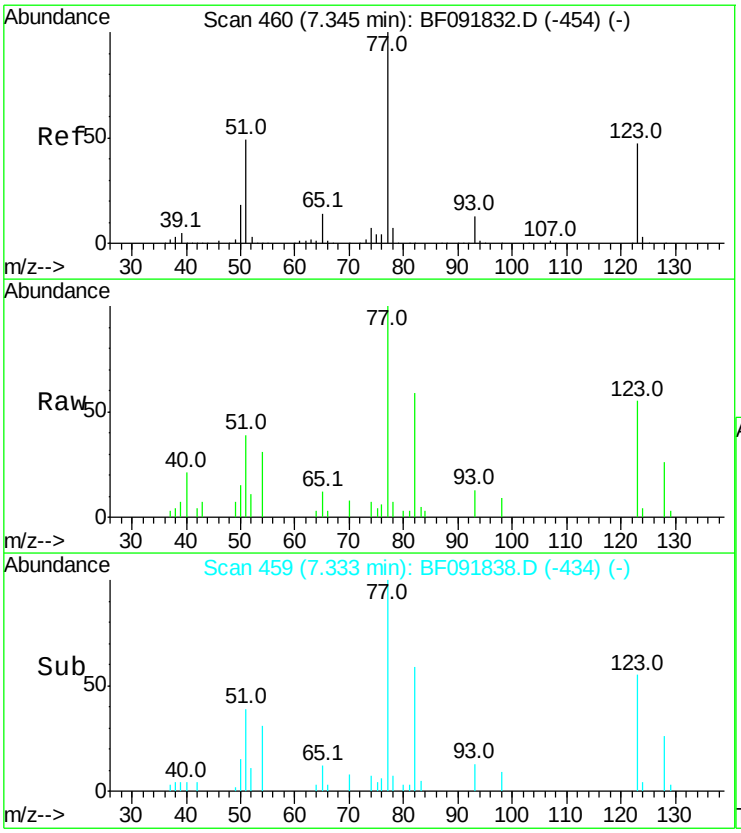
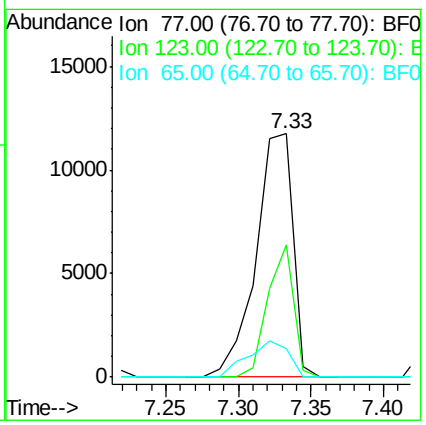
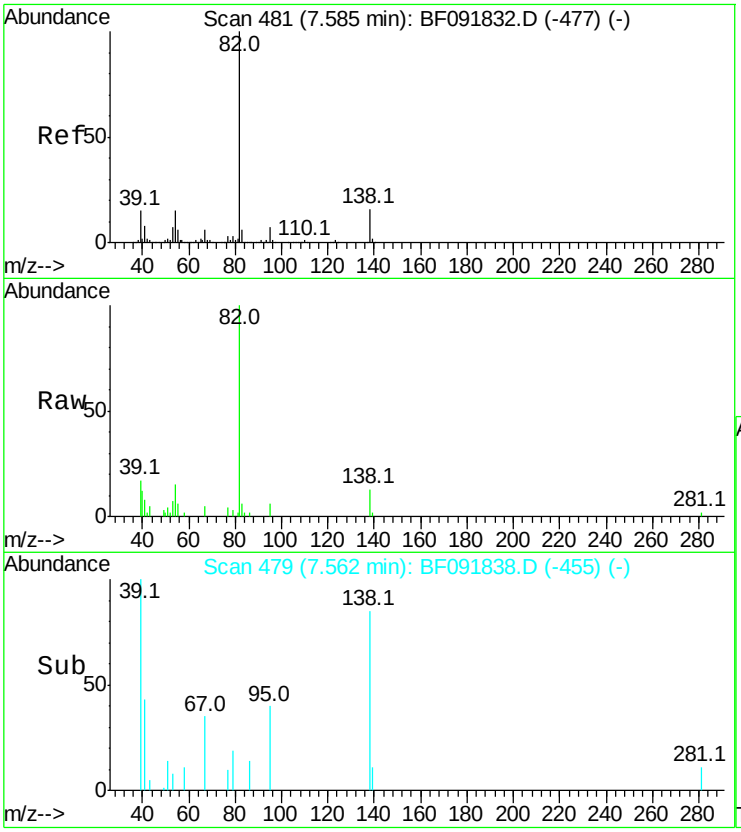


#24
Nitrobenzene
Concen: 1.05 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 77 Resp: 20826

Ion	Ratio	Lower	Upper
77	100		
123	54.6	33.0	49.4#
65	11.7	11.2	16.8

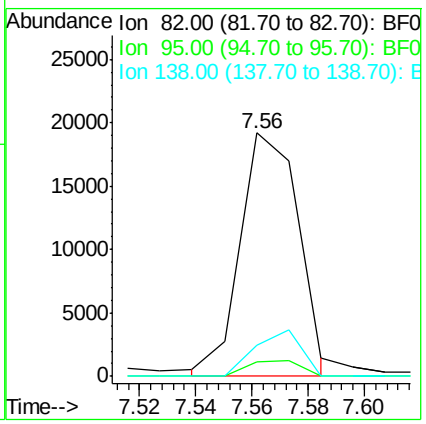




#25
Isophorone
Concen: 0.80 ng m
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 82 Resp: 27668

Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.6	8.4
138	12.8	14.6	22.0#



Instrument :
BNA_F
ClientSampleId :
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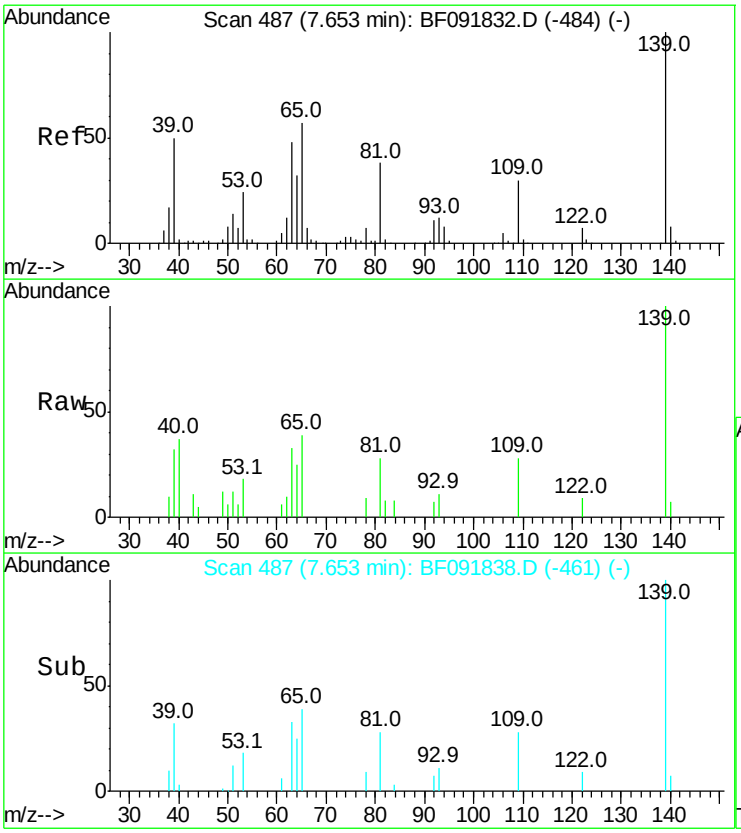
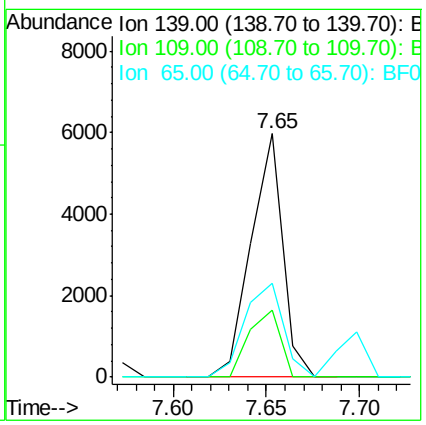
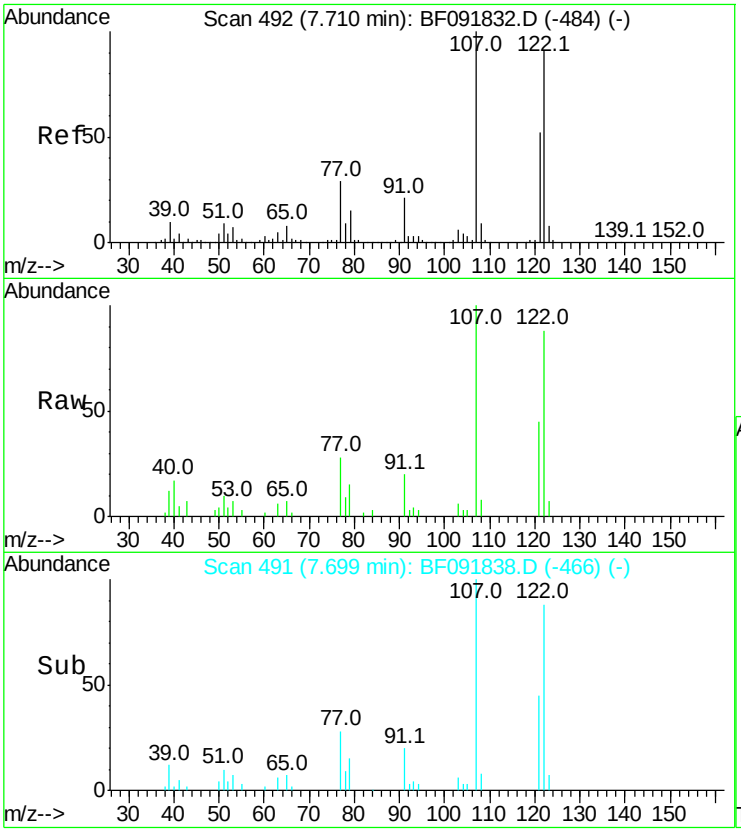


#26
2-Nitrophenol
Concen: 0.73 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:139 Resp: 7143

Ion	Ratio	Lower	Upper
139	100		
109	27.5	23.3	34.9
65	38.8	42.7	64.1#

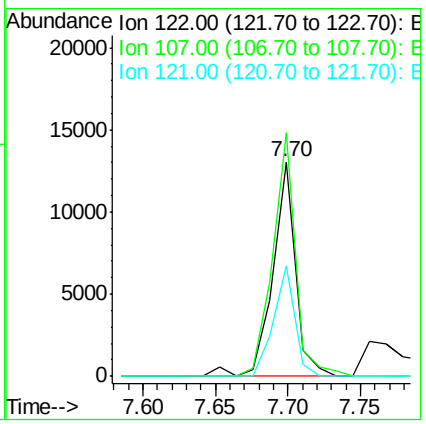




#27
2,4-Dimethylphenol
Concen: 0.87 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:122 Resp: 14178

Ion	Ratio	Lower	Upper
122	100		
107	113.5	94.1	141.1
121	51.4	46.0	69.0



Instrument :
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ClientSampleId :
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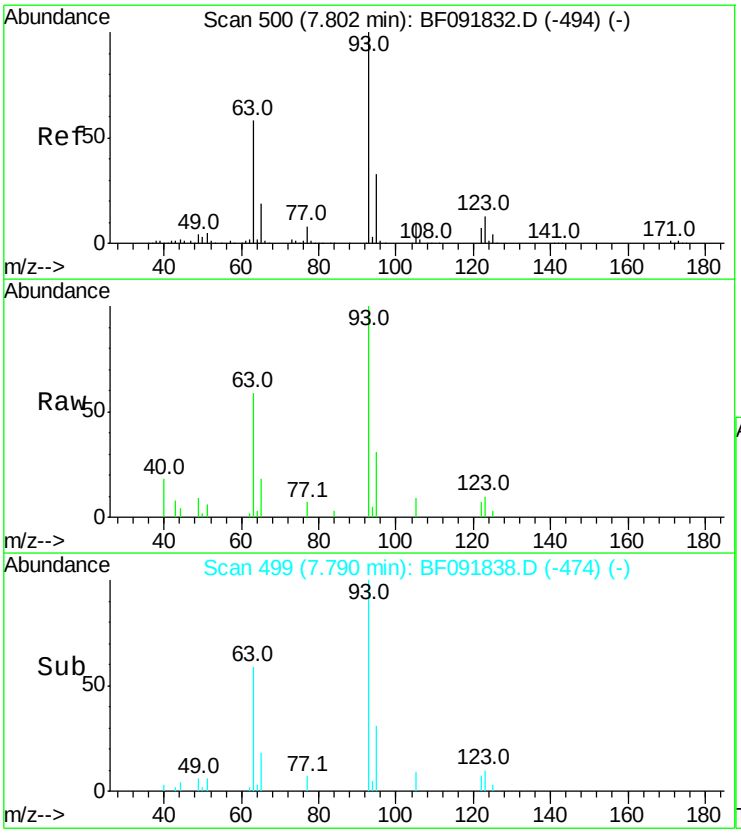
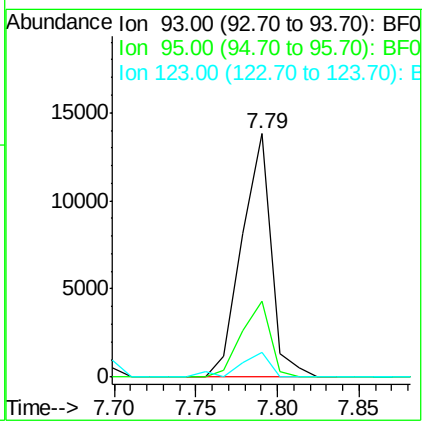
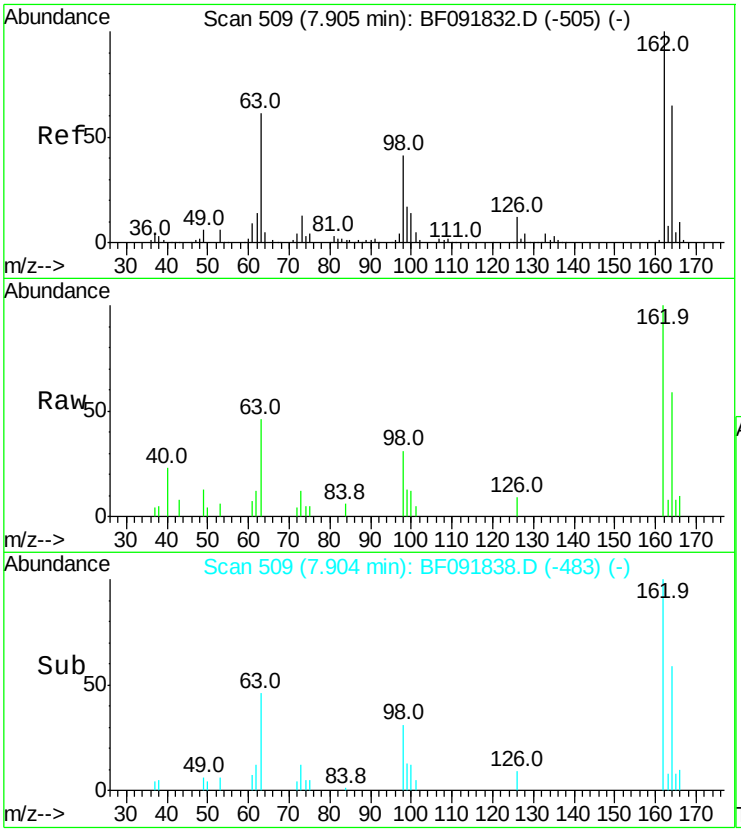


#28
bis(2-Chloroethoxy)methane
Concen: 0.82 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 93 Resp: 17148

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.5	39.7
123	10.2	8.6	13.0

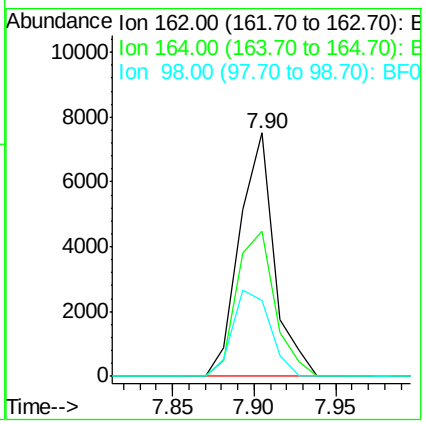




#29
2,4-Dichlorophenol
Concen: 0.80 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:162 Resp: 11028

Ion	Ratio	Lower	Upper
162	100		
164	59.4	46.8	86.8
98	31.1	9.1	49.1



Instrument :
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ClientSampleId :
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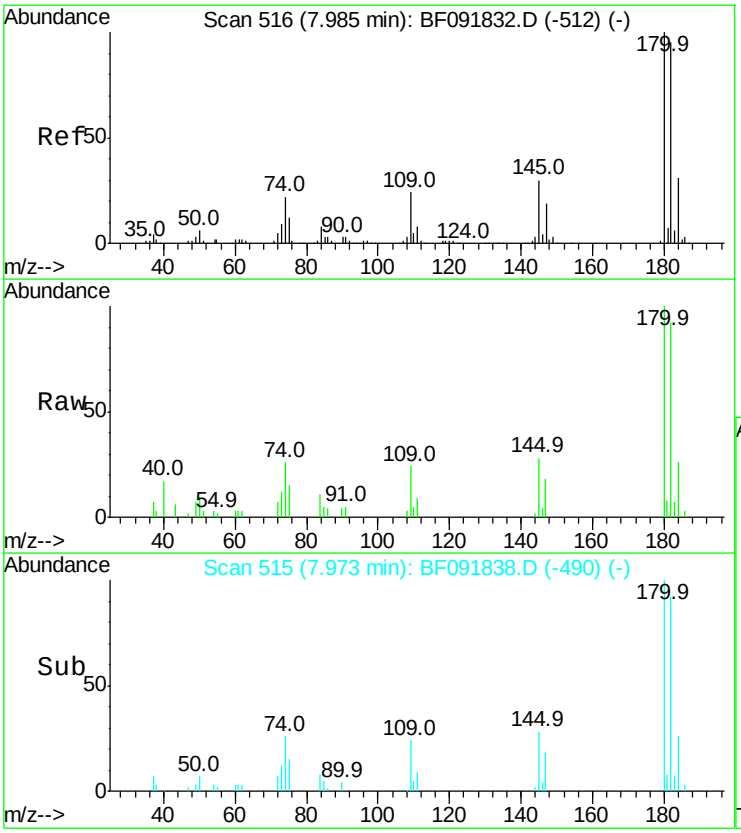
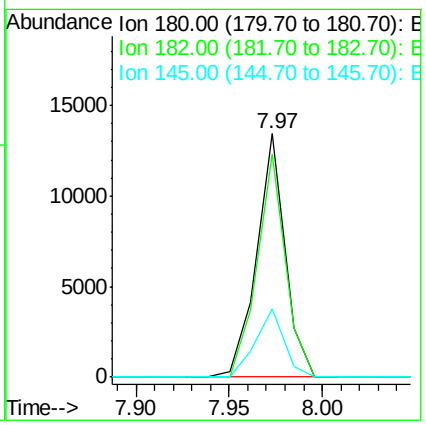
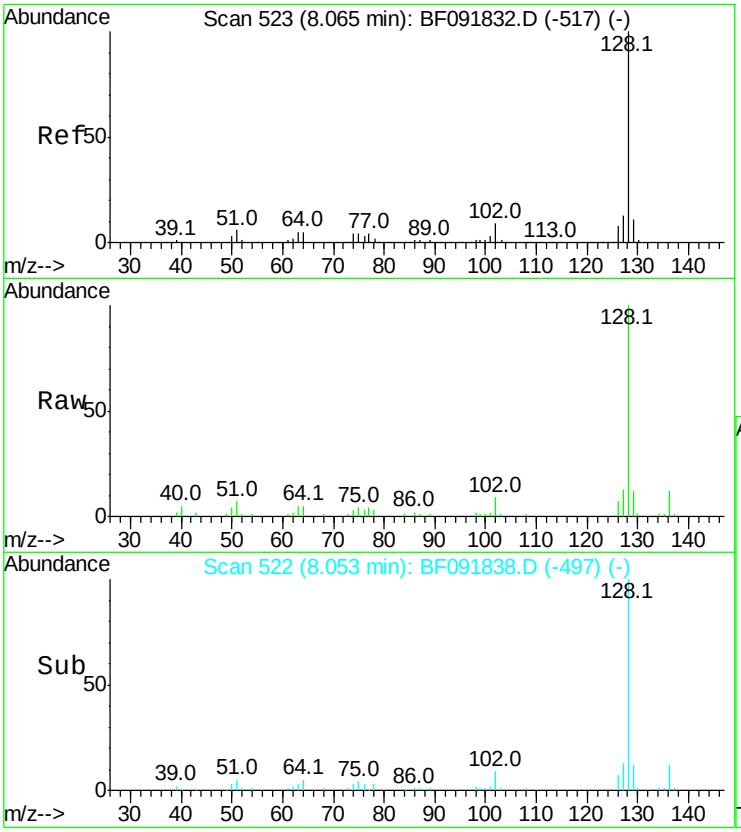


#30
1,2,4-Trichlorobenzene
Concen: 0.94 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:180 Resp: 14122

Ion	Ratio	Lower	Upper
180	100		
182	91.6	78.2	117.4
145	27.8	21.6	32.4

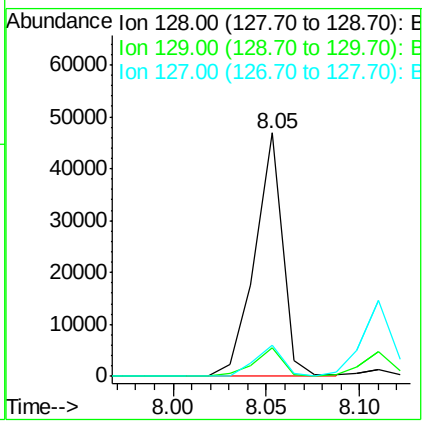




#31
Naphthalene
Concen: 1.02 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:128 Resp: 48359

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	12.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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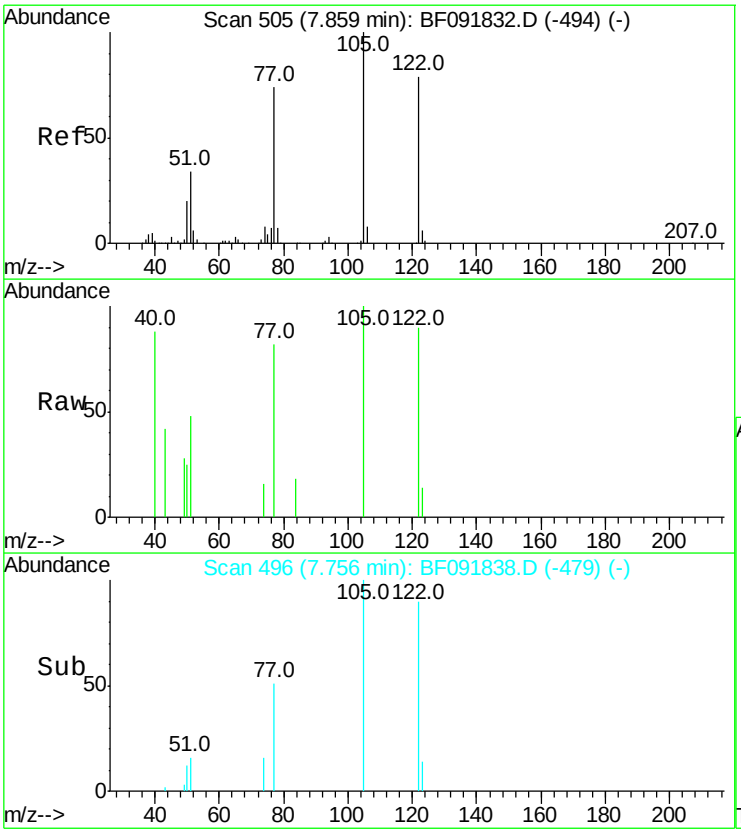
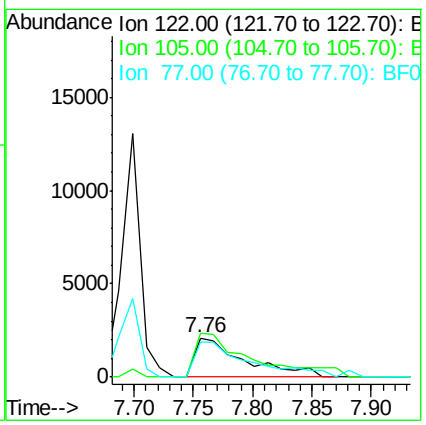
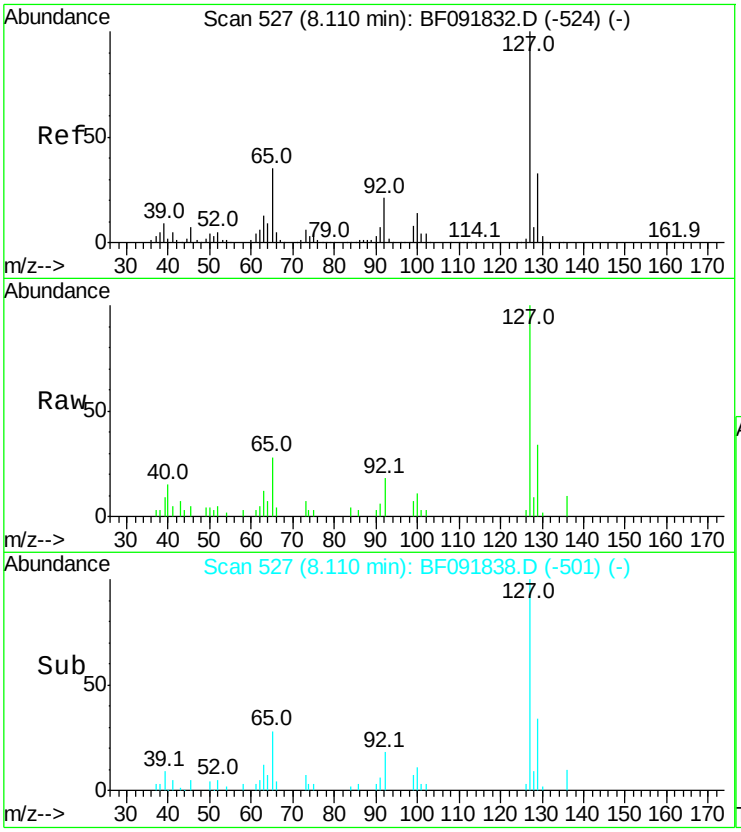


#32
Benzoic acid
Concen: 0.51 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.10 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:122 Resp: 6105

Ion	Ratio	Lower	Upper
122	100		
105	110.8	107.2	147.2
77	90.7	74.5	114.5

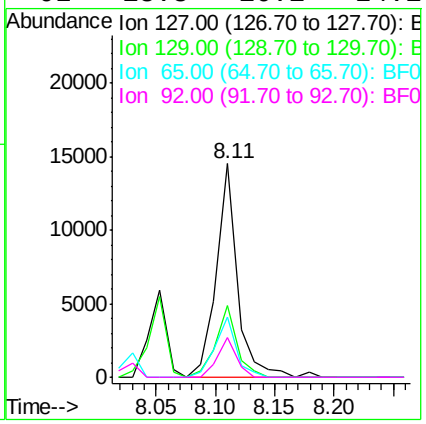




#33
4-Chloroaniline
Concen: 0.83 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:127 Resp: 17858

Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	28.0	25.8	38.8
92	18.3	16.1	24.1



Instrument :
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ClientSampleId :
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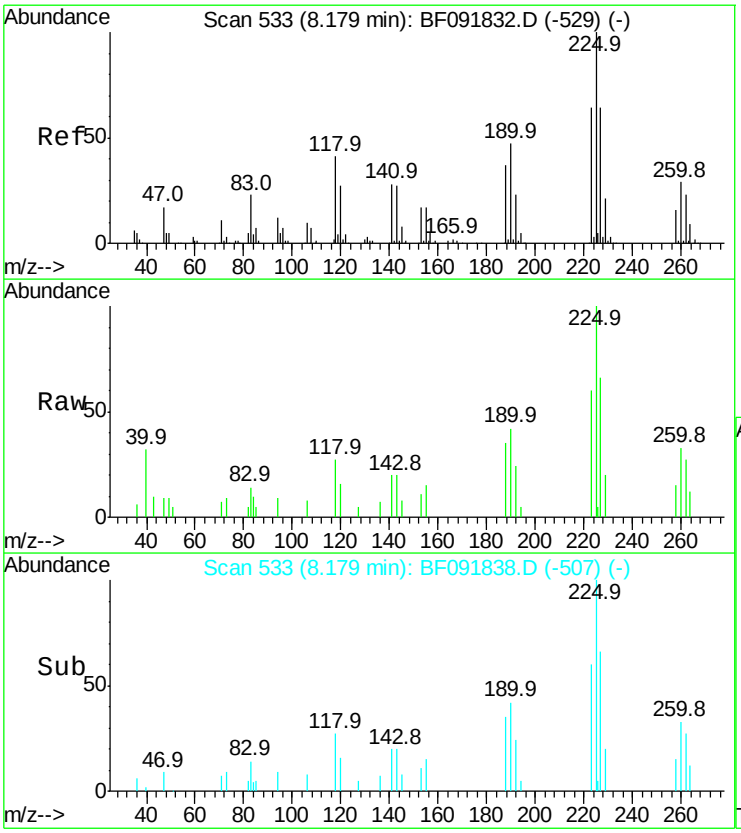
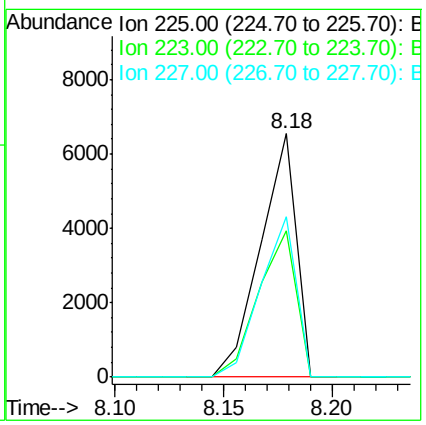
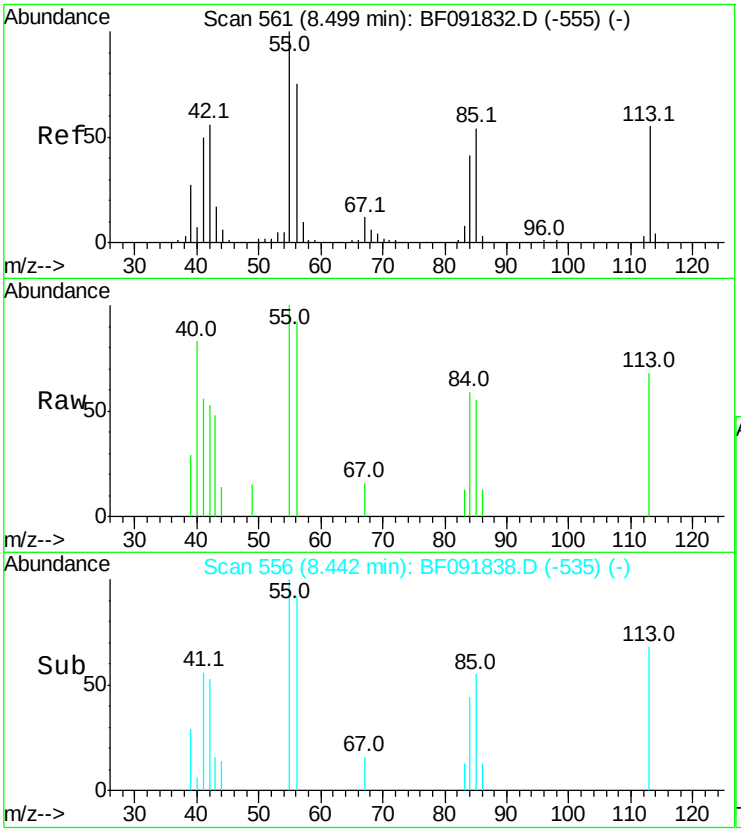


#34
Hexachlorobutadiene
Concen: 0.95 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:225 Resp: 7586

Ion	Ratio	Lower	Upper
225	100		
223	60.0	51.0	76.6
227	66.0	50.6	76.0

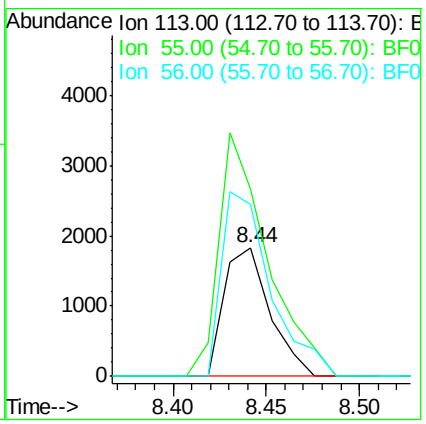




#35
Caprolactam
Concen: 0.69 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:113 Resp: 3125

Ion	Ratio	Lower	Upper
113	100		
55	146.0	119.2	159.2
56	133.8	83.8	123.8#



Instrument :
BNA_F
ClientSampleId :
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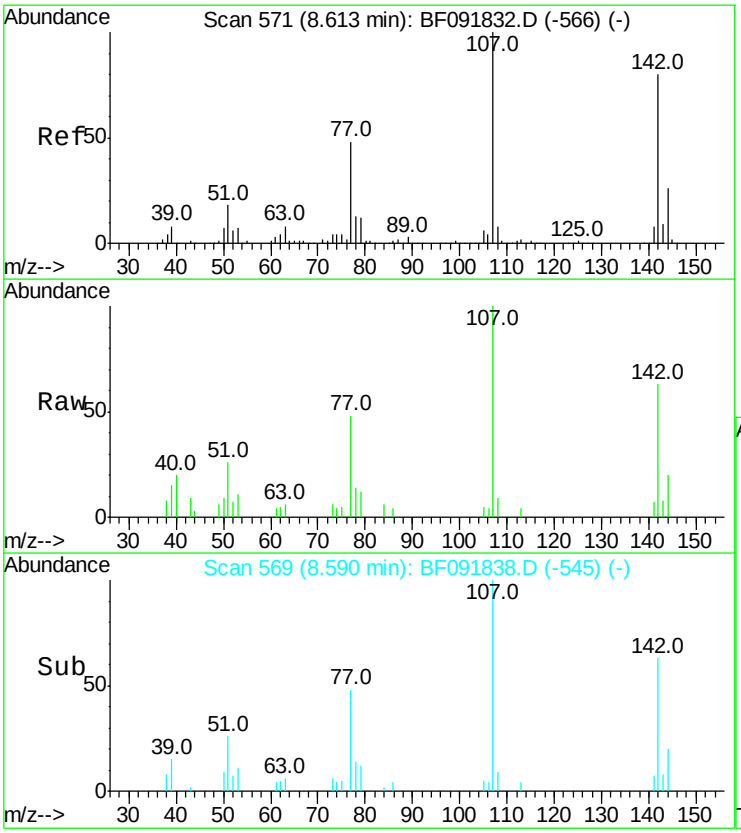
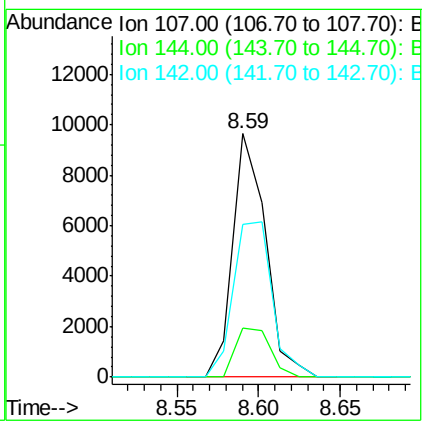
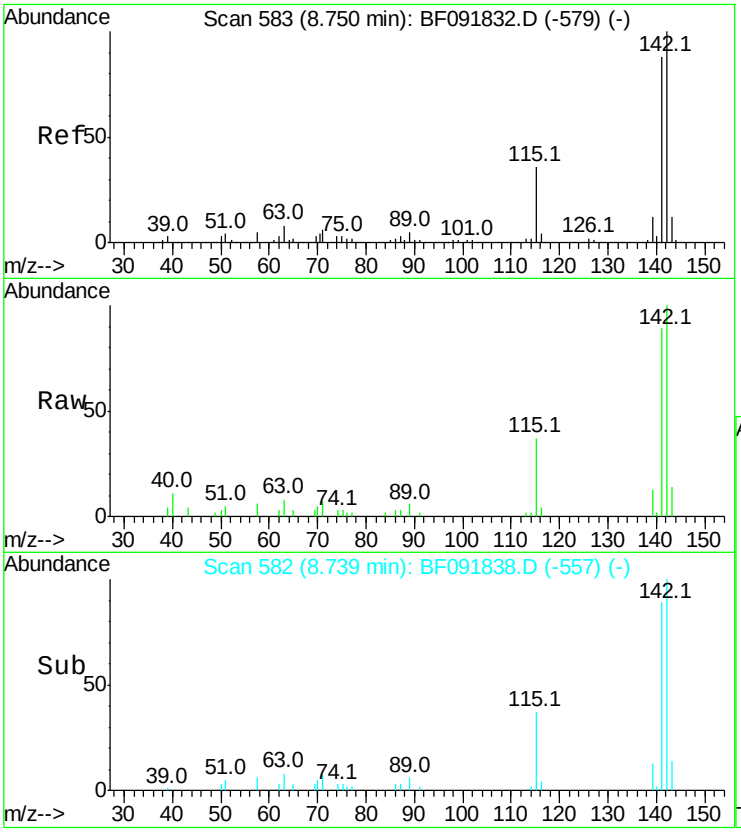


#36
4-Chloro-3-methylphenol
Concen: 0.85 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:107 Resp: 13397

Ion	Ratio	Lower	Upper
107	100		
144	20.0	19.3	28.9
142	62.7	59.0	88.6

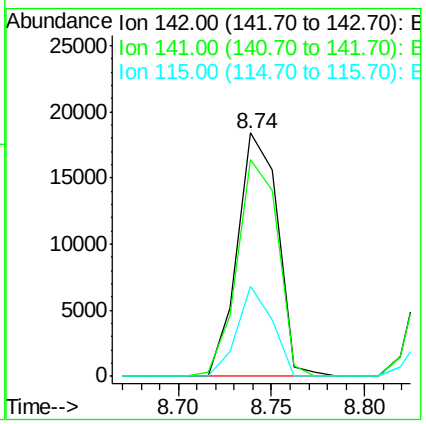




#37
2-Methylnaphthalene
Concen: 0.35 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:142 Resp: 27669

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	36.8	28.3	42.5



Instrument :
BNA_F
ClientSampleId :
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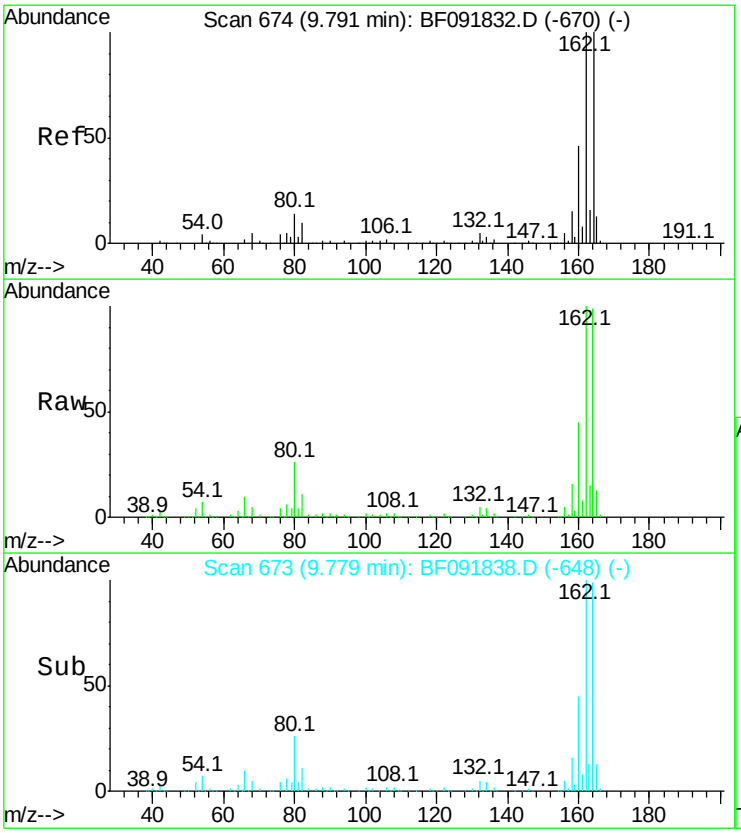
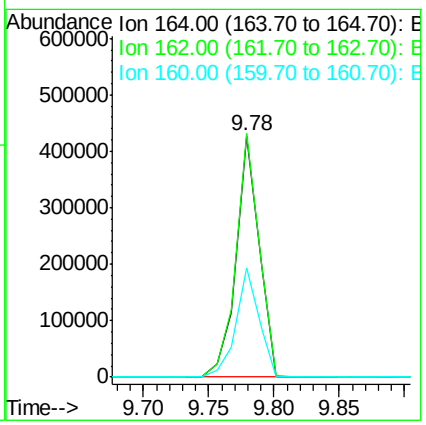
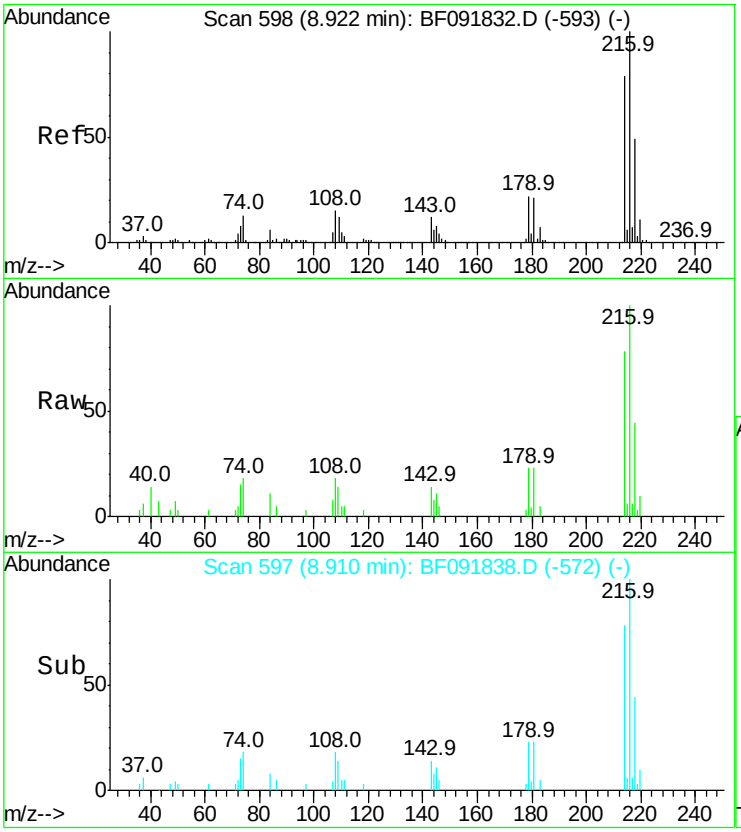


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:164 Resp: 522420

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	45.3	36.9	55.3

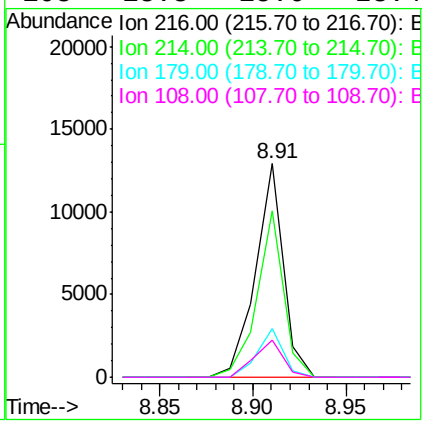




#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.02 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:216 Resp: 13507

Ion	Ratio	Lower	Upper
216	100		
214	75.0	63.4	95.0
179	21.1	17.4	26.2
108	18.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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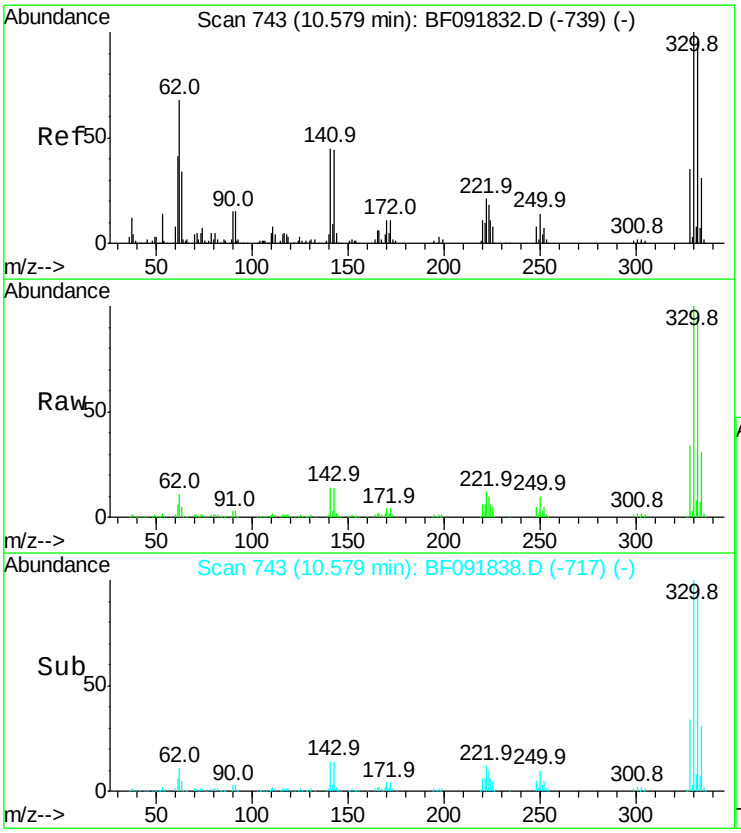
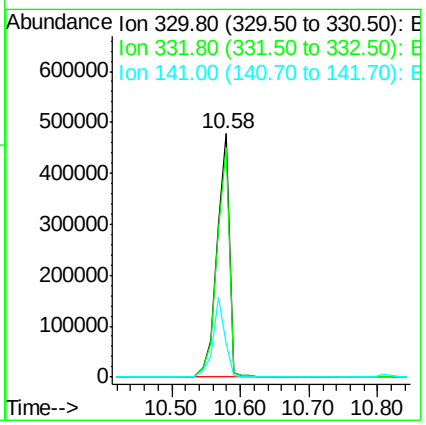
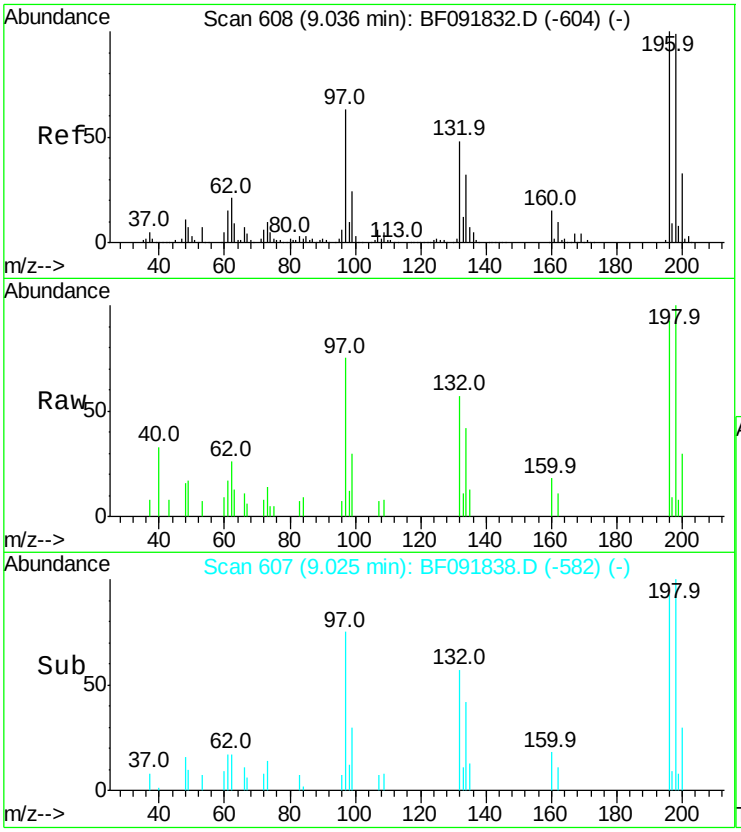


#41
2,4,6-Tribromophenol
Concen: 141.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:330 Resp: 610598

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	31.8	34.1	51.1#

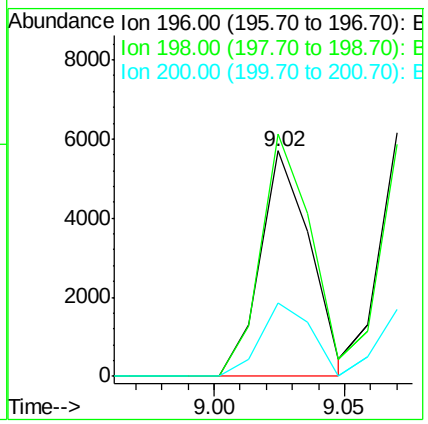




#42
2,4,6-Trichlorophenol
Concen: 0.83 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:196 Resp: 7636

Ion	Ratio	Lower	Upper
196	100		
198	107.4	82.1	123.1
200	32.5	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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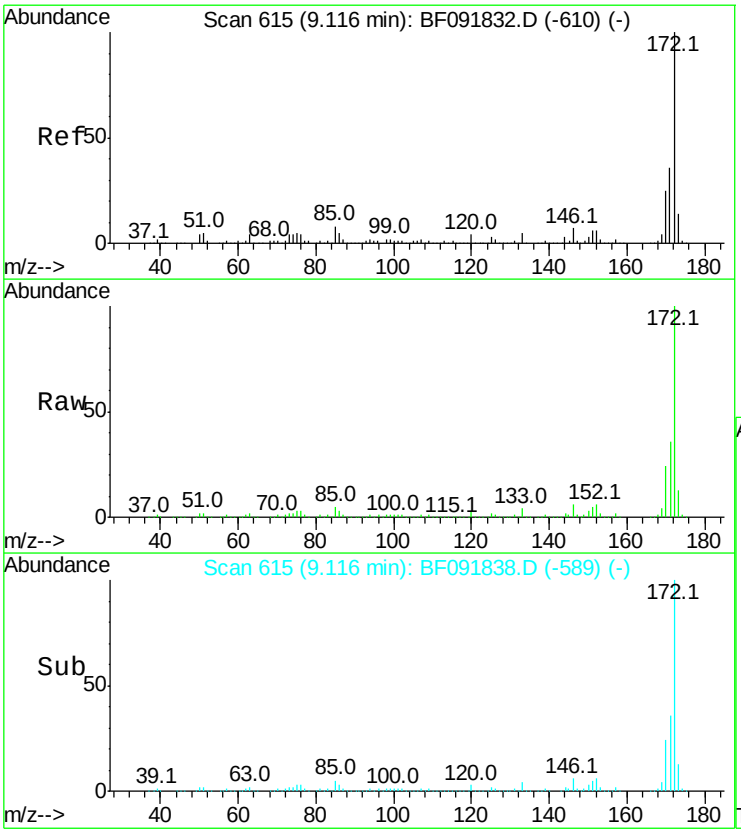
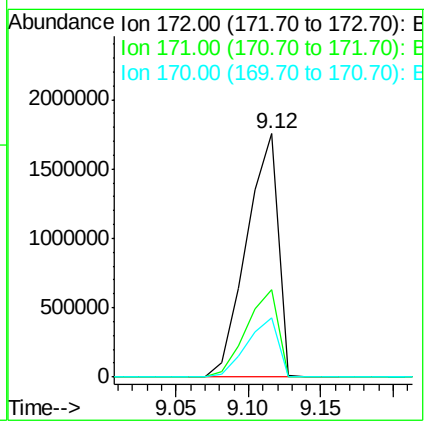
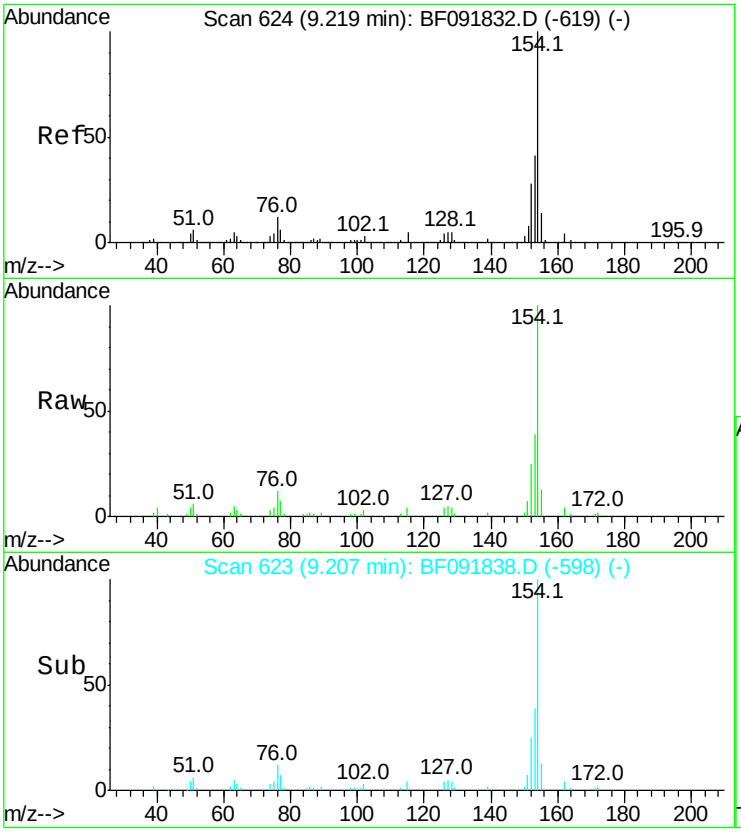


#44
2-Fluorobiphenyl
Concen: 107.59 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:172 Resp: 2655908

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.5	20.2	30.4

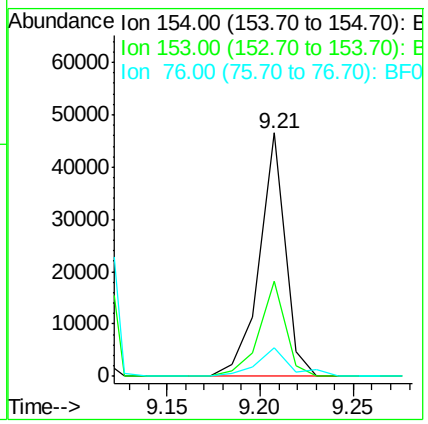




#45
1,1'-Biphenyl
Concen: 1.25 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:154 Resp: 44671

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.9	60.9
76	12.0	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
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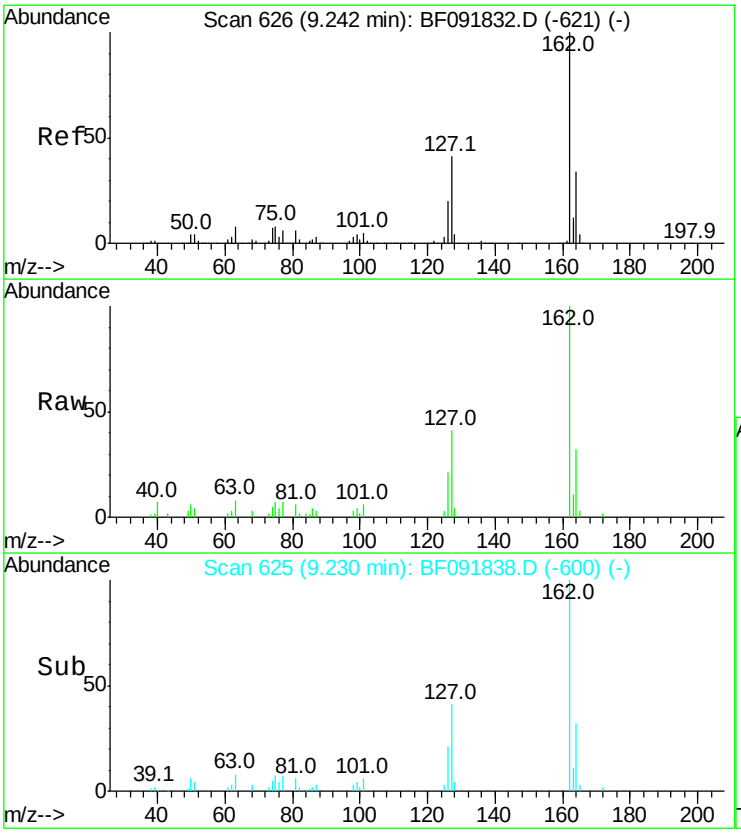
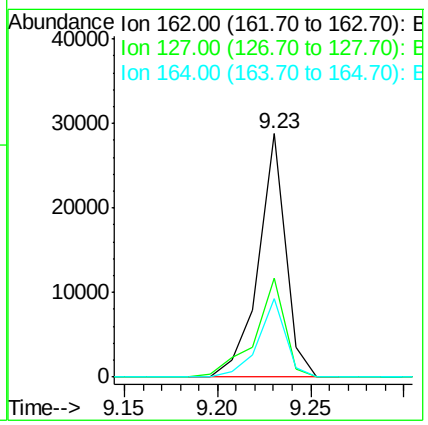
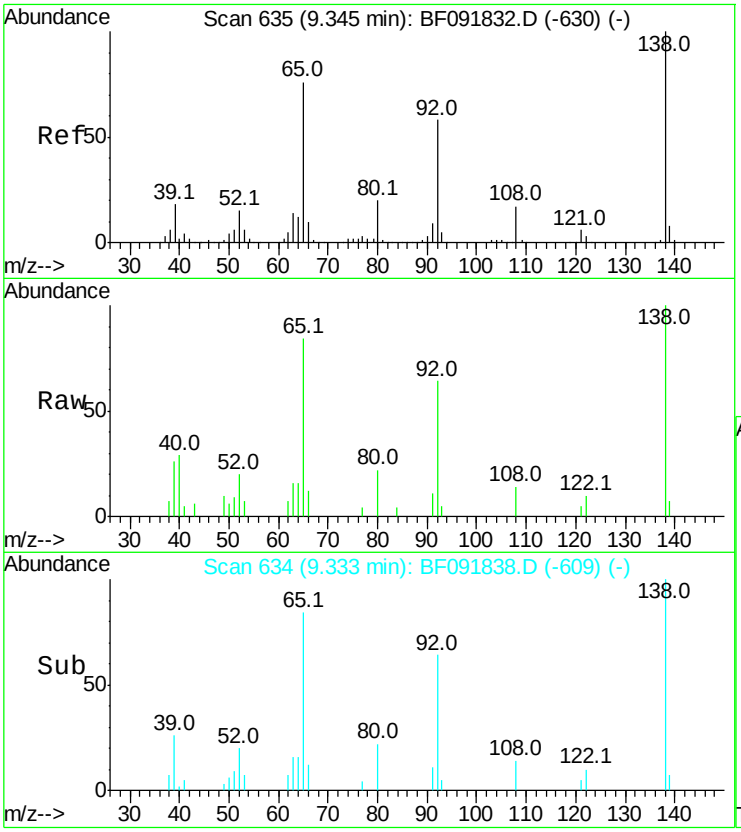


#46
2-Chloronaphthalene
Concen: 1.02 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:162 Resp: 28993

Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	32.2	27.6	41.4

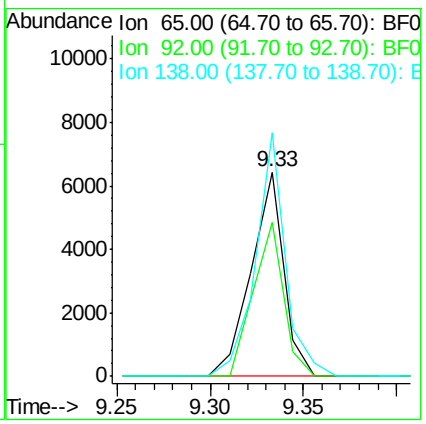




#47
2-Nitroaniline
Concen: 0.78 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 65 Resp: 7896

Ion	Ratio	Lower	Upper
65	100		
92	75.7	53.9	80.9
138	119.1	76.8	115.2#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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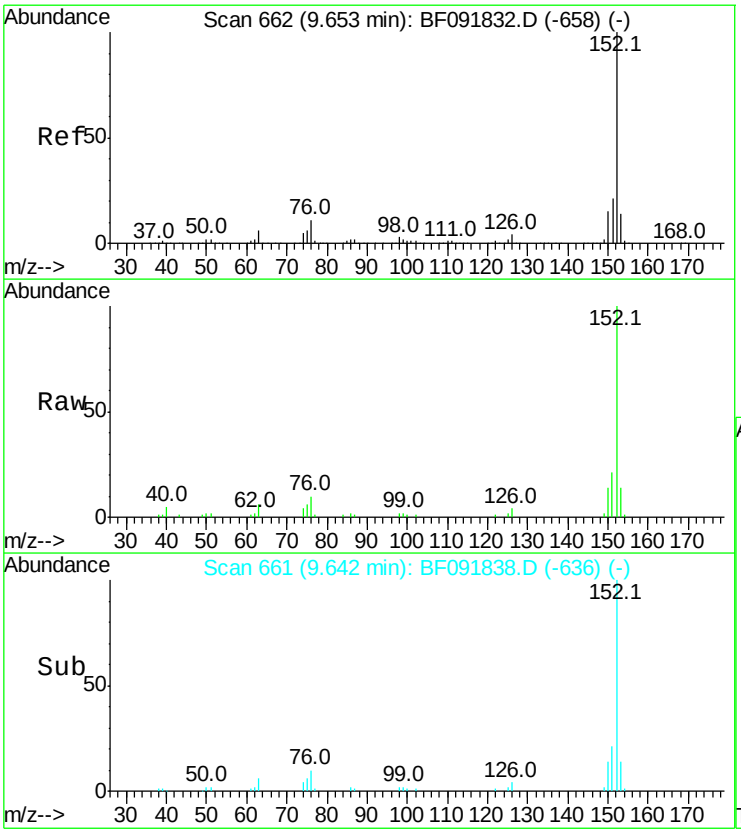
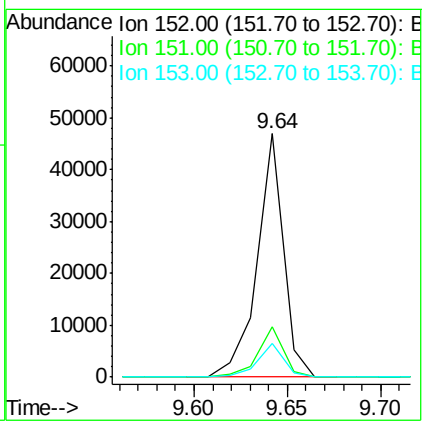
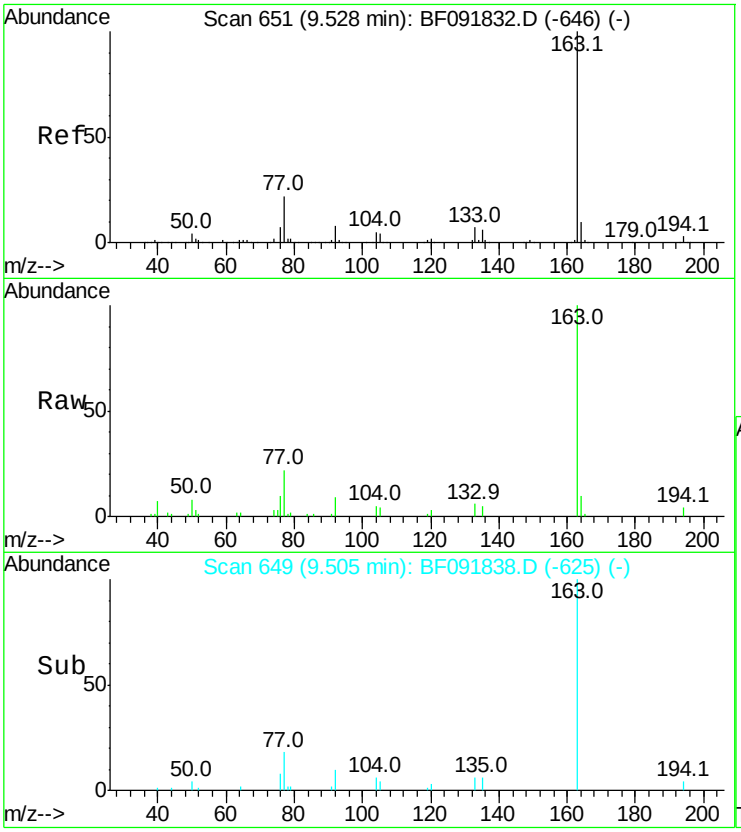


#48
Acenaphthylene
Concen: 1.04 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:152 Resp: 45526

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.1	11.4	17.2

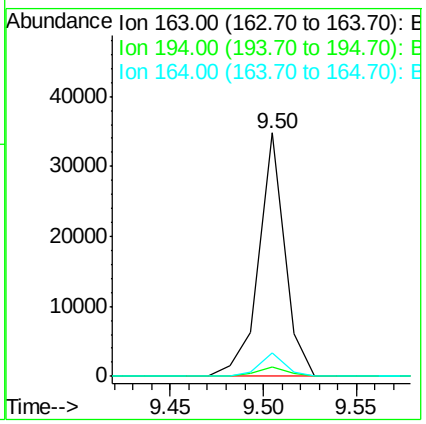




#49
Dimethylphthalate
Concen: 1.00 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:163 Resp: 33429

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.6	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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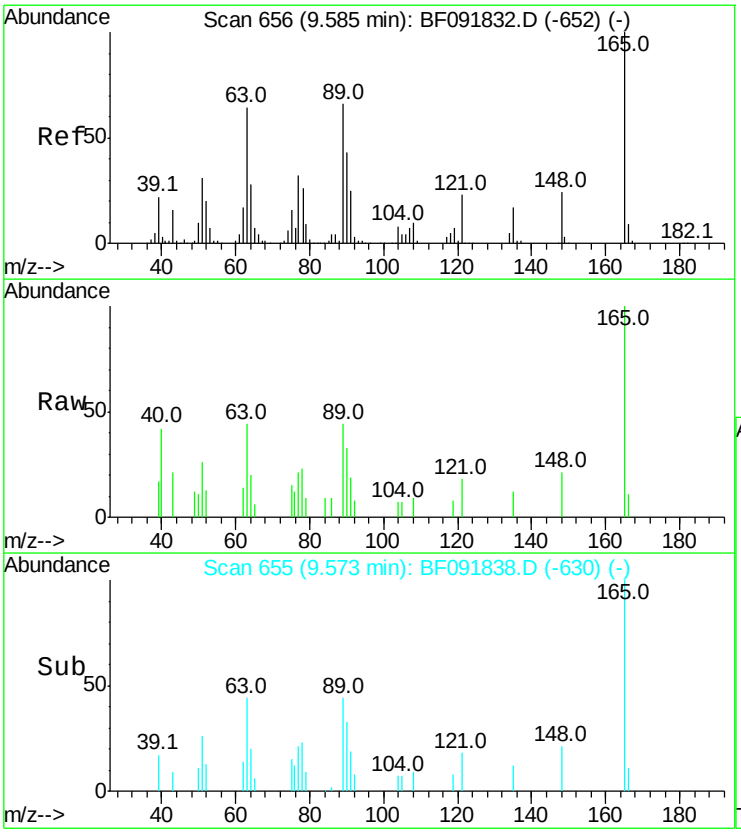
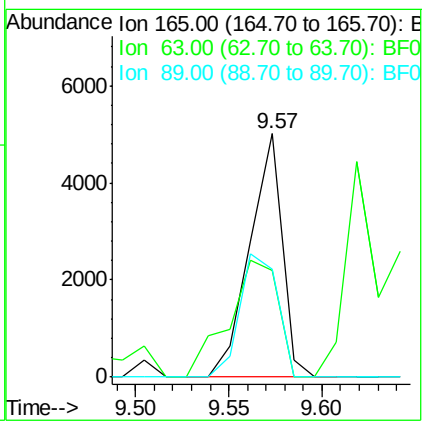
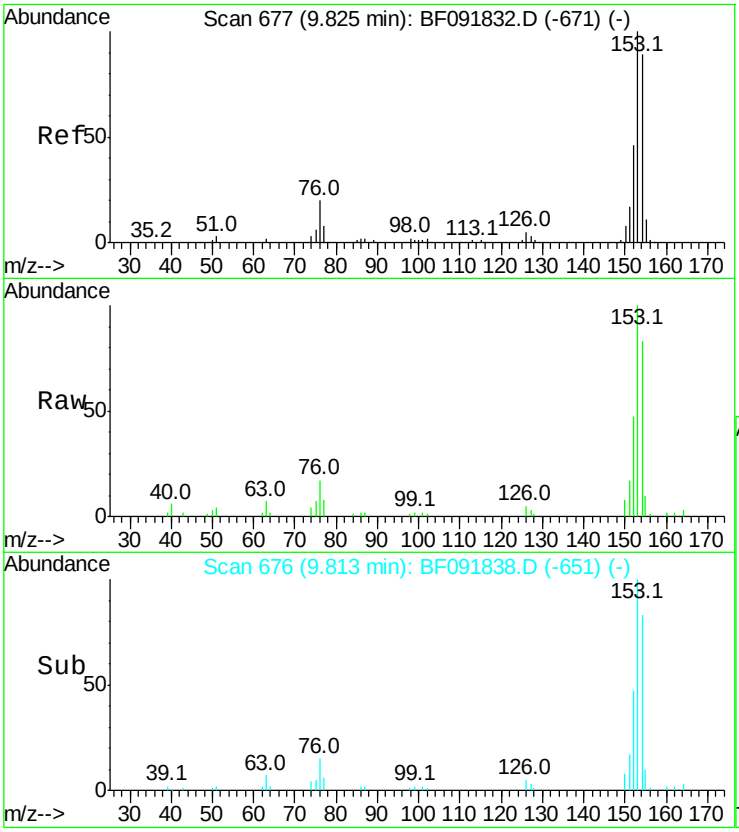


#50
2,6-Dinitrotoluene
Concen: 0.82 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:165 Resp: 6032

Ion	Ratio	Lower	Upper
165	100		
63	43.9	36.2	54.4
89	44.2	40.2	60.4

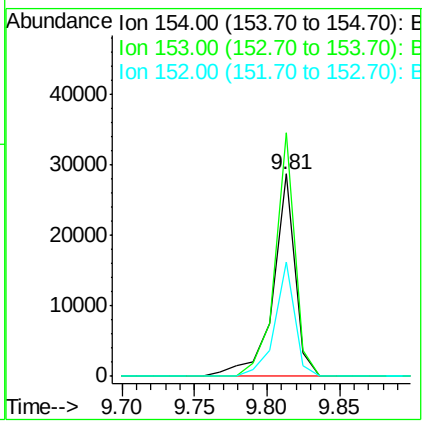




#51
Acenaphthene
Concen: 1.01 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:154 Resp: 29934

Ion	Ratio	Lower	Upper
154	100		
153	120.3	88.6	133.0
152	56.7	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
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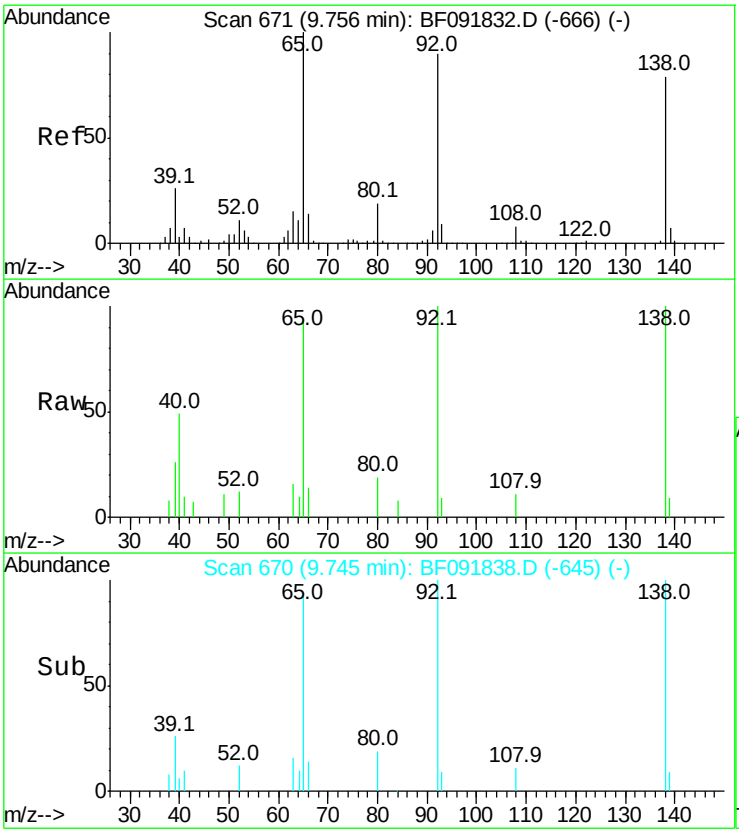
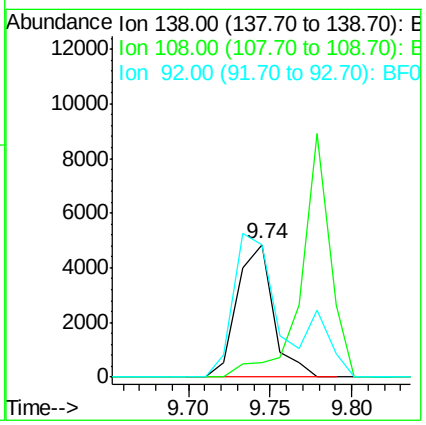
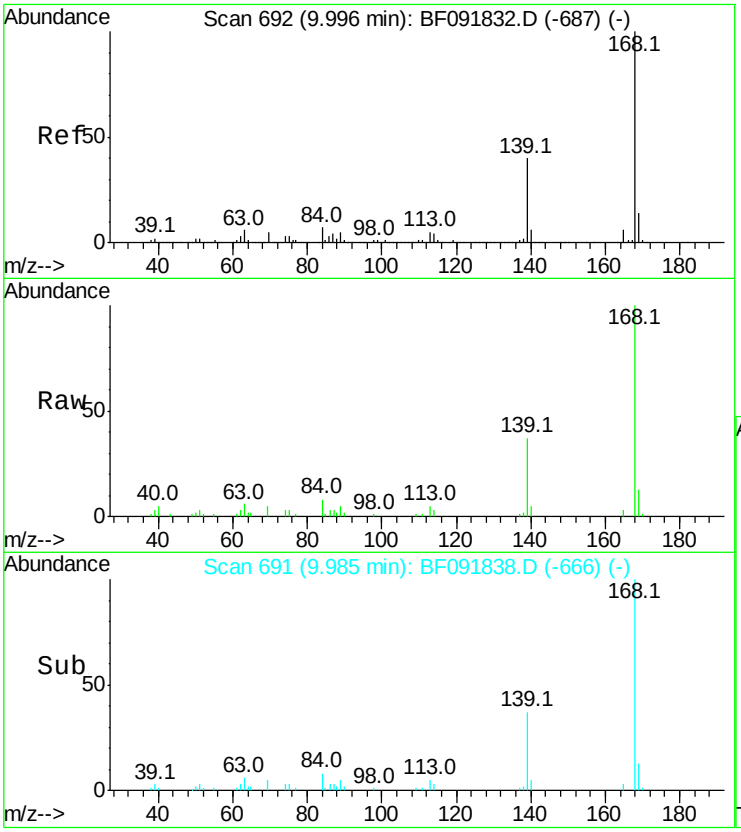


#52
3-Nitroaniline
Concen: 0.82 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:138 Resp: 7412

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.5	12.7
92	100.1	97.8	146.8

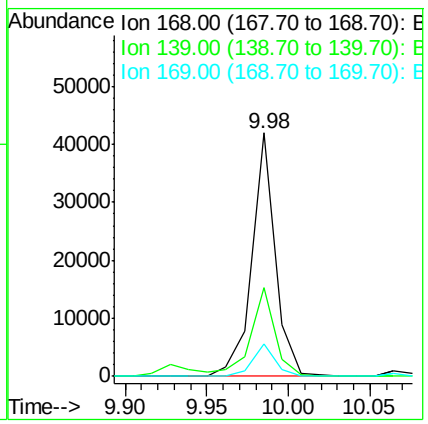




#54
Dibenzofuran
Concen: 1.05 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:168 Resp: 42047

Ion	Ratio	Lower	Upper
168	100		
139	36.5	32.6	49.0
169	13.2	11.3	16.9



Instrument :
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ClientSampleId :
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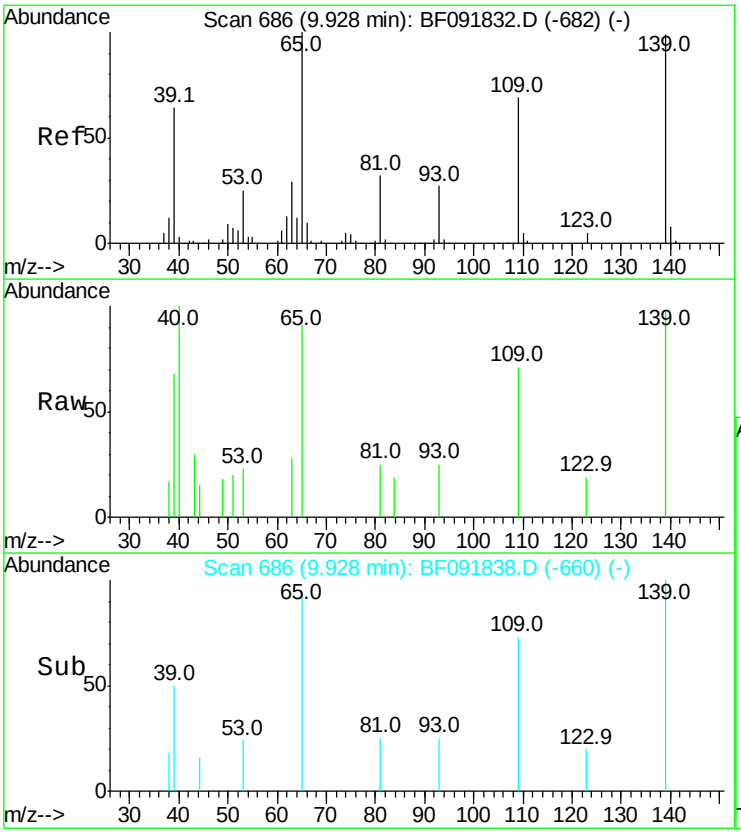
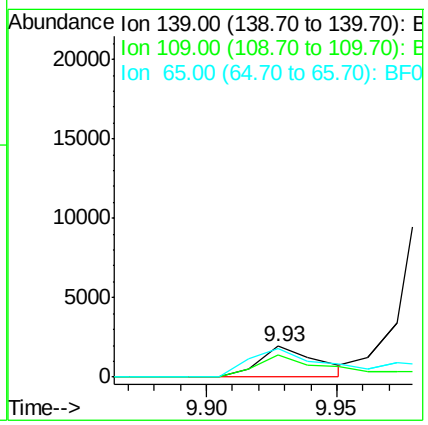
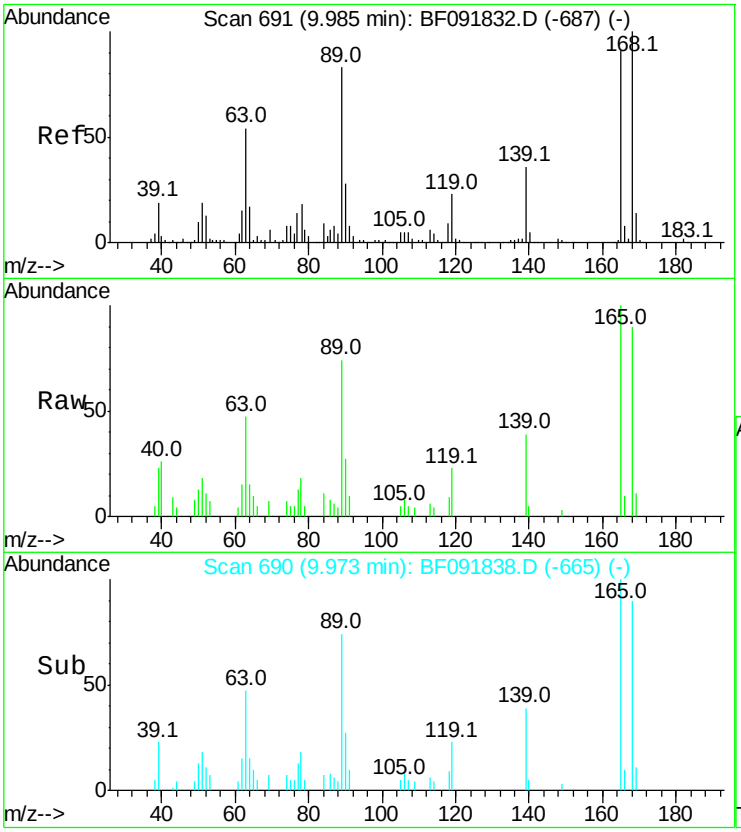


#55
4-Nitrophenol
Concen: 0.50 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:139 Resp: 3047

Ion	Ratio	Lower	Upper
139	100		
109	72.7	52.2	92.2
65	93.0	85.8	125.8

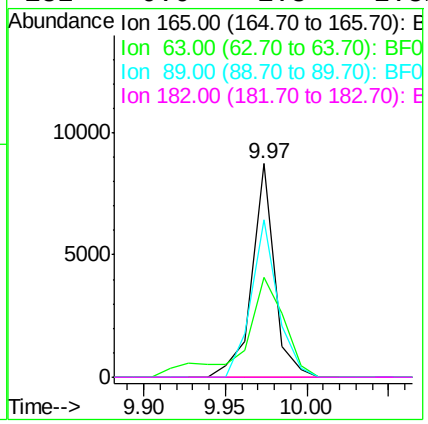




#56
2,4-Dinitrotoluene
Concen: 0.91 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:165 Resp: 8380

Ion	Ratio	Lower	Upper
165	100		
63	46.9	40.2	60.4
89	73.9	62.5	93.7
182	0.0	1.8	2.8#



Instrument :
BNA_F
ClientSampleId :
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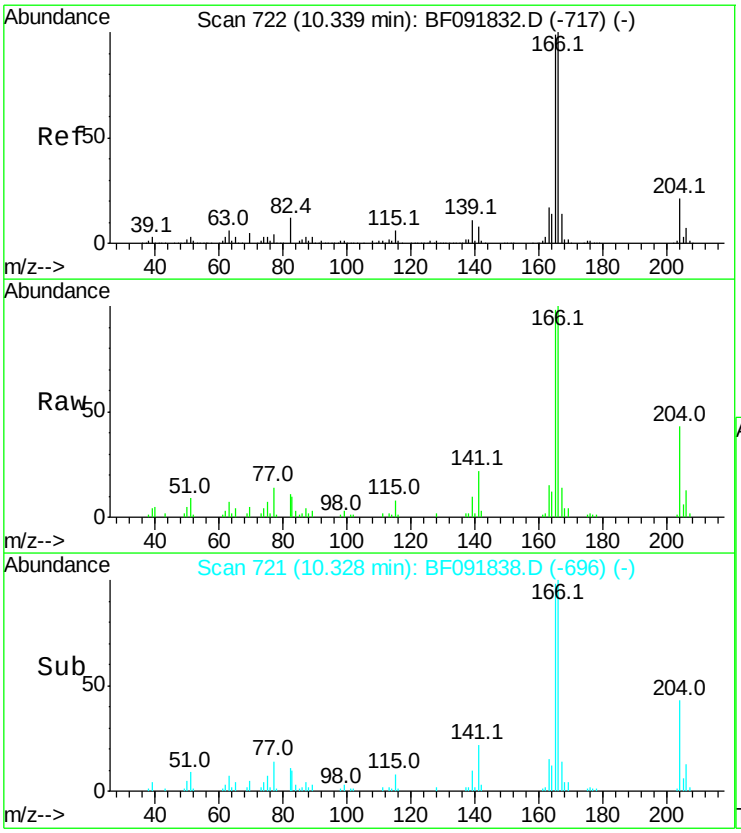
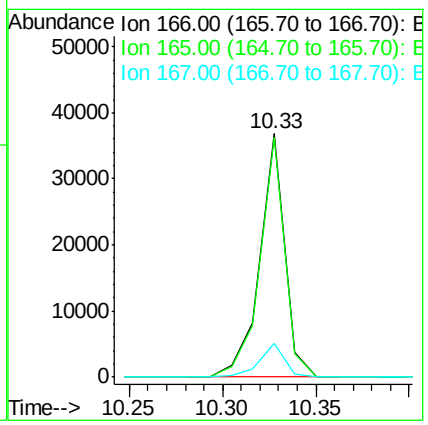
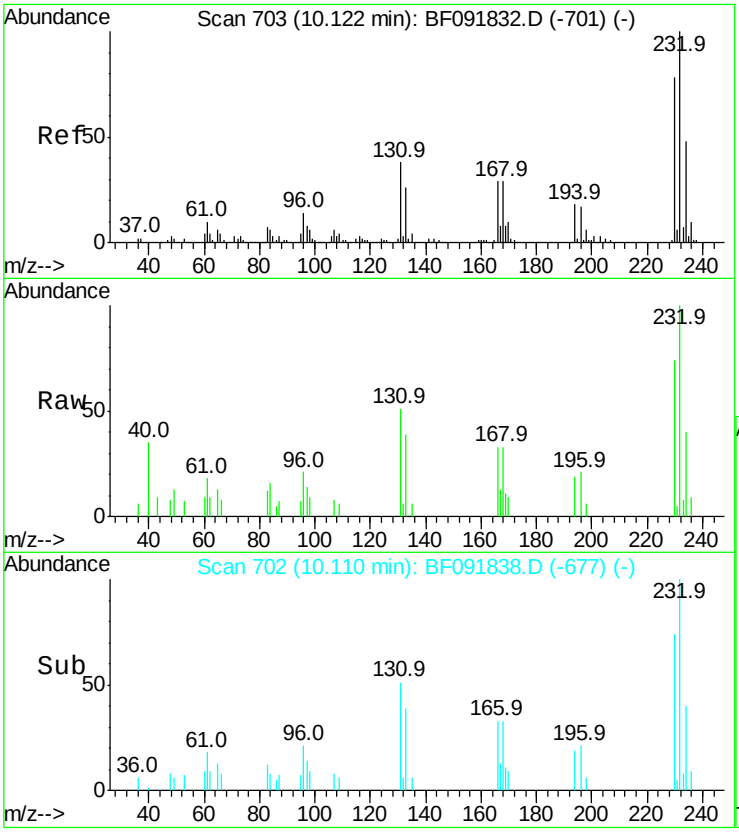


#57
Fluorene
Concen: 1.19 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:166 Resp: 34623

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.7	10.8	16.2

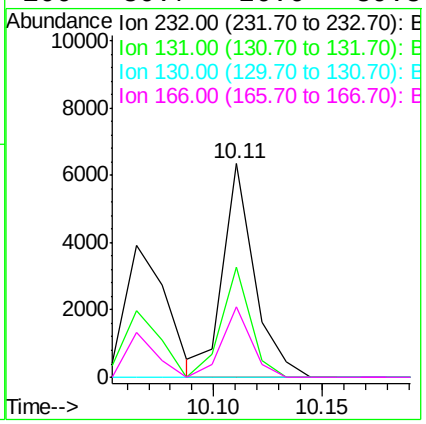




#58
2,3,4,6-Tetrachlorophenol
Concen: 0.85 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:232 Resp: 6373

Ion	Ratio	Lower	Upper
232	100		
131	47.8	40.1	60.1
130	0.0	1.8	2.8#
166	30.7	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
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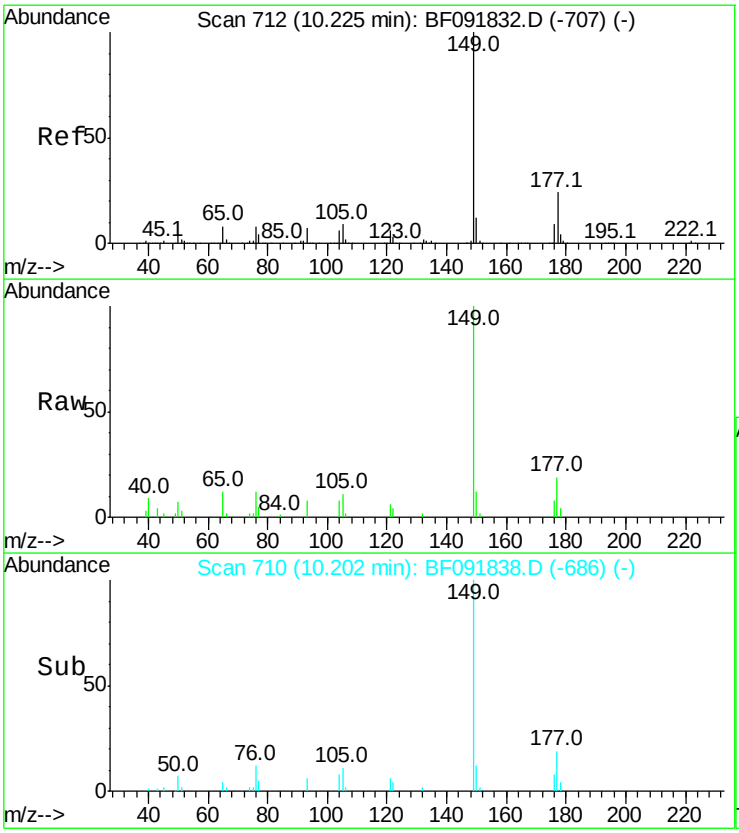
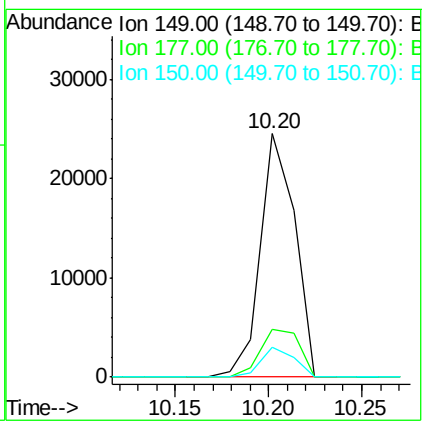
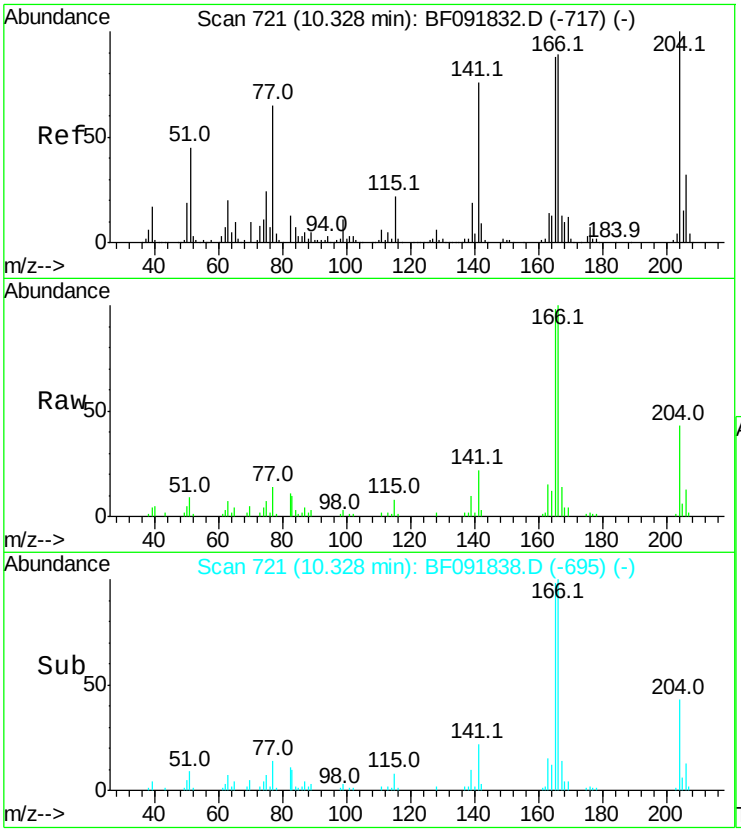


#59
Diethylphthalate
Concen: 0.97 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:149 Resp: 31324

Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.6	25.0
150	12.3	10.4	15.6

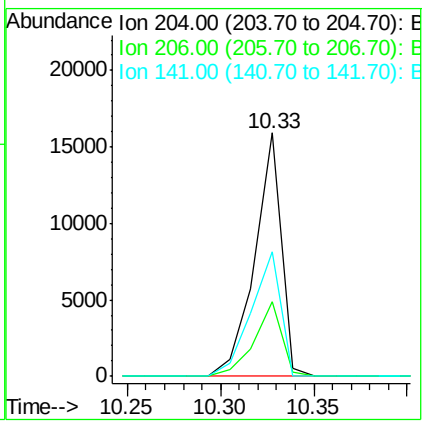




#60
4-Chlorophenyl-phenylether
Concen: 1.26 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:204 Resp: 15961

Ion	Ratio	Lower	Upper
204	100		
206	30.7	25.8	38.6
141	51.4	59.4	89.0#



Instrument :
BNA_F
ClientSampleId :
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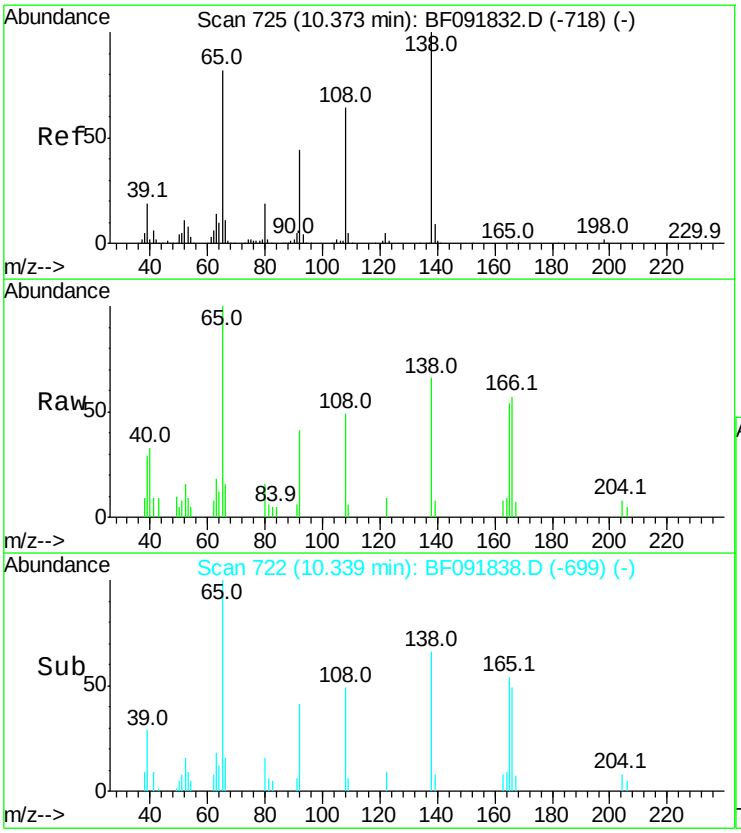
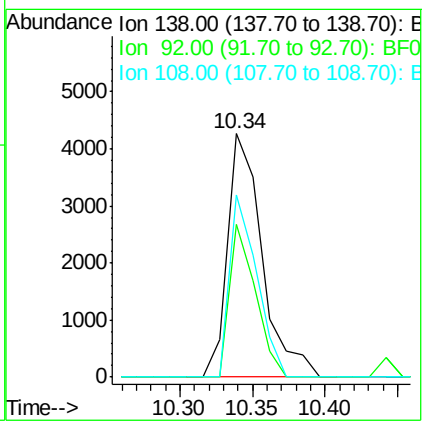
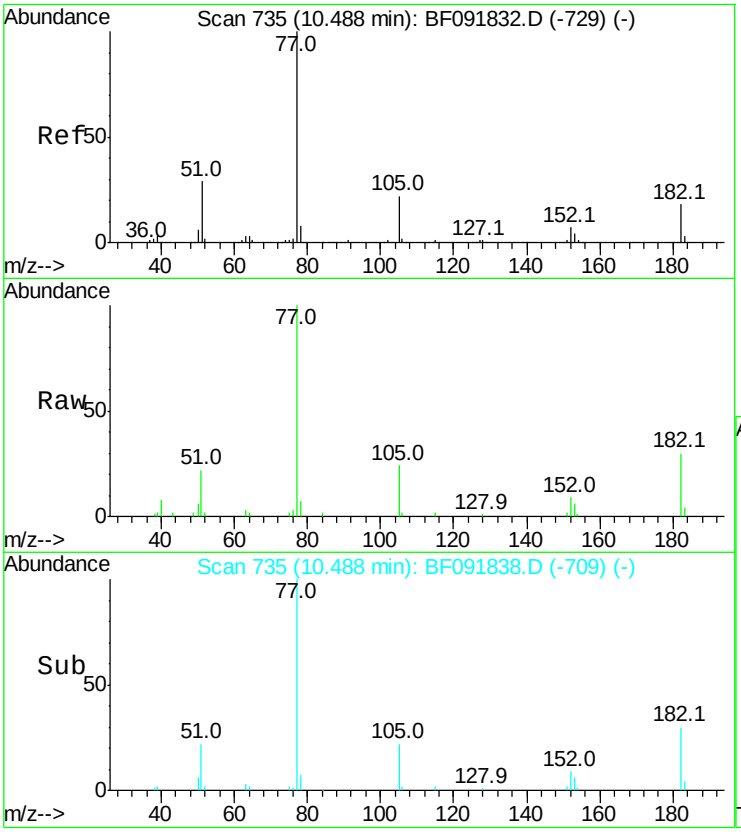


#61
4-Nitroaniline
Concen: 0.75 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:138 Resp: 7067

Ion	Ratio	Lower	Upper
138	100		
92	62.6	31.7	71.7
108	74.7	52.6	92.6

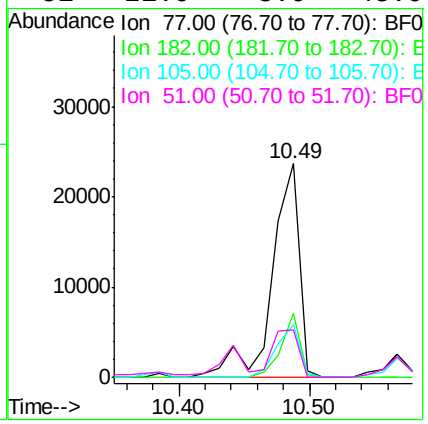




#62
Azobenzene
Concen: 0.97 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 77 Resp: 34642

Ion	Ratio	Lower	Upper
77	100		
182	29.9	0.0	39.3
105	24.4	2.3	42.3
51	21.9	8.9	48.9



Instrument :
BNA_F
ClientSampleId :
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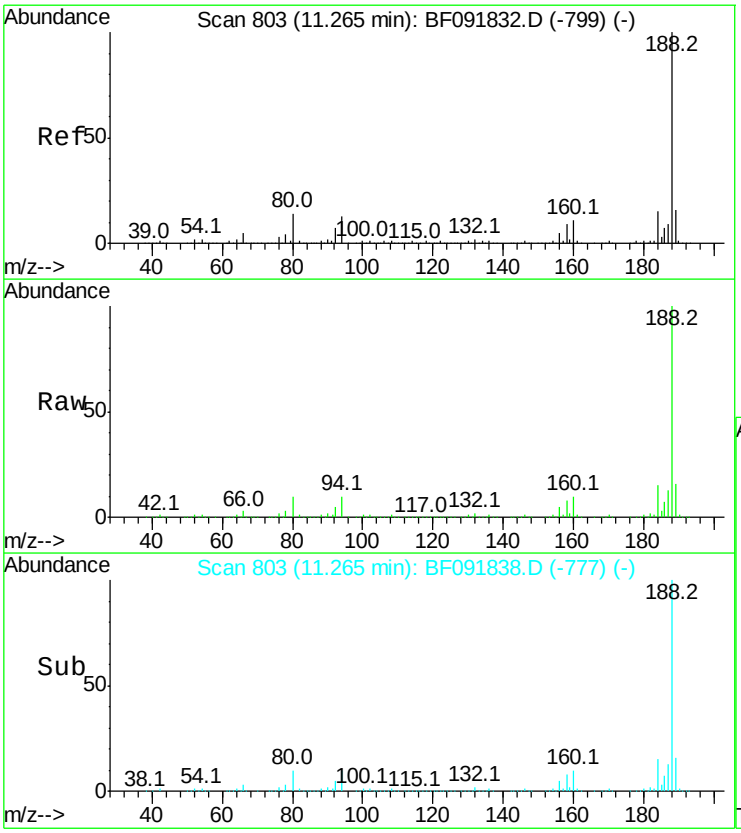
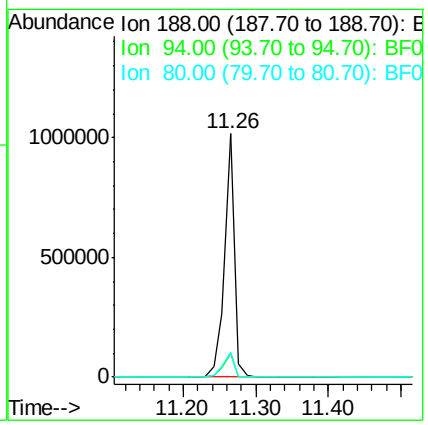
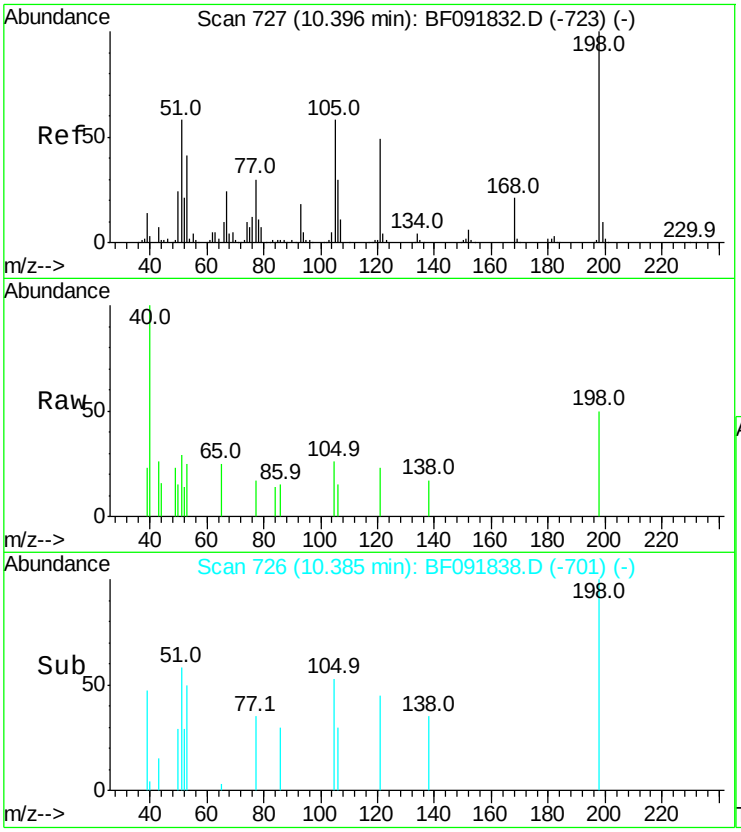


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:188 Resp: 960291

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	10.0	11.2	16.8#





#64
4,6-Dinitro-2-methylphenol
Concen: 0.13 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:198 Resp: 749

Ion	Ratio	Lower	Upper
198	100		
51	58.4	6.7	46.7#
105	52.7	16.6	56.6

Instrument :
BNA_F
ClientSampleId :
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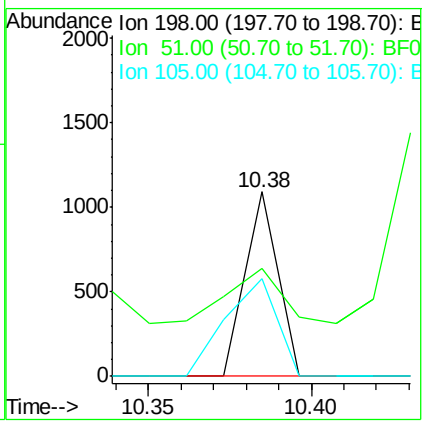
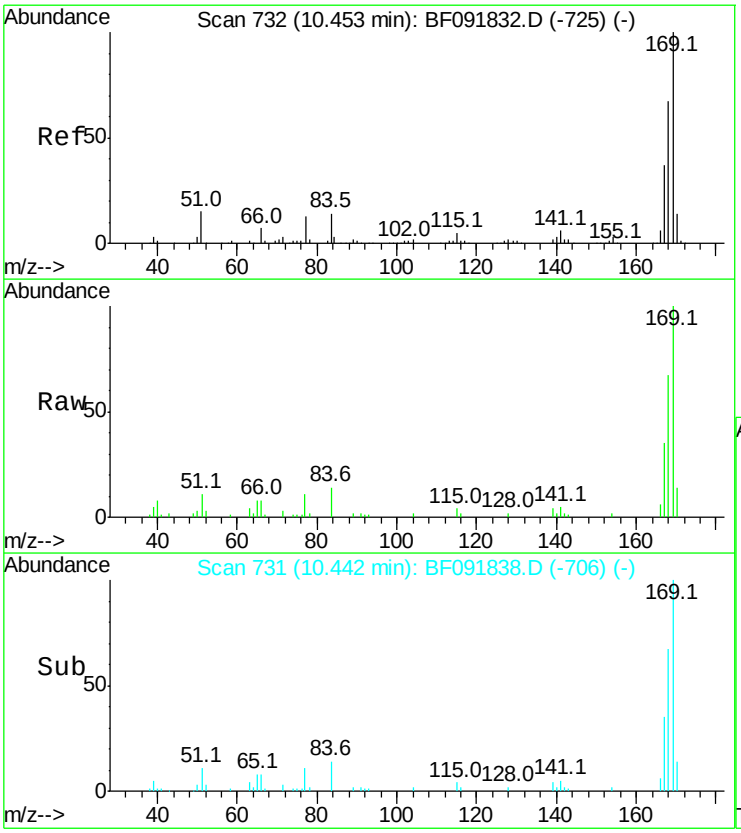
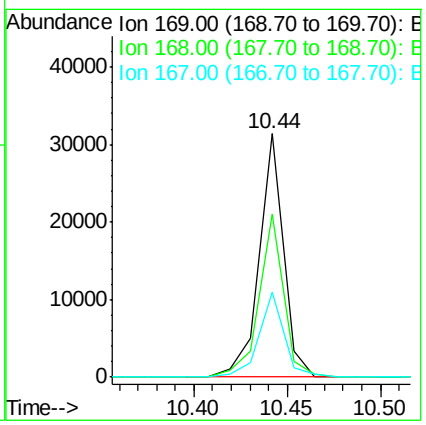


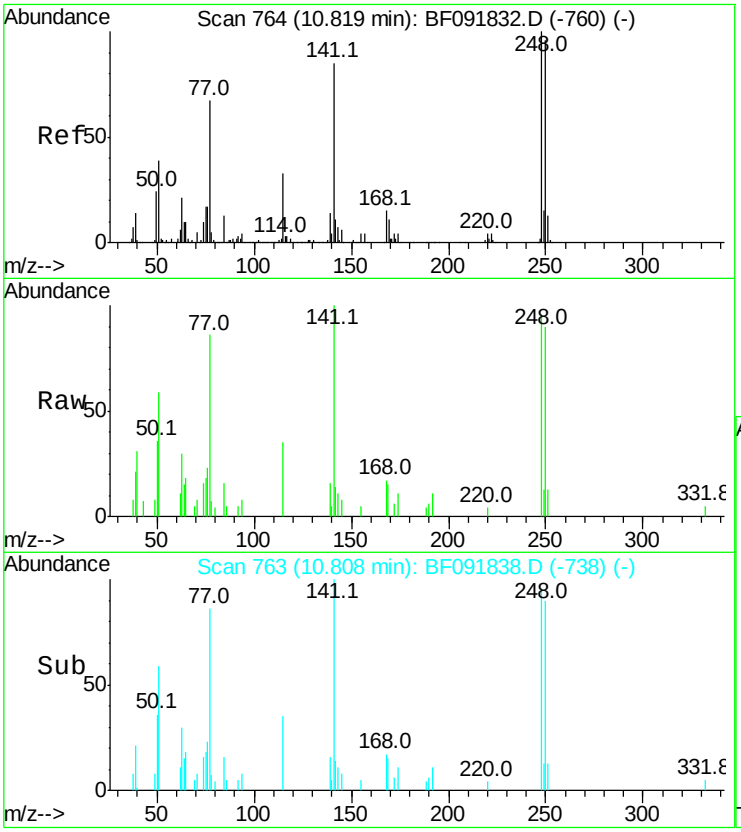


#65
n-Nitrosodiphenylamine
Concen: 0.98 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:169 Resp: 28059

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.2	81.2
167	35.0	30.2	45.4

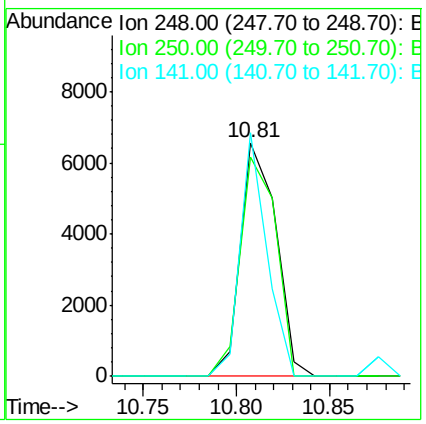




#66
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:248 Resp: 8712

Ion	Ratio	Lower	Upper
248	100		
250	93.8	76.9	115.3
141	104.2	68.2	102.4#



Instrument :
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ClientSampleId :
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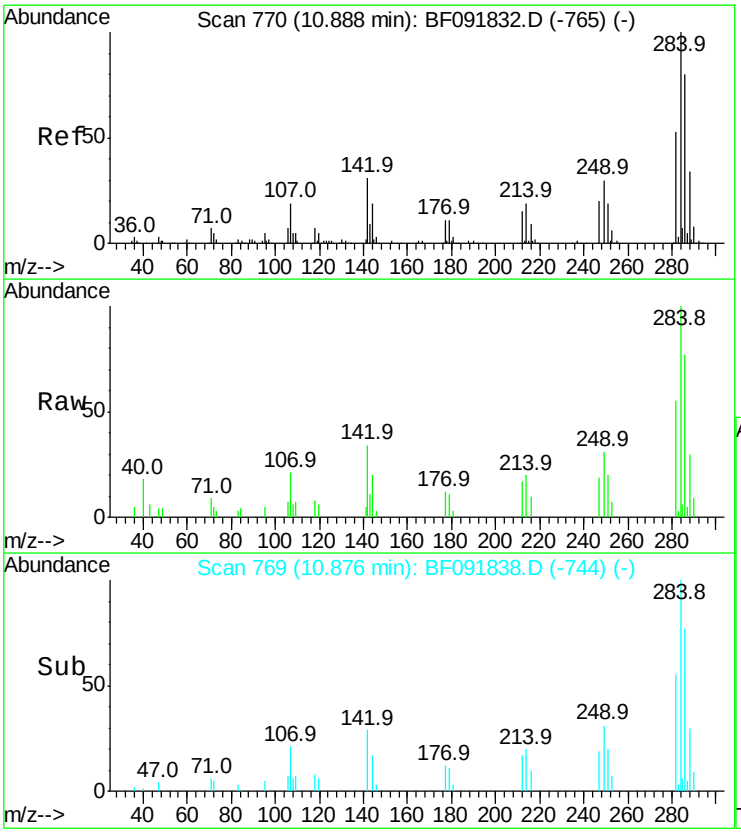
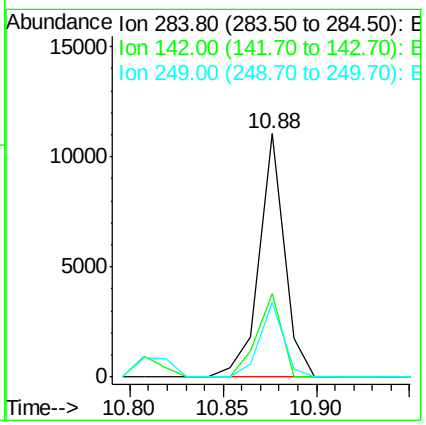
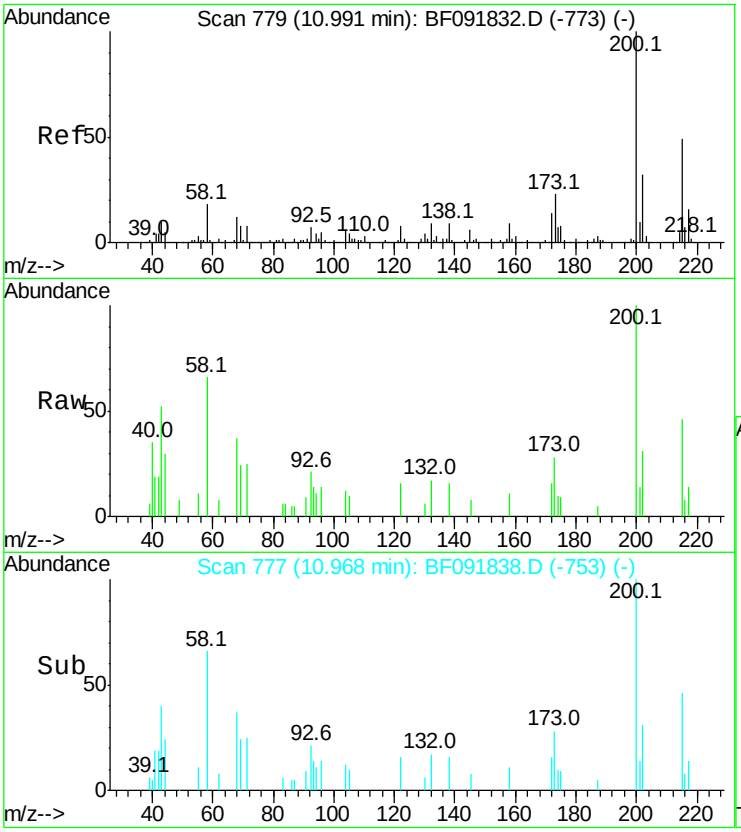


#67
Hexachlorobenzene
Concen: 0.96 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:284 Resp: 10296

Ion	Ratio	Lower	Upper
284	100		
142	34.4	22.6	33.8#
249	30.7	25.4	38.0

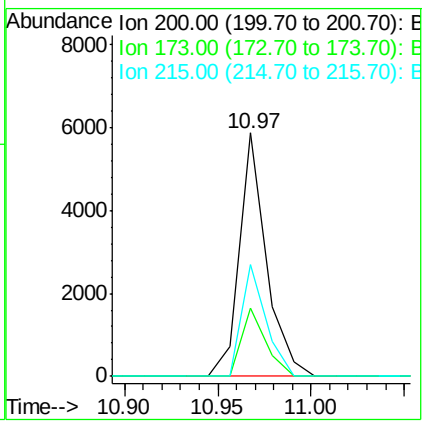




#68
Atrazine
Concen: 0.64 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:200 Resp: 5898

Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.6	49.6
215	46.0	25.7	65.7



Instrument :
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ClientSampleId :
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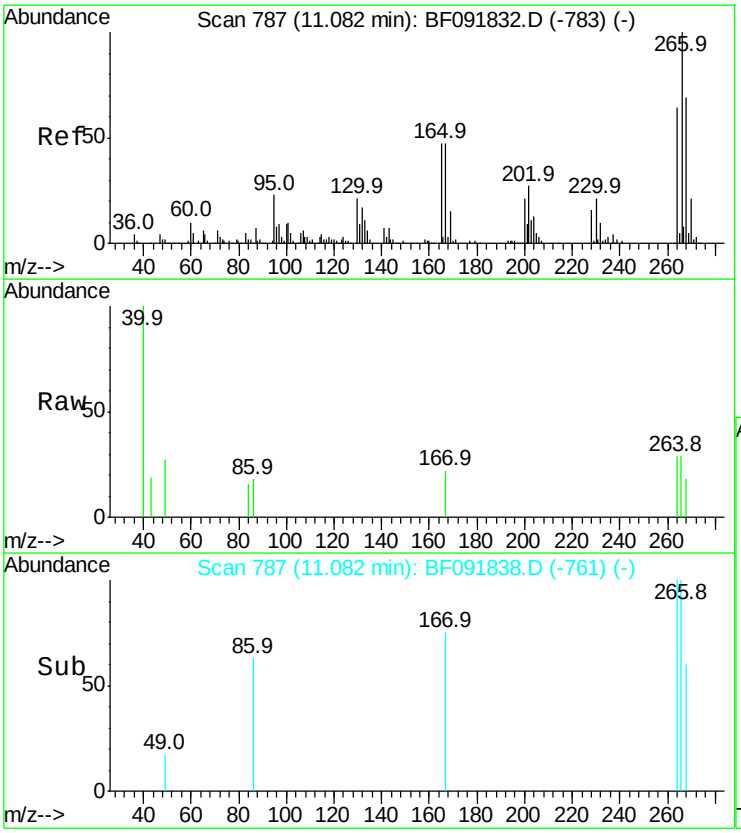
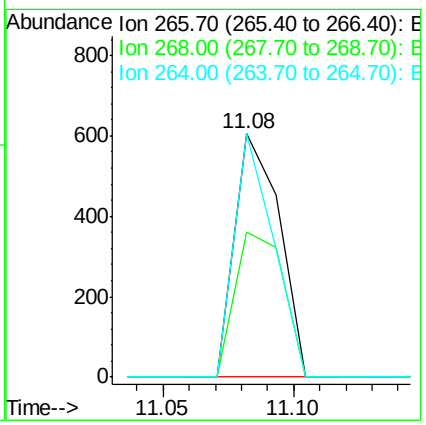
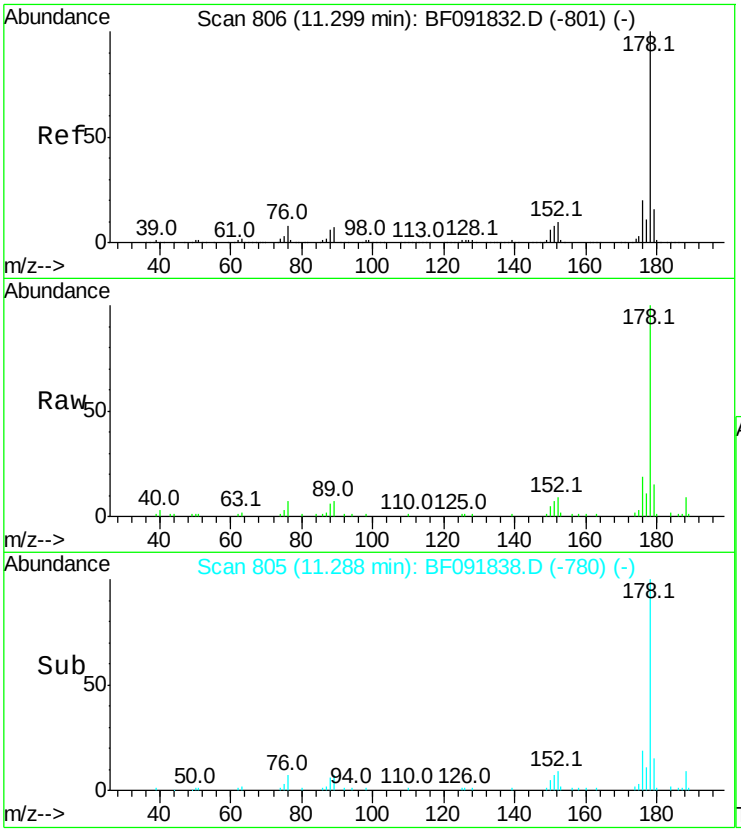


#69
Pentachlorophenol
Concen: 0.14 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:266 Resp: 726

Ion	Ratio	Lower	Upper
266	100		
268	59.7	53.3	79.9
264	99.8	50.3	75.5#

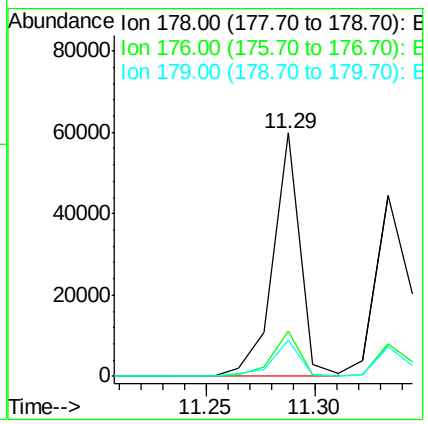




#70
Phenanthrene
Concen: 1.01 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:178 Resp: 52421

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.6	25.0
179	14.8	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
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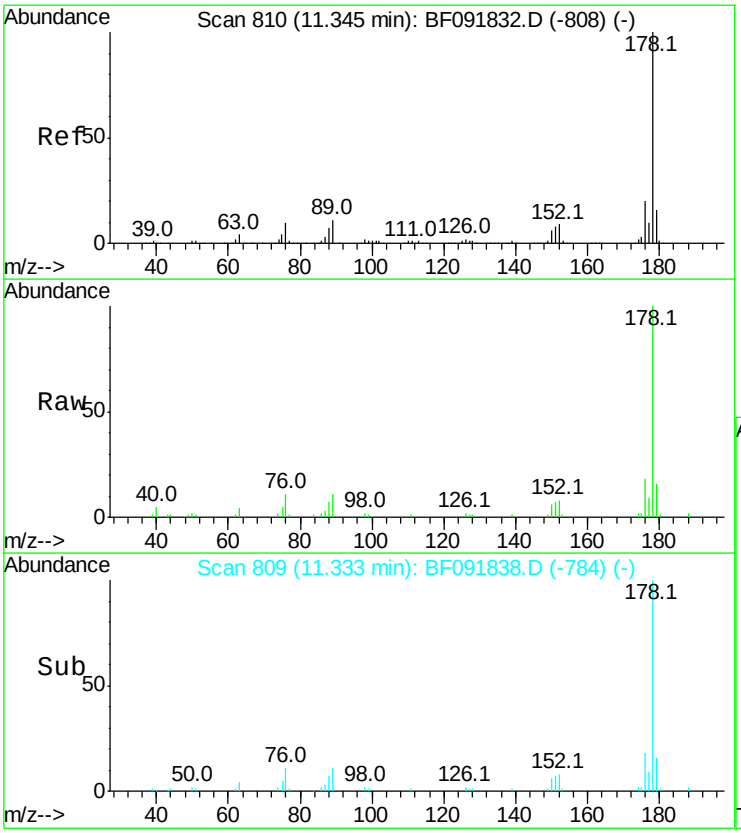
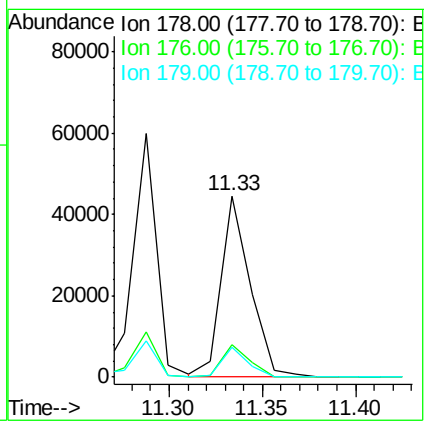
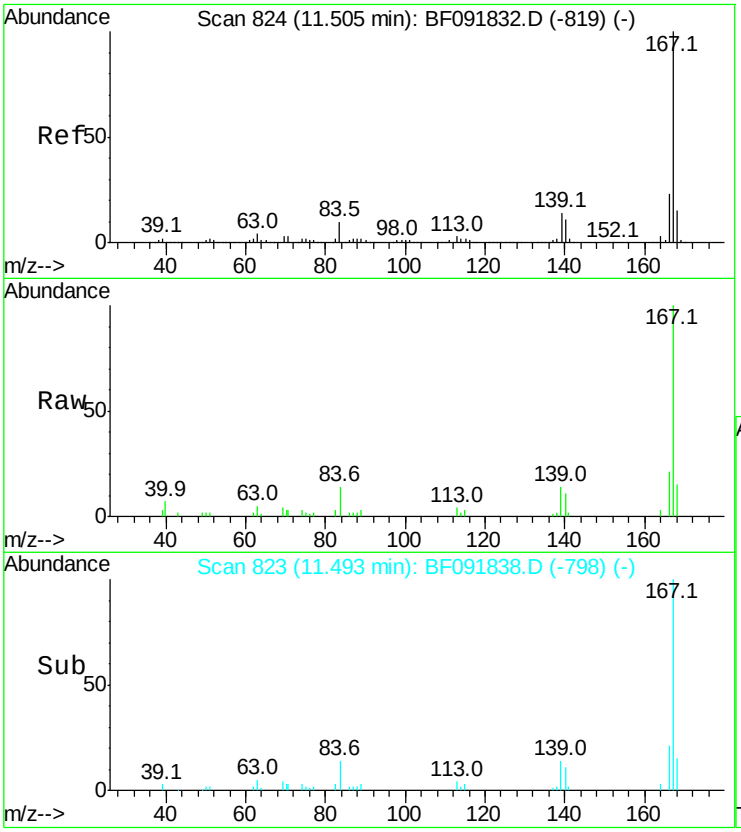


#71
Anthracene
Concen: 0.26 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:178 Resp: 48827

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.9	23.9
179	16.2	13.2	19.8

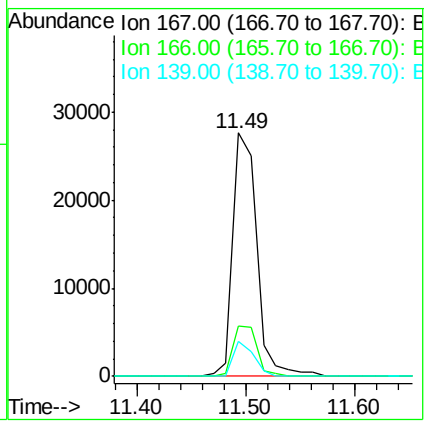




#72
Carbazole
Concen: 0.78 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:167 Resp: 41808

Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.2	27.2
139	14.2	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
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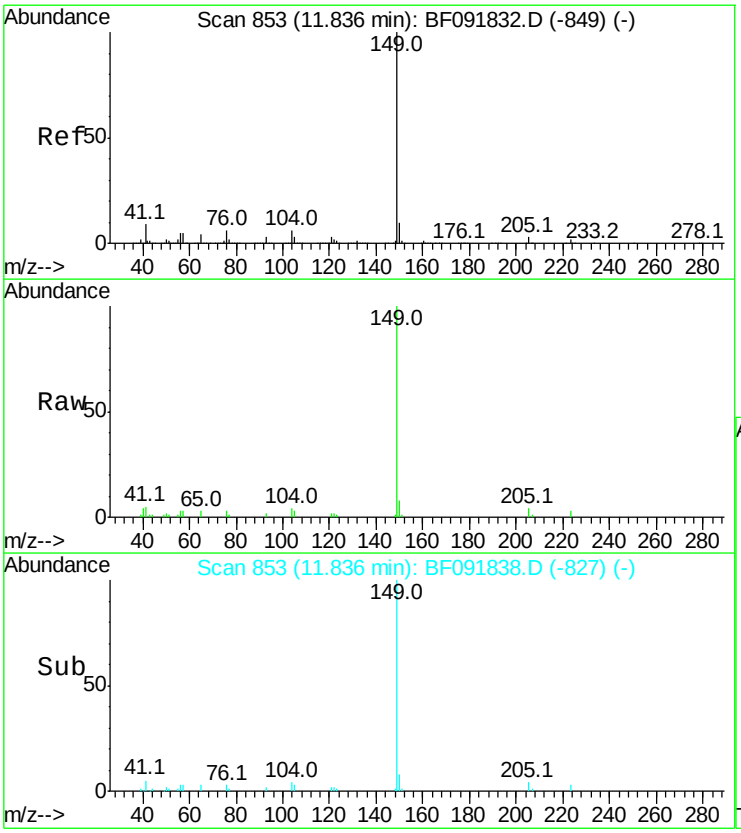
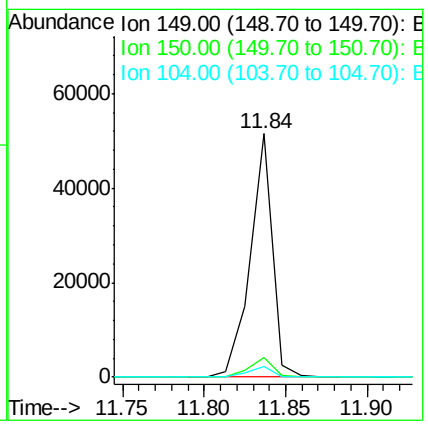
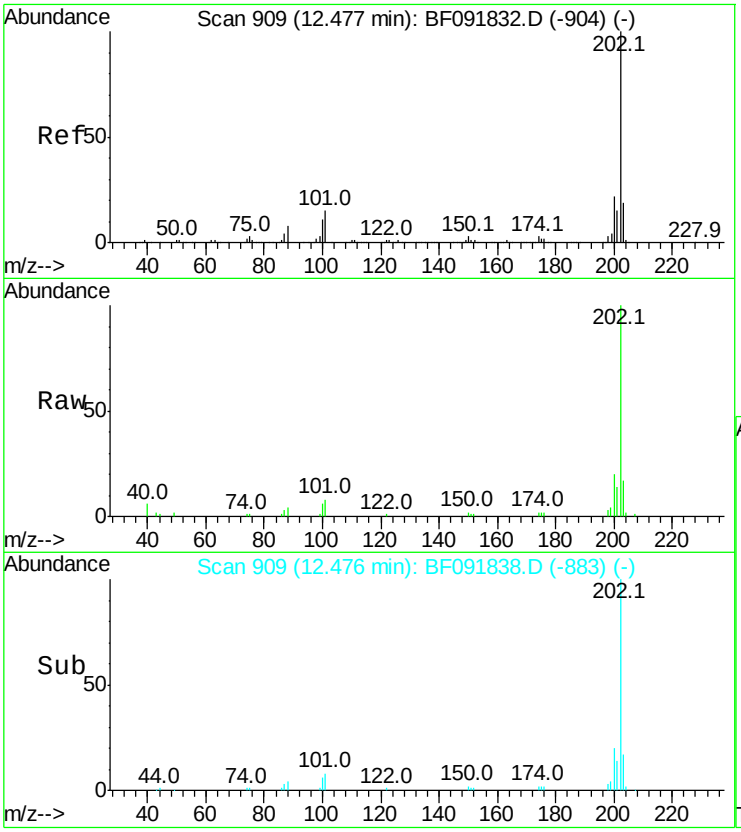


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:149 Resp: 48320

Ion	Ratio	Lower	Upper
149	100		
150	8.1	8.1	12.1
104	4.3	4.6	7.0#

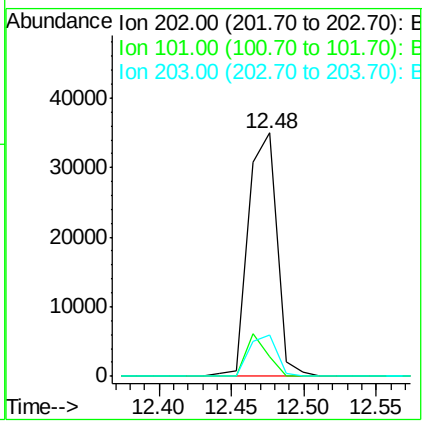




#74
Fluoranthene
Concen: Below Cal
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:202 Resp: 47714

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	34.6
203	16.9	0.0	38.7



Instrument :
BNA_F
ClientSampleId :
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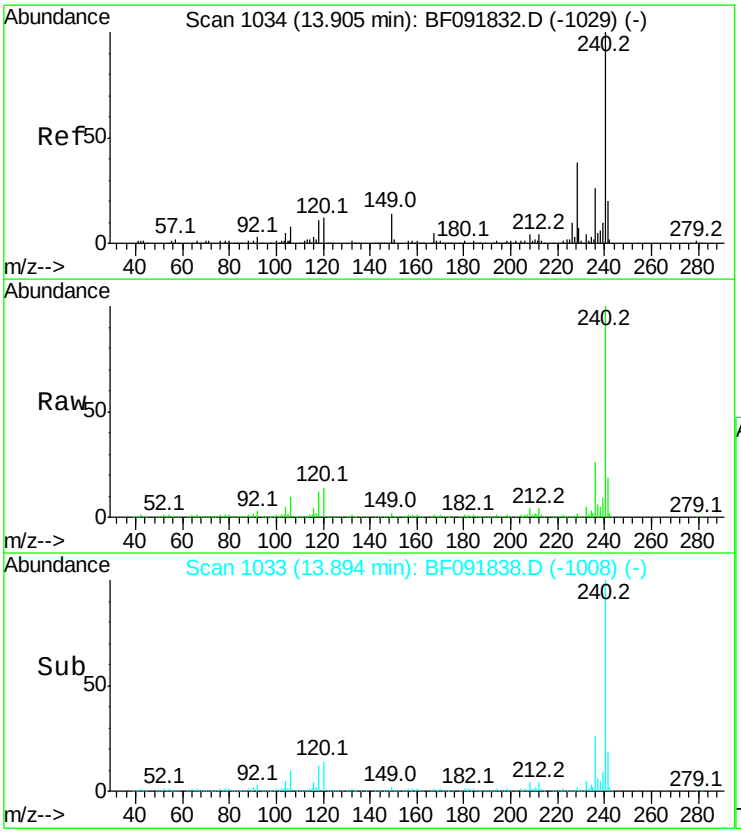
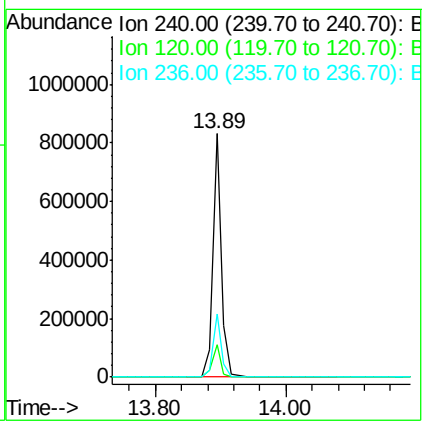
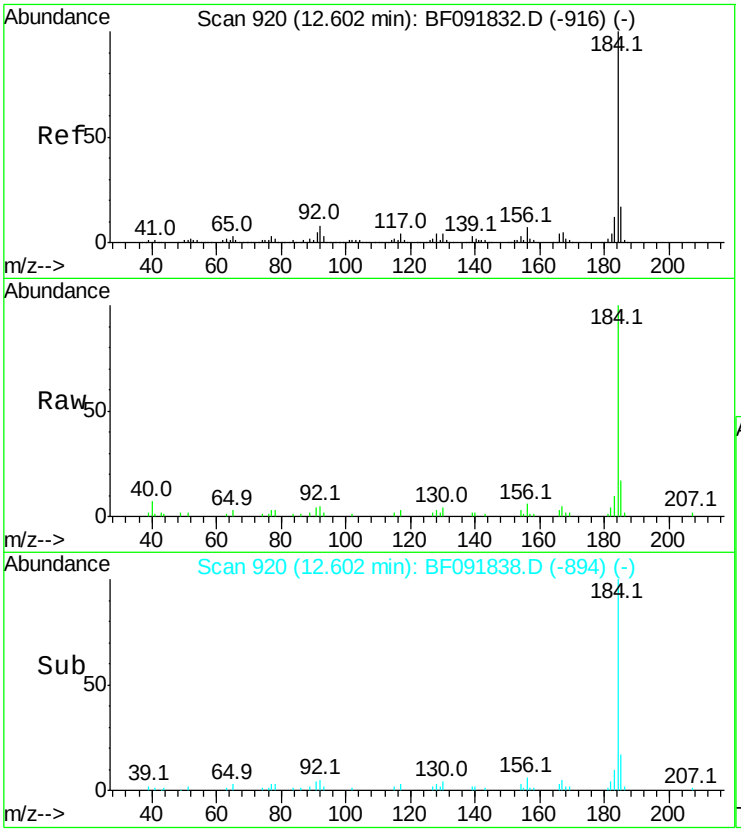


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:240 Resp: 773664

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.9	19.3
236	25.9	20.9	31.3

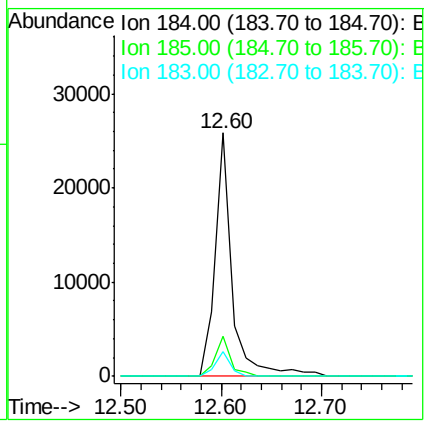




#76
Benzidine
Concen: Below Cal
RT: 12.60 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:184 Resp: 30236

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	10.4	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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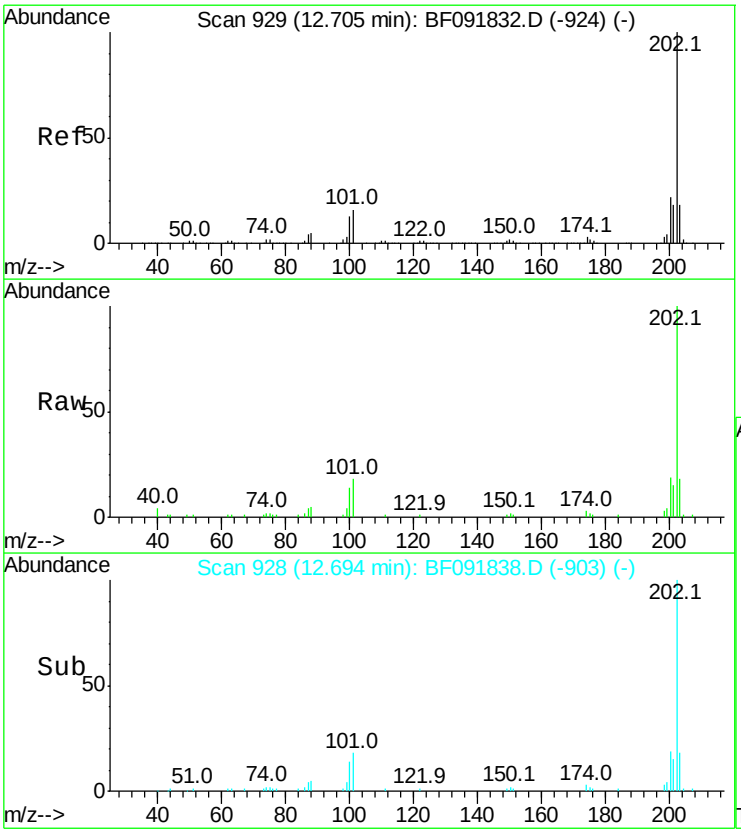
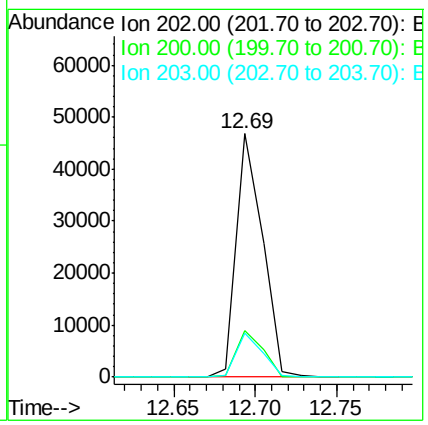
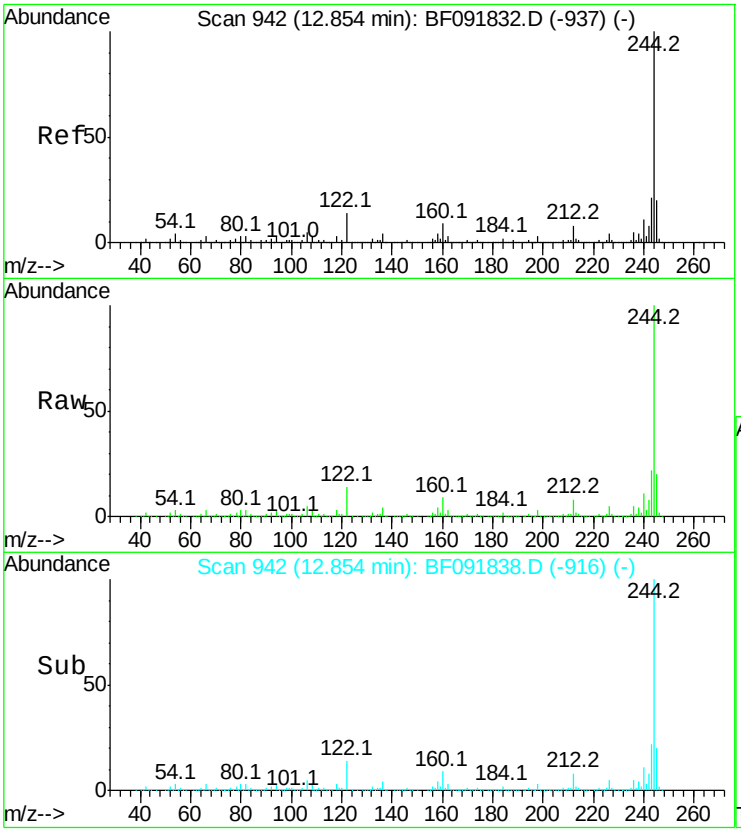


#77
Pyrene
Concen: 0.91 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:202 Resp: 51788

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.7	26.5
203	18.1	14.7	22.1

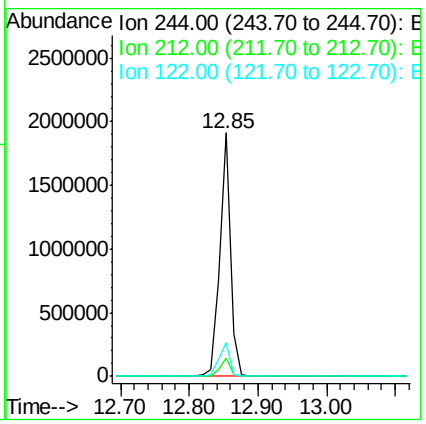




#78
Terphenyl-d14
Concen: 66.32 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:244 Resp: 2115513

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.7	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
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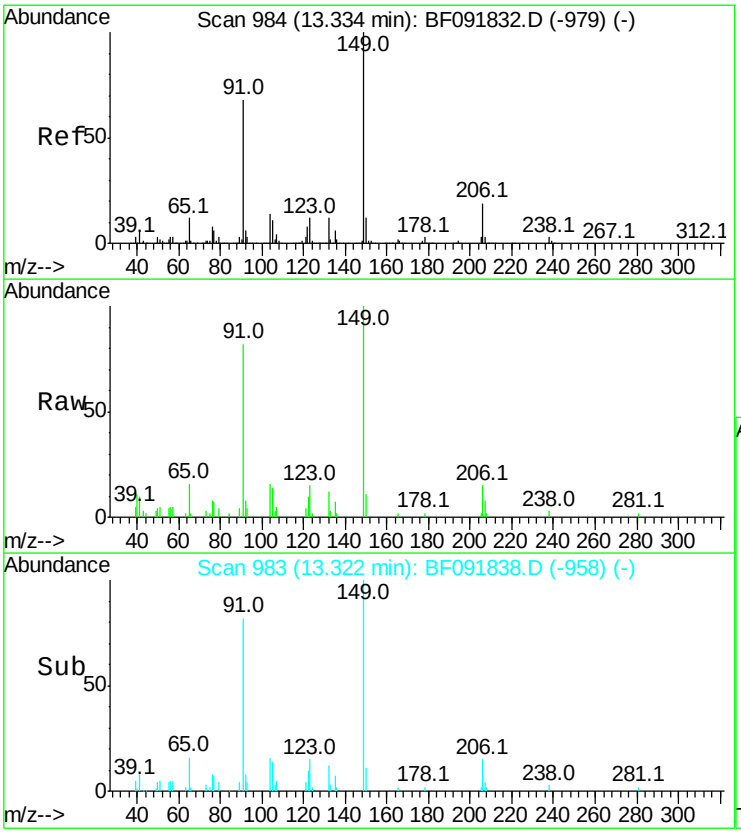
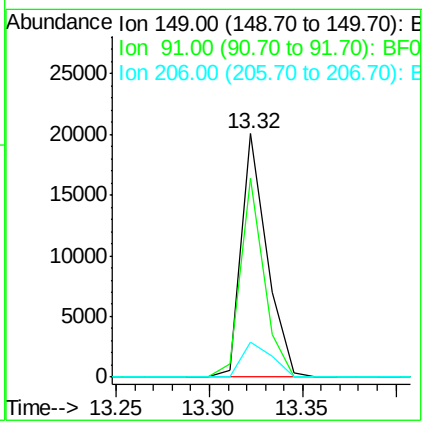
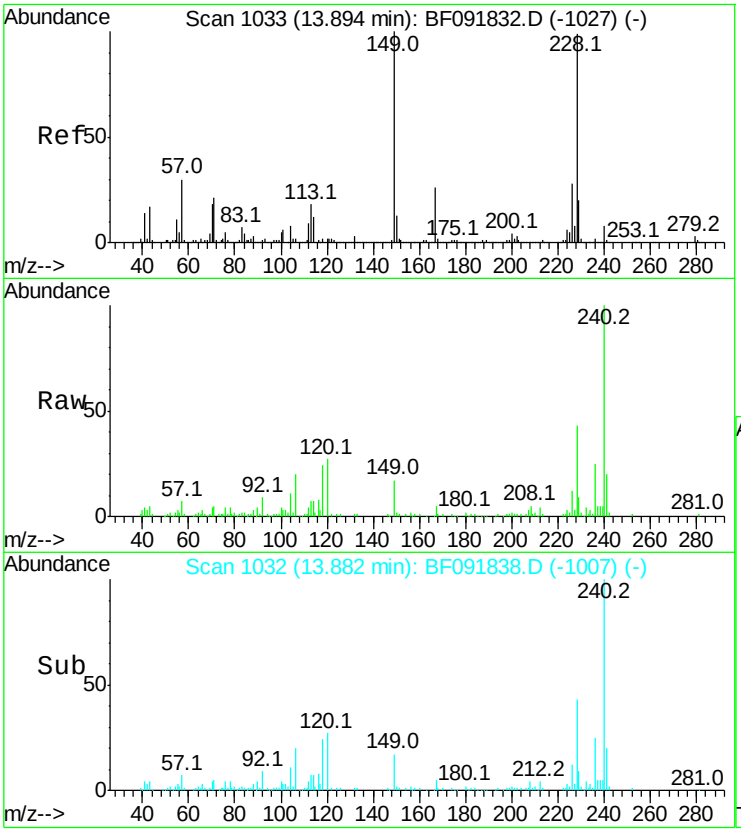


#79
Butylbenzylphthalate
Concen: 0.74 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:149 Resp: 19210

Ion	Ratio	Lower	Upper
149	100		
91	81.7	63.9	95.9
206	14.5	14.6	21.8#

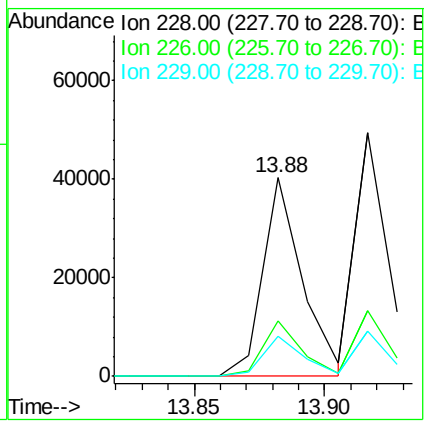




#80
Benzo(a)anthracene
Concen: 0.98 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:228 Resp: 42683

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.3	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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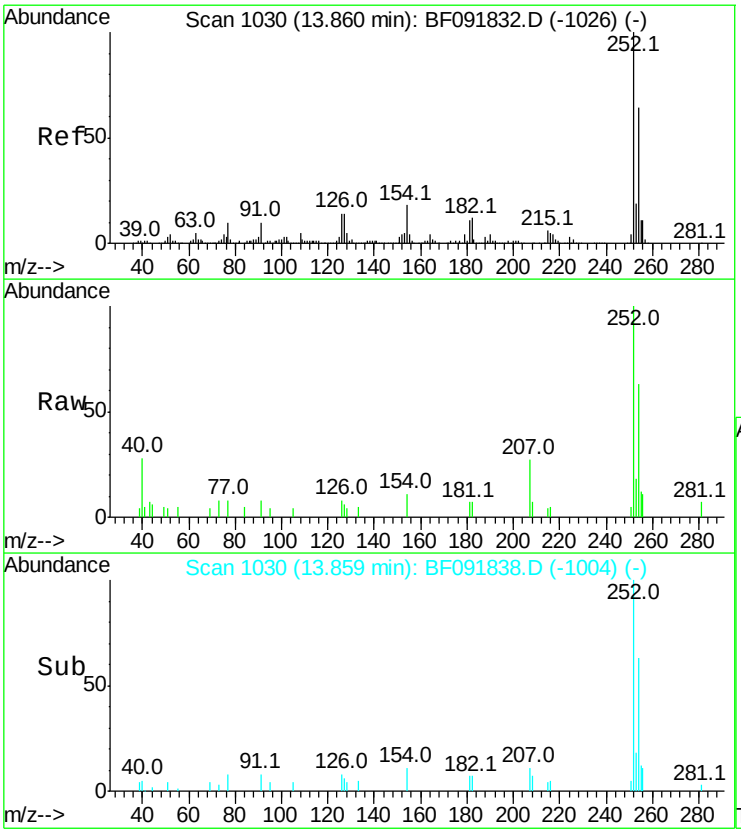
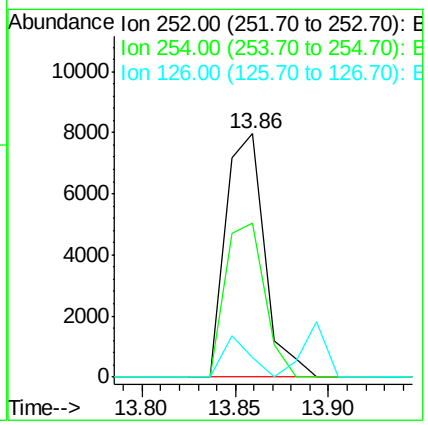
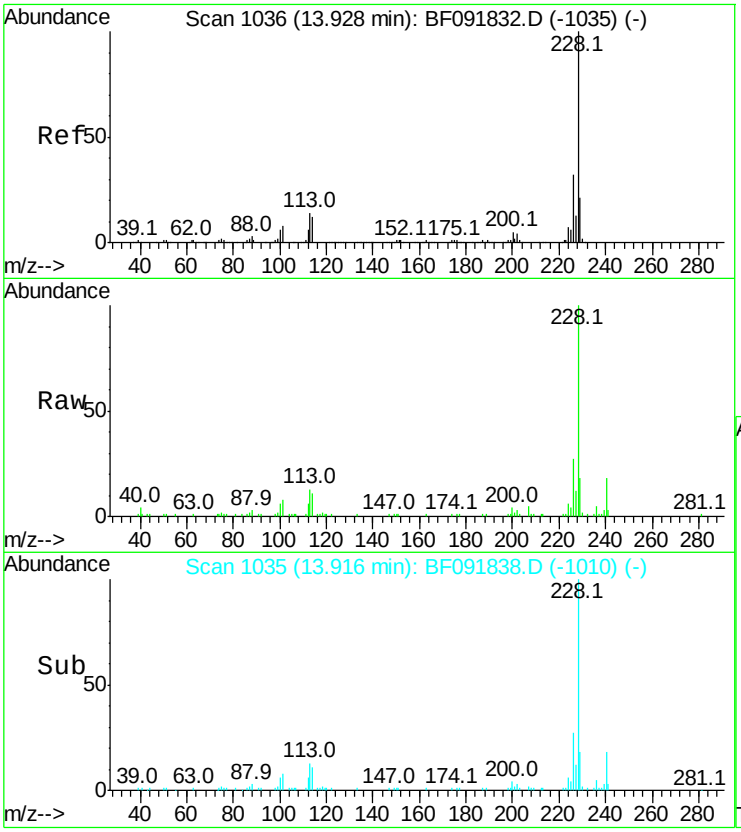


#81
3,3'-Dichlorobenzidine
Concen: 0.70 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:252 Resp: 11620

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.3	78.5
126	8.3	13.6	20.4#

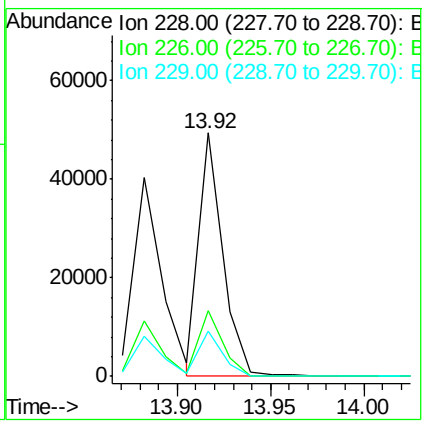




#82
Chrysene
Concen: 1.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:228 Resp: 43947

Ion	Ratio	Lower	Upper
228	100		
226	27.1	25.4	38.0
229	18.4	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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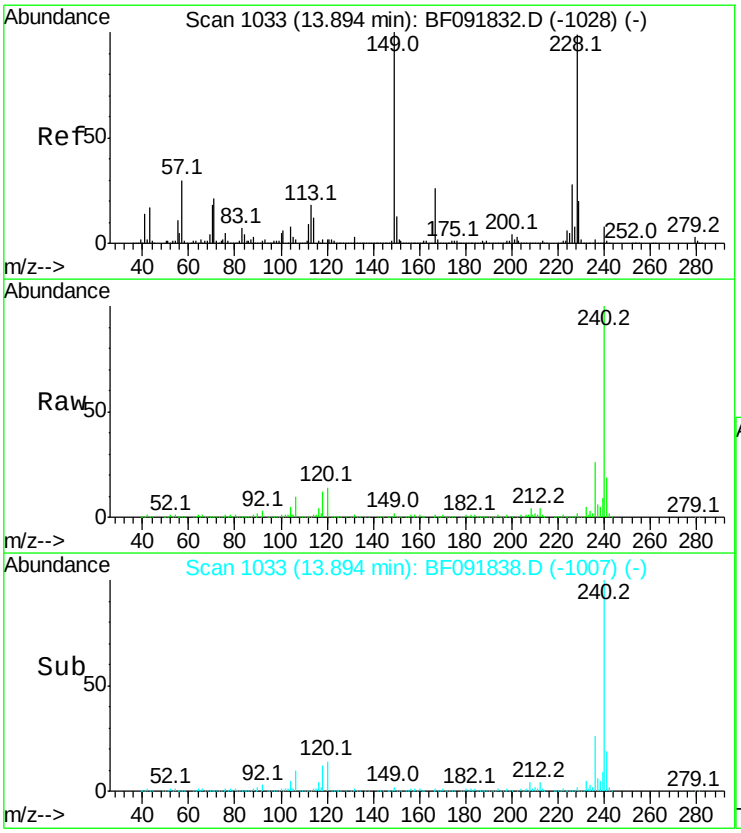
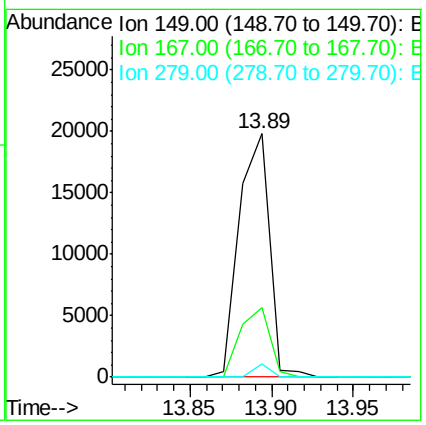
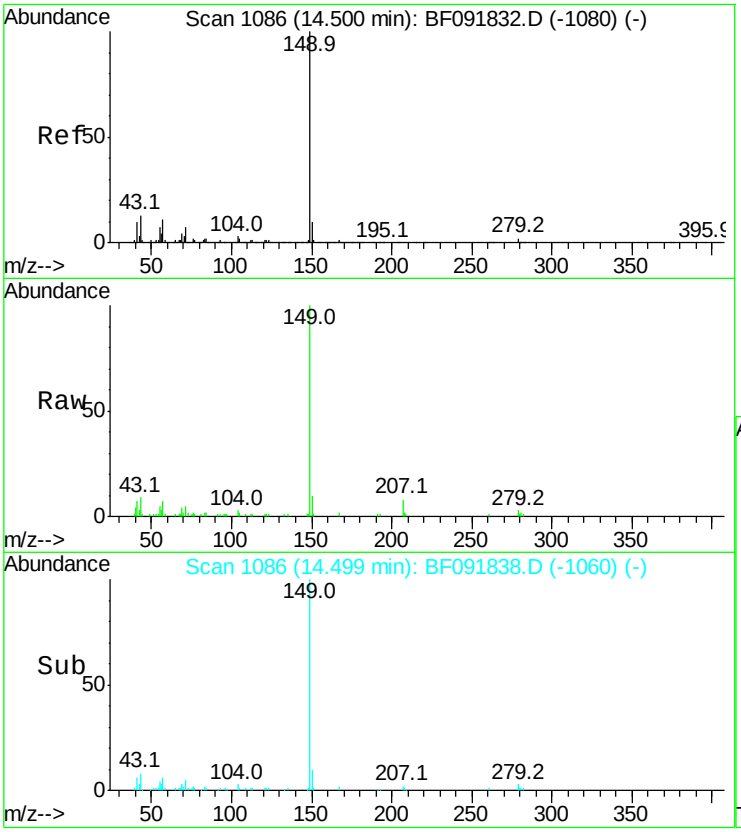


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.84 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:149 Resp: 25426

Ion	Ratio	Lower	Upper
149	100		
167	28.7	20.2	30.4
279	5.6	1.8	2.8#

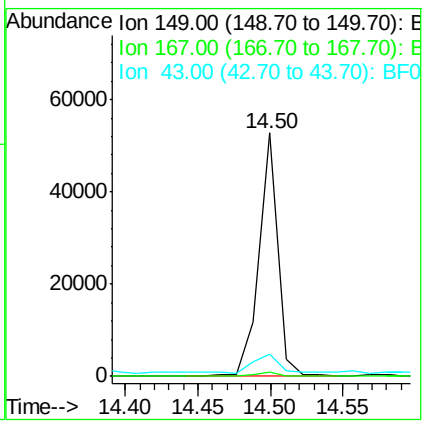




#84
Di-n-octyl phthalate
Concen: 0.85 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:149 Resp: 47892

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
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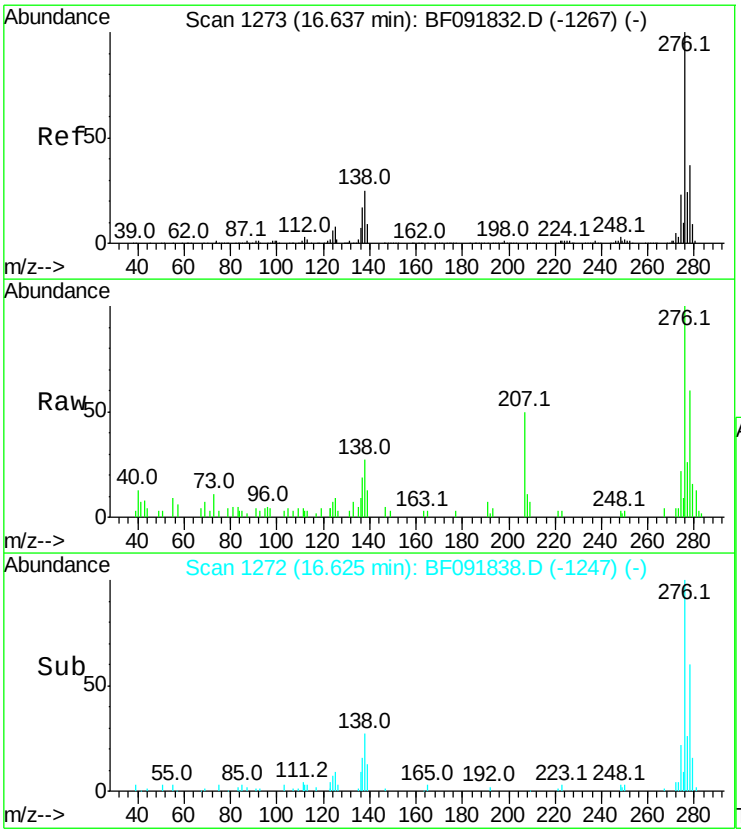
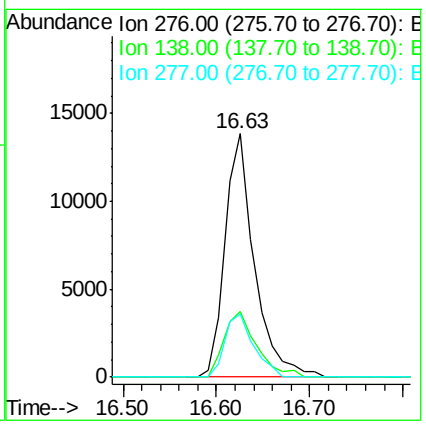
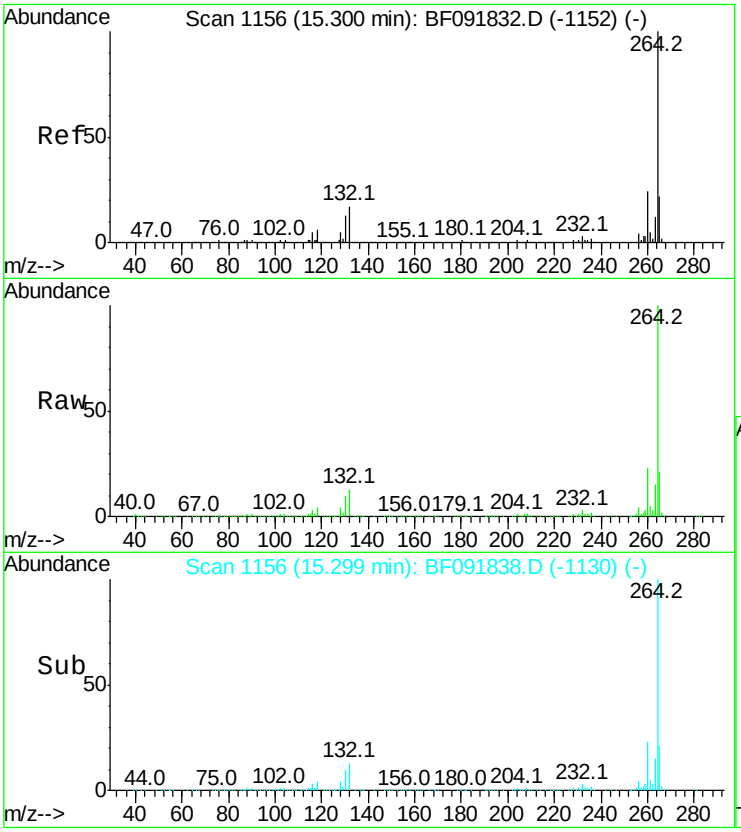


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.80 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:276 Resp: 30327

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.6
277	25.3	20.2	30.4

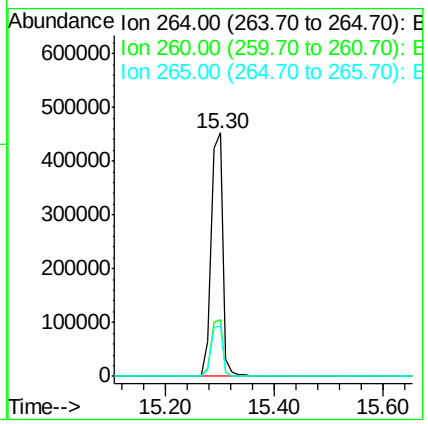




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:264 Resp: 686056

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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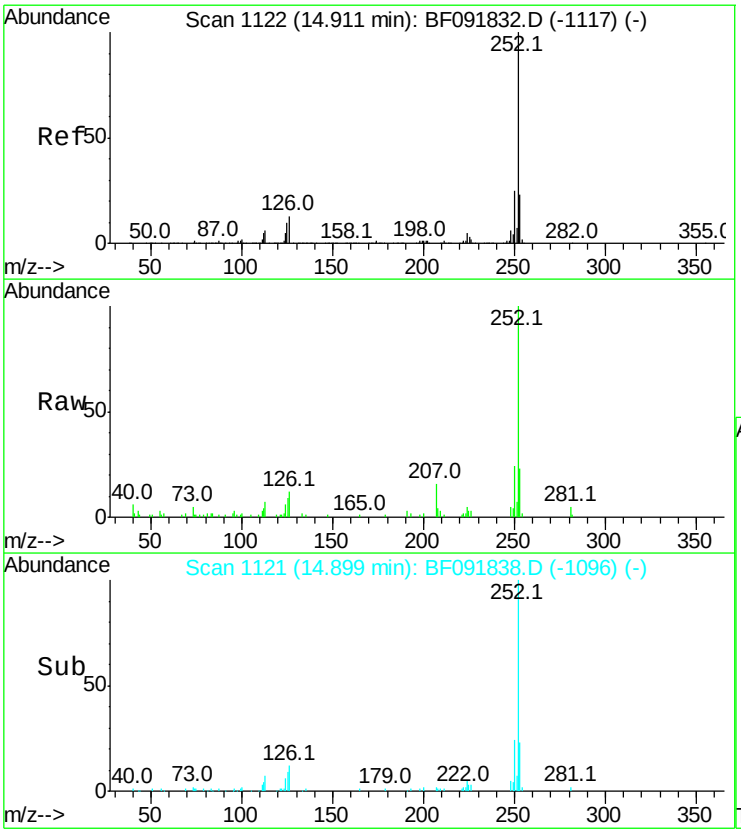
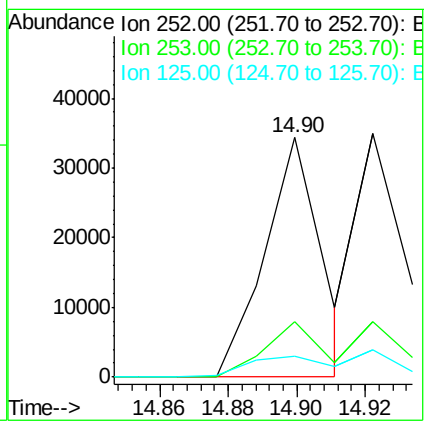
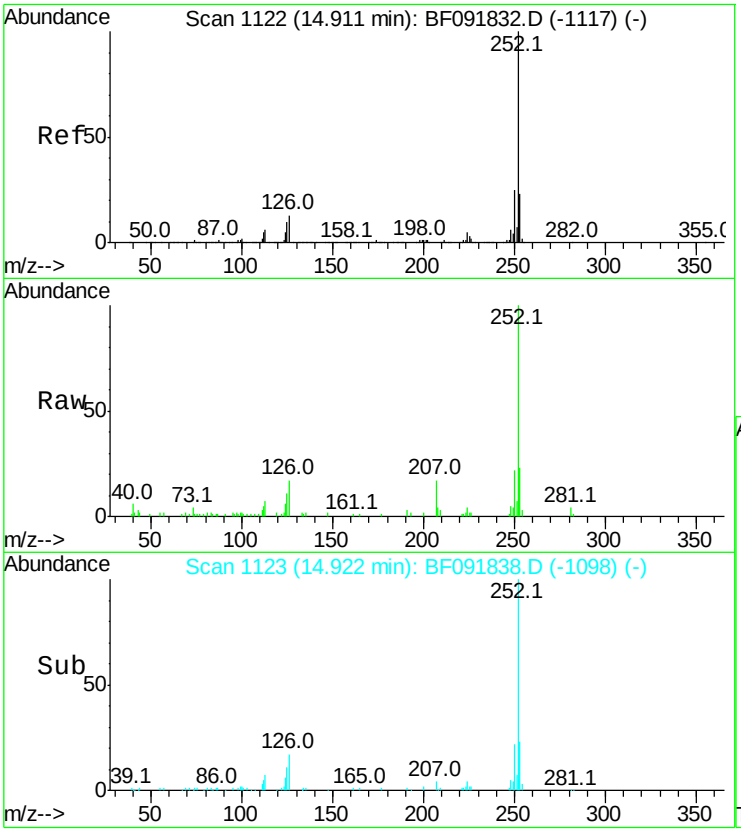


#87
Benzo(b)fluoranthene
Concen: 0.92 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:252 Resp: 39393

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	8.9	9.8	14.6#

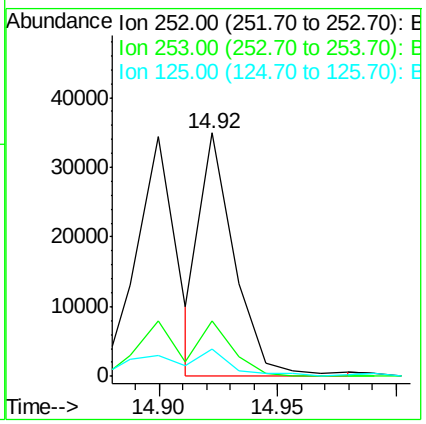




#88
Benzo(k)fluoranthene
Concen: 0.98 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:252 Resp: 35676

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.3	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
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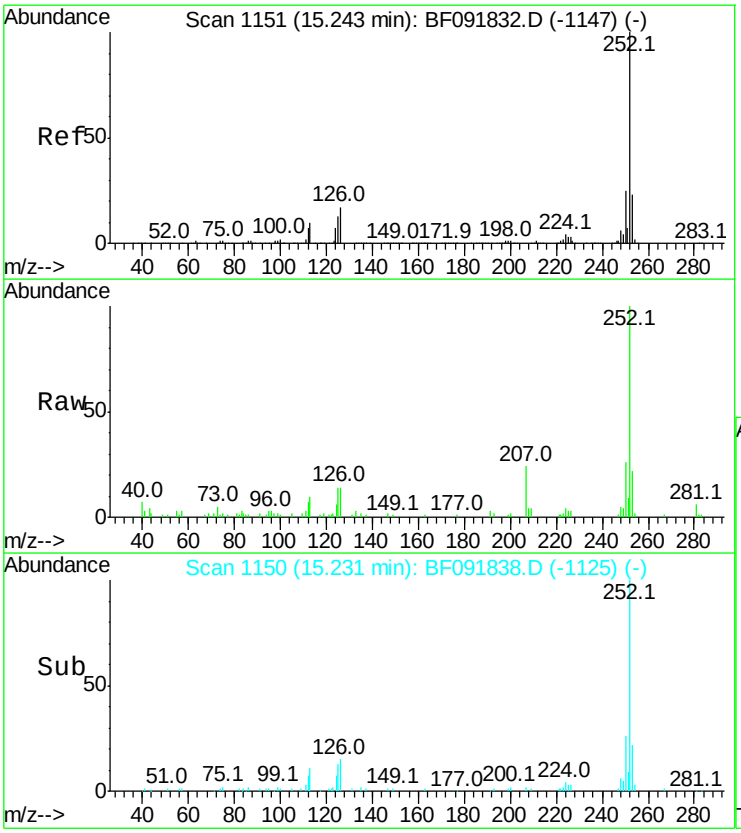
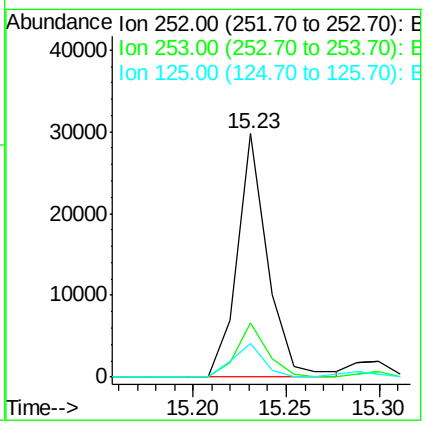
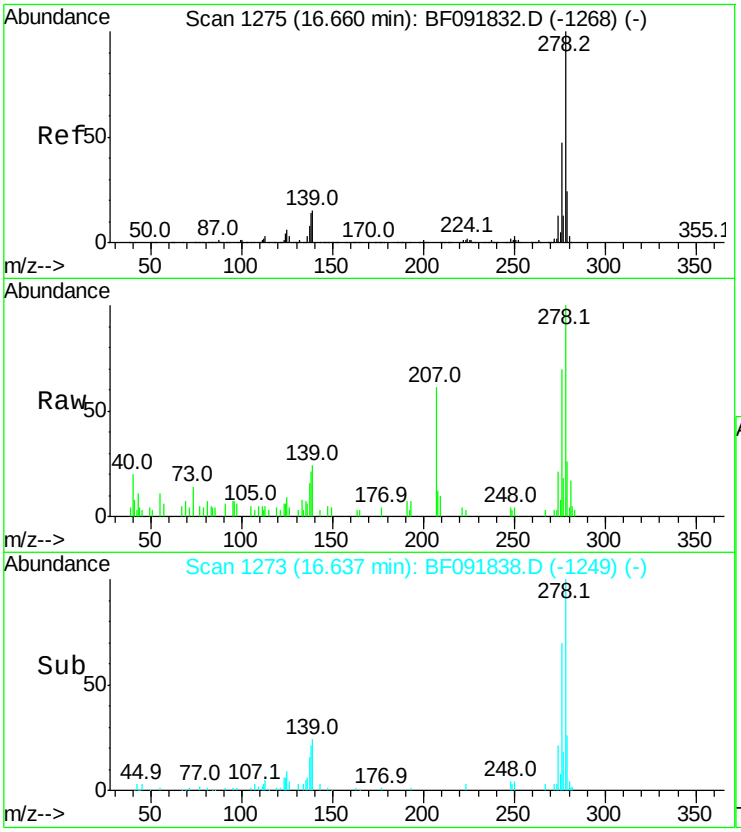


#89
Benzo(a)pyrene
Concen: 0.90 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:252 Resp: 33962

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.7	10.0	15.0

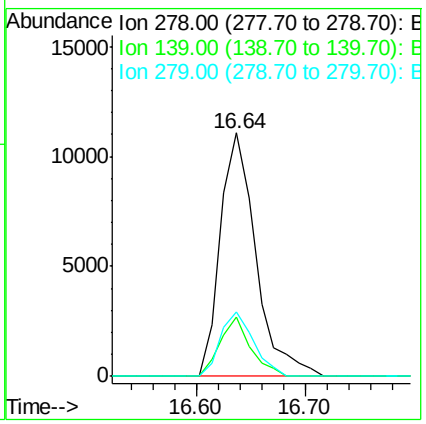




#90
Dibenzo(a,h)anthracene
Concen: 0.80 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:278 Resp: 24925

Ion	Ratio	Lower	Upper
278	100		
139	24.3	14.8	22.2#
279	26.3	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

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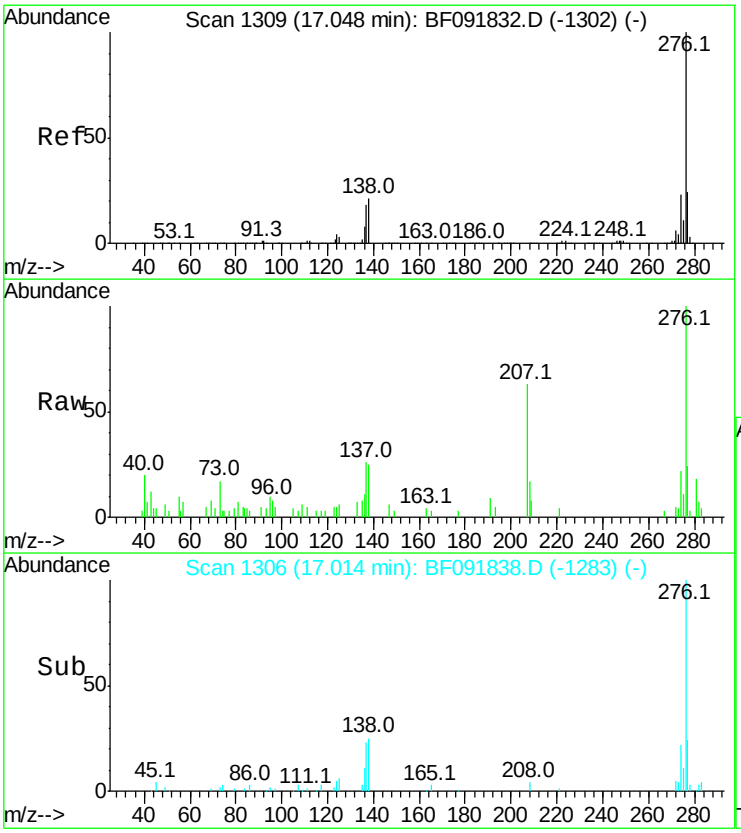

#91
Benzo(g,h,i)perylene
Concen: 0.80 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:276 Resp: 25849

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	25.3	16.0	24.0#