

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090392.D
 Acq On : 5 Oct 2016 21:01
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	230680	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	977752	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	498950	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	751767	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	682752	20.00	ng	-0.01
86) Perylene-d12	15.70	264	499024	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1644316	106.38	ng	0.01
7) Phenol-d6	6.62	99	2090493	103.27	ng	0.00
23) Nitrobenzene-d5	7.56	82	1511751	75.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	476101	117.35	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2434554	81.30	ng	-0.01
78) Terphenyl-d14	13.14	244	2593472	85.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	50605	6.64	ng	96
3) Pyridine	3.59	79	116703	5.49	ng	87
4) n-Nitrosodimethylamine	3.50	42	59153	6.75	ng	# 68
6) Aniline	6.66	93	160852	5.75	ng	98
8) 2-Chlorophenol	6.78	128	121694	7.15	ng	91
9) Benzaldehyde	6.54	77	69849	6.83	ng	89
10) Phenol	6.63	94	213562	9.07	ng	97
11) bis(2-Chloroethyl)ether	6.73	93	107680	5.98	ng	# 78
12) 1,3-Dichlorobenzene	6.94	146	114541	6.76	ng	95
13) 1,4-Dichlorobenzene	7.02	146	110242	6.40	ng	93
14) 1,2-Dichlorobenzene	7.17	146	119787	7.22	ng	98
15) Benzyl Alcohol	7.14	79	120415	7.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	209238	6.85	ng	97
17) 2-Methylphenol	7.24	107	89337	6.39	ng	97
18) Hexachloroethane	7.51	117	42976	6.33	ng	# 86
19) n-Nitroso-di-n-propylamine	7.40	70	97995	6.60	ng	# 90
20) 3+4-Methylphenols	7.40	107	125916	6.95	ng	# 55
22) Acetophenone	7.40	105	158819	6.86	ng	# 93
24) Nitrobenzene	7.58	77	140498	7.04	ng	90
25) Isophorone	7.81	82	241674	6.58	ng	# 91
26) 2-Nitrophenol	7.90	139	49319	5.74	ng	97
27) 2,4-Dimethylphenol	7.93	122	112010	6.71	ng	92
28) bis(2-Chloroethoxy)methane	8.03	93	148121	6.81	ng	# 93
29) 2,4-Dichlorophenol	8.14	162	79401	6.25	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	82551	6.31	ng	99
31) Naphthalene	8.31	128	322407	6.83	ng	96
32) Benzoic acid	7.99	122	62472	5.38	ng	95
33) 4-Chloroaniline	8.35	127	111103	5.70	ng	96
34) Hexachlorobutadiene	8.43	225	40443	5.53	ng	100
35) Caprolactam	8.68	113	25959	6.08	ng	# 84
36) 4-Chloro-3-methylphenol	8.83	107	107205	6.74	ng	99
37) 2-Methylnaphthalene	9.00	142	190037	6.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	80441	6.11	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	37201	5.16	ng	99

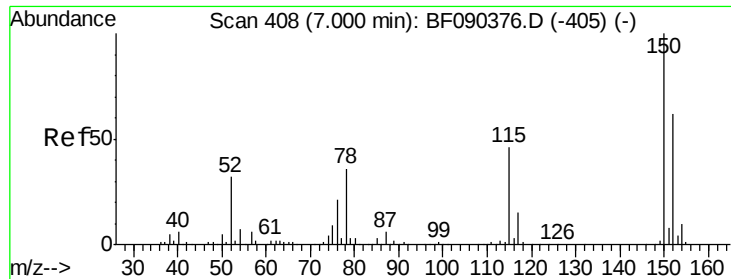
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090392.D
 Acq On : 5 Oct 2016 21:01
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	51087	5.63	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	51221	5.97	ng #	91
45) 1,1'-Biphenyl	9.47	154	270243	7.31	ng	96
46) 2-Chloronaphthalene	9.49	162	184264	6.75	ng	98
47) 2-Nitroaniline	9.58	65	74152	6.88	ng	95
48) Acenaphthylene	9.91	152	293474	6.51	ng	96
49) Dimethylphthalate	9.77	163	206771	6.47	ng	96
50) 2,6-Dinitrotoluene	9.82	165	45460	6.41	ng	93
51) Acenaphthene	10.09	154	184589	6.57	ng	98
52) 3-Nitroaniline	9.99	138	48711	5.88	ng	88
53) 2,4-Dinitrophenol	10.10	184	10075	3.19	ng #	81
54) Dibenzofuran	10.26	168	248165	6.82	ng	98
55) 4-Nitrophenol	10.14	139	39753	5.48	ng	89
56) 2,4-Dinitrotoluene	10.22	165	58784	6.23	ng #	28
57) Fluorene	10.60	166	213538	6.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	39349	6.14	ng #	83
59) Diethylphthalate	10.46	149	209954	6.35	ng #	88
60) 4-Chlorophenyl-phenylether	10.59	204	84367	6.07	ng #	84
61) 4-Nitroaniline	10.60	138	57633	6.90	ng	91
62) Azobenzene	10.75	77	253373	6.63	ng	86
64) 4,6-Dinitro-2-methylphenol	10.63	198	20050	8.94	ng #	69
65) n-Nitrosodiphenylamine	10.70	169	168519	6.69	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	45810	6.22	ng #	74
67) Hexachlorobenzene	11.15	284	55939	6.82	ng #	84
68) Atrazine	11.23	200	43628	7.02	ng	96
69) Pentachlorophenol	11.34	266	28520	5.84	ng	97
70) Phenanthrene	11.56	178	267322	6.94	ng	96
71) Anthracene	11.62	178	302571	7.70	ng	96
72) Carbazole	11.77	167	285903	7.83	ng	97
73) Di-n-butylphthalate	12.10	149	334739	7.53	ng	98
74) Fluoranthene	12.76	202	271290	7.18	ng	89
76) Benzidine	12.87	184	132826	7.40	ng	97
77) Pyrene	12.99	202	295377	6.49	ng	96
79) Butylbenzylphthalate	13.61	149	148546	6.36	ng #	79
80) Benzo(a)anthracene	14.18	228	258775	6.76	ng	97
81) 3,3'-Dichlorobenzidine	14.14	252	76354	5.50	ng #	98
82) Chrysene	14.21	228	242518	6.88	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	210022	6.33	ng #	90
84) Di-n-octyl phthalate	14.80	149	333903	6.78	ng	96
85) Indeno(1,2,3-cd)pyrene	17.21	276	167335	6.66	ng	93
87) Benzo(b)fluoranthene	15.25	252	206277	6.49	ng	97
88) Benzo(k)fluoranthene	15.25	252	206277	6.91	ng #	93
89) Benzo(a)pyrene	15.63	252	174356	6.36	ng	98
90) Dibenzo(a,h)anthracene	17.22	278	139923	6.00	ng #	91
91) Benzo(g,h,i)perylene	17.65	276	133488	5.97	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

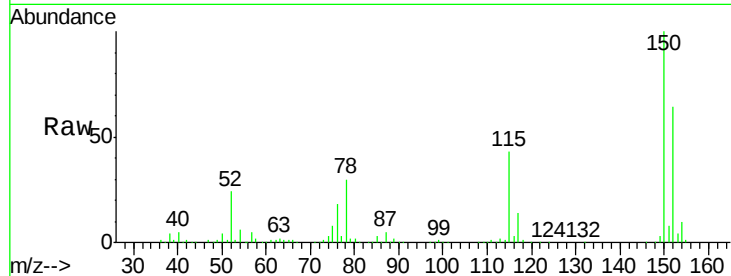
Tgt Ion:152 Resp: 230680

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

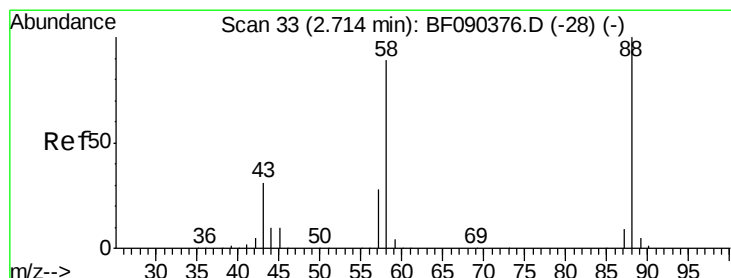
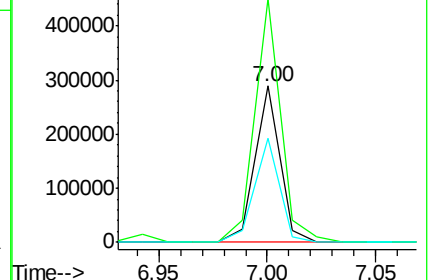
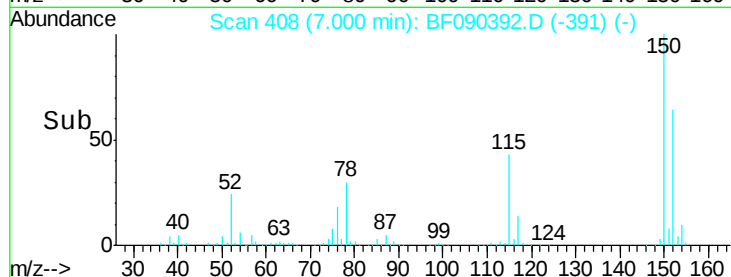
115 66.6 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 6.64 ng

RT: 2.81 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

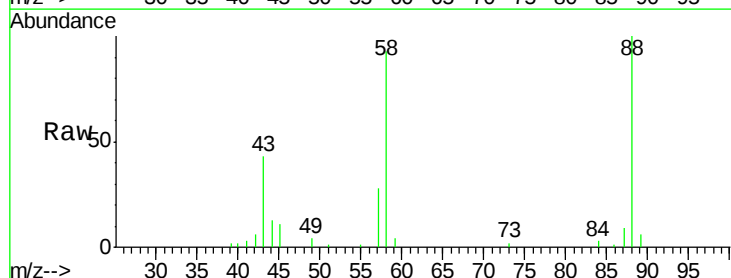
Tgt Ion: 88 Resp: 50605

Ion Ratio Lower Upper

88 100

58 86.8 71.2 106.8

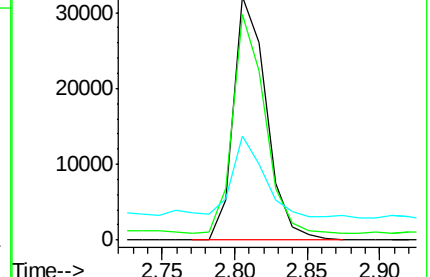
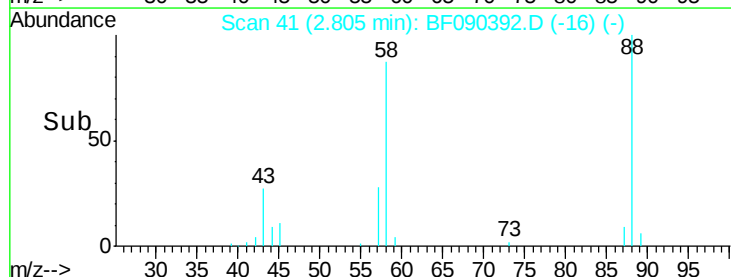
43 32.3 29.8 44.6

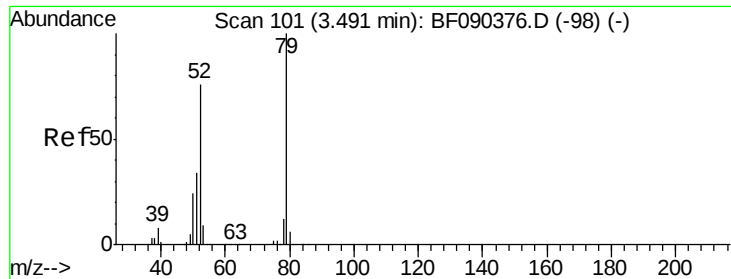


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 5.49 ng

RT: 3.59 min Scan# 110

Delta R.T. 0.10 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

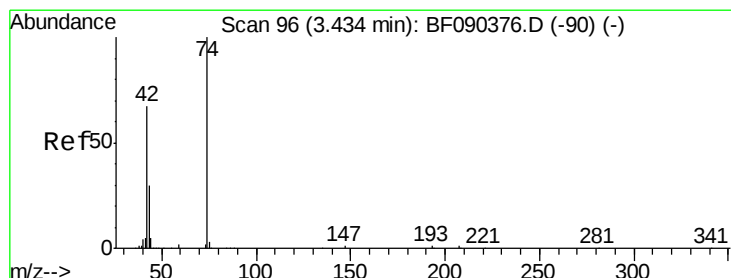
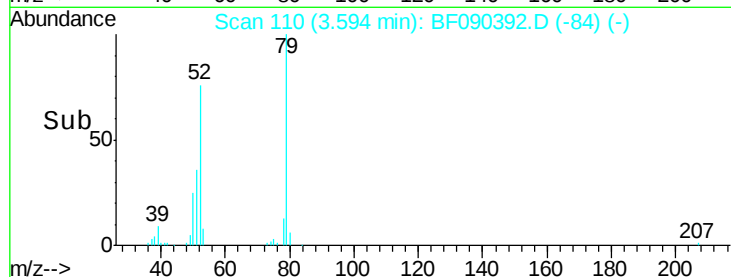
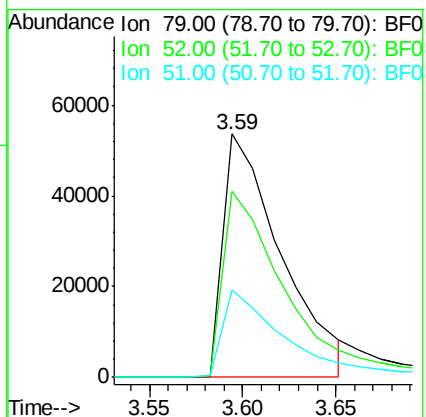
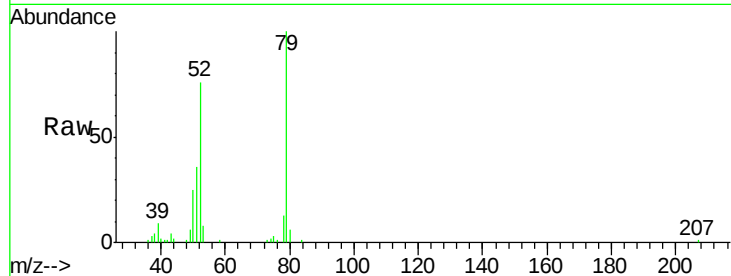
Tgt Ion: 79 Resp: 116703

Ion Ratio Lower Upper

79 100

52 76.4 71.3 106.9

51 35.8 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 6.75 ng

RT: 3.50 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

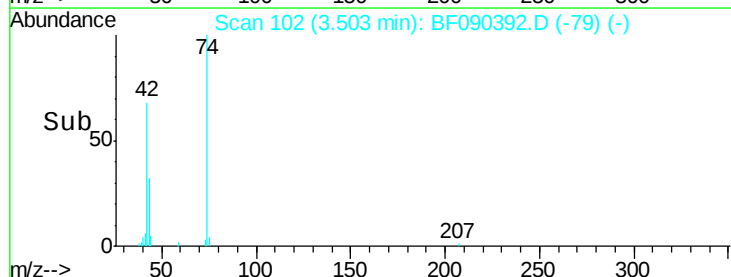
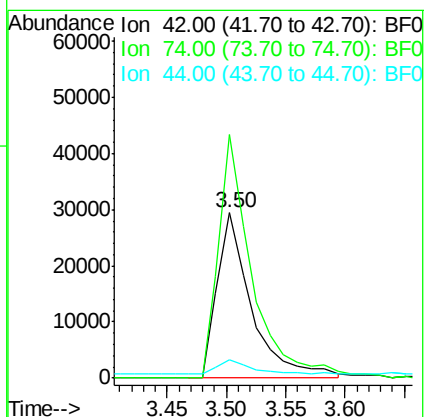
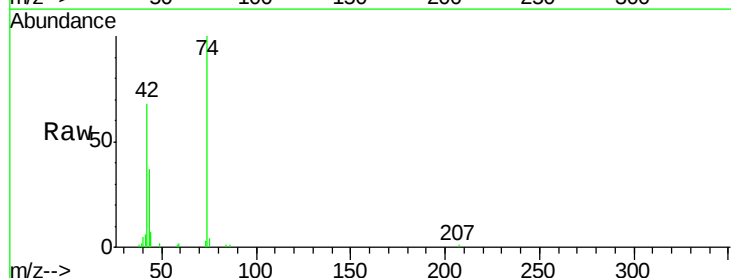
Tgt Ion: 42 Resp: 59153

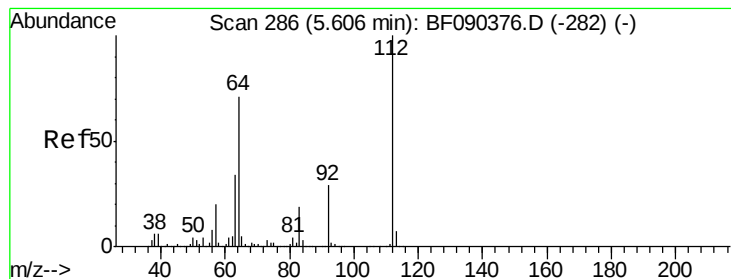
Ion Ratio Lower Upper

42 100

74 147.1 88.9 133.3#

44 10.7 6.5 9.7#





#5

2-Fluorophenol

Concen: 106.38 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

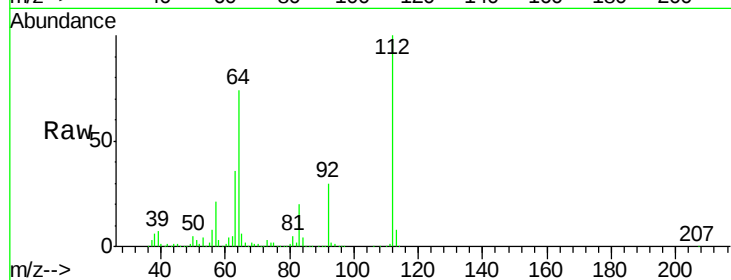
Tgt Ion: 112 Resp: 1644316

Ion Ratio Lower Upper

112 100

64 74.1 57.9 86.9

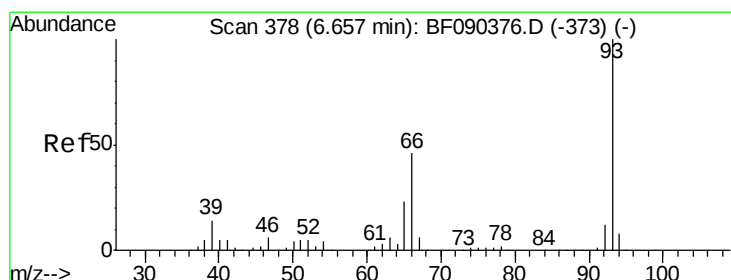
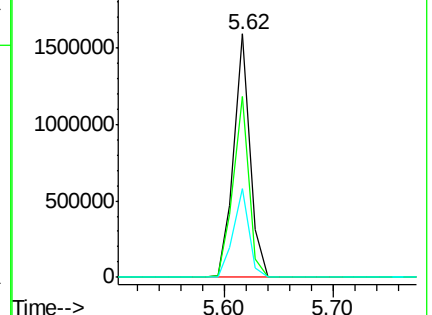
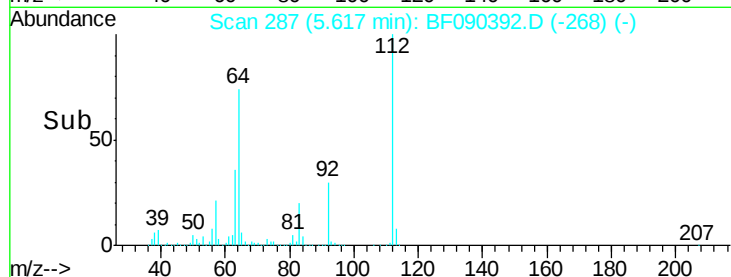
63 36.2 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.75 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

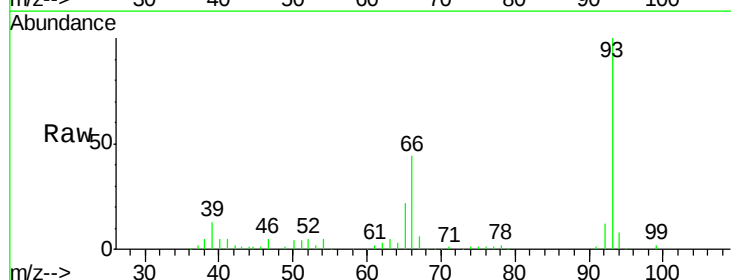
Tgt Ion: 93 Resp: 160852

Ion Ratio Lower Upper

93 100

66 44.3 34.5 51.7

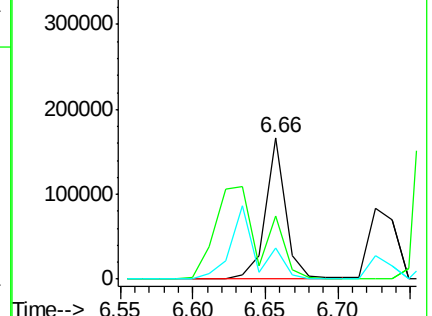
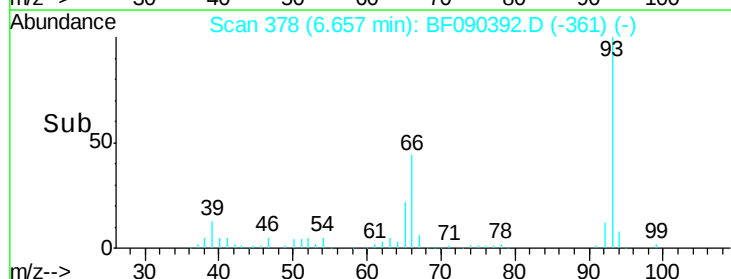
65 21.8 18.2 27.2

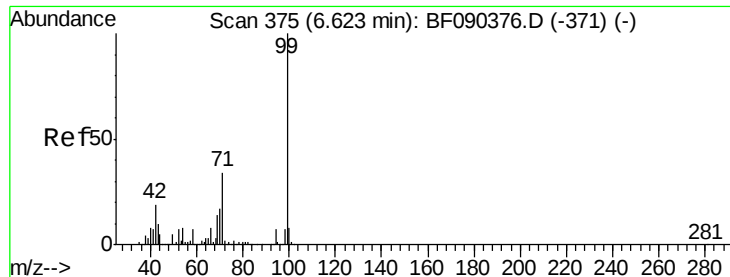


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.27 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

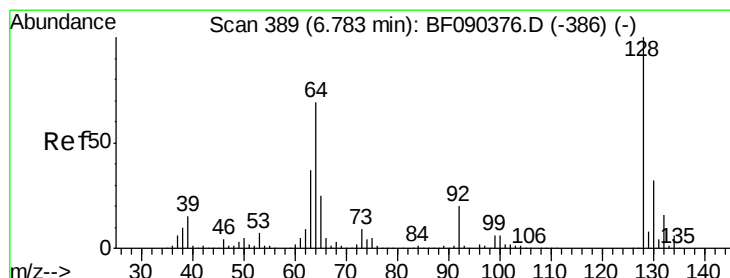
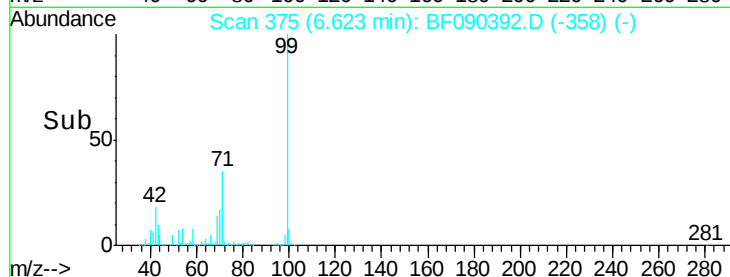
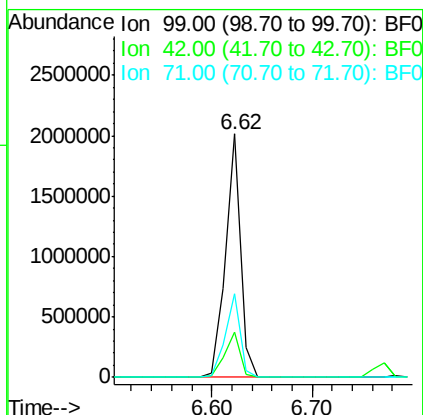
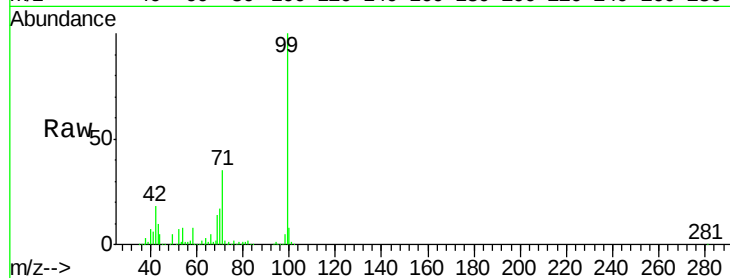
Tgt Ion: 99 Resp: 2090493

Ion Ratio Lower Upper

99 100

42 18.4 20.0 30.0#

71 34.5 27.9 41.9



#8

2-Chlorophenol

Concen: 7.15 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

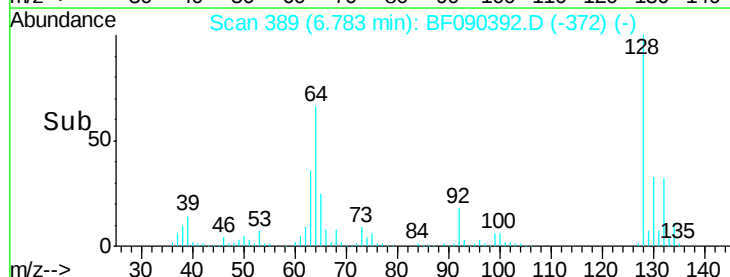
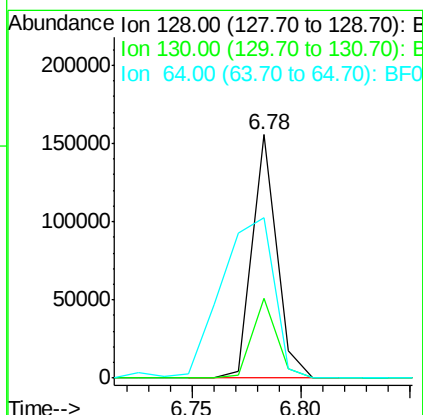
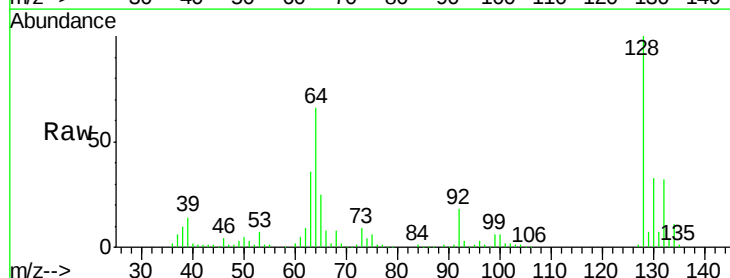
Tgt Ion: 128 Resp: 121694

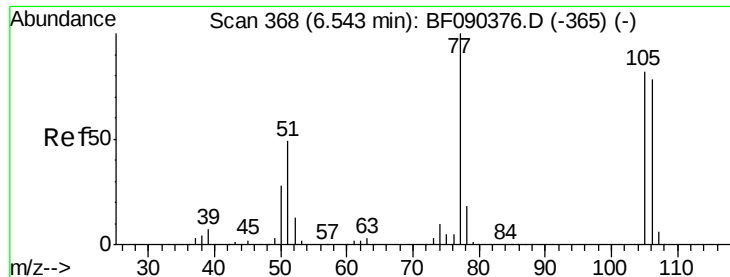
Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

64 65.8 36.0 76.0





#9

Benzaldehyde

Concen: 6.83 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

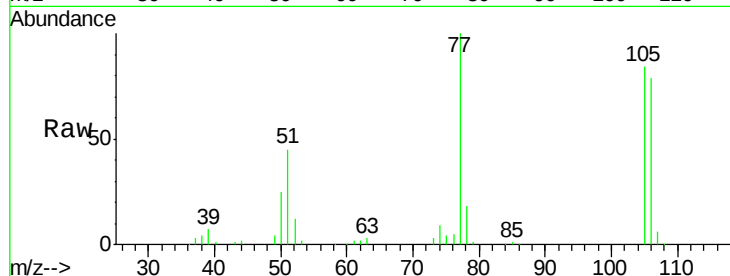
Tgt Ion: 77 Resp: 69849

Ion Ratio Lower Upper

77 100

105 83.8 73.1 113.1

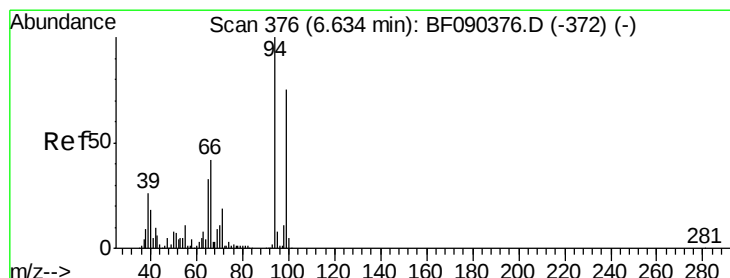
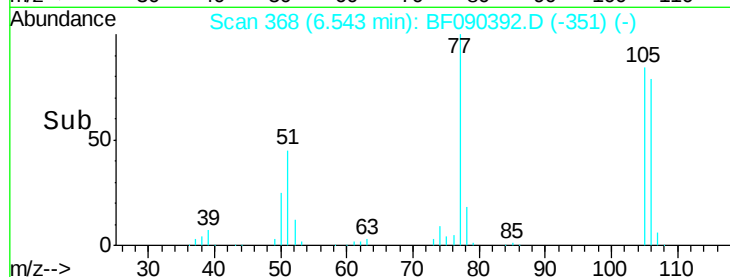
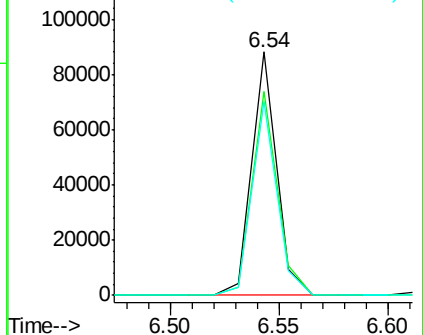
106 79.5 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 9.07 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

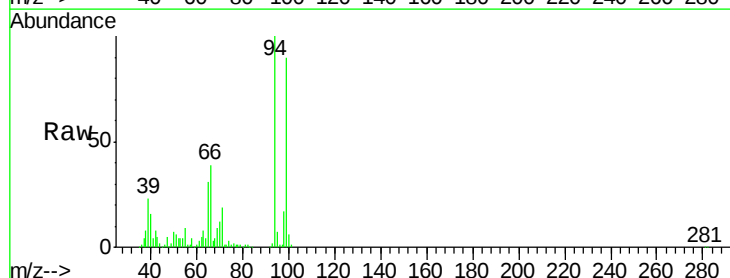
Tgt Ion: 94 Resp: 213562

Ion Ratio Lower Upper

94 100

65 31.0 13.3 53.3

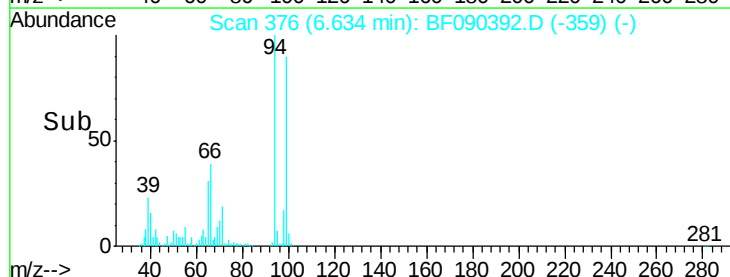
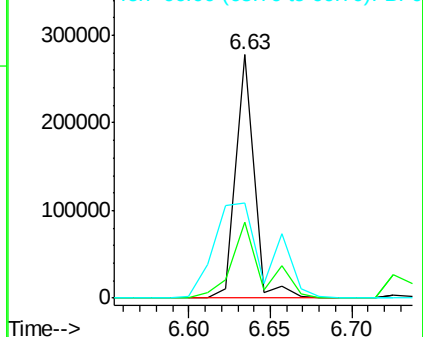
66 39.3 20.4 60.4

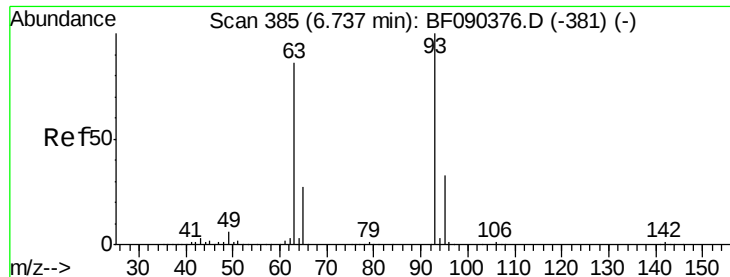


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

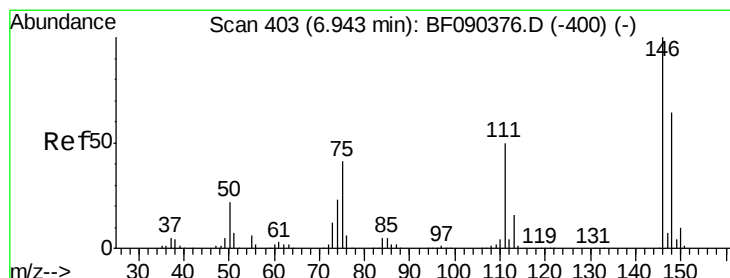
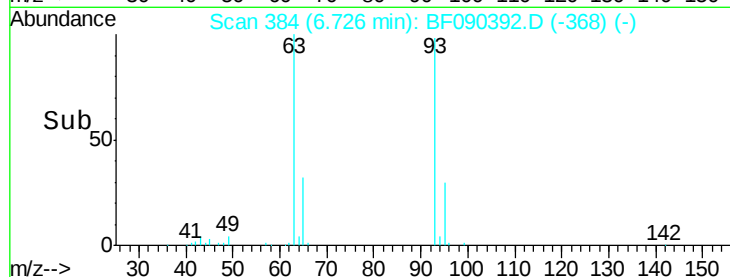
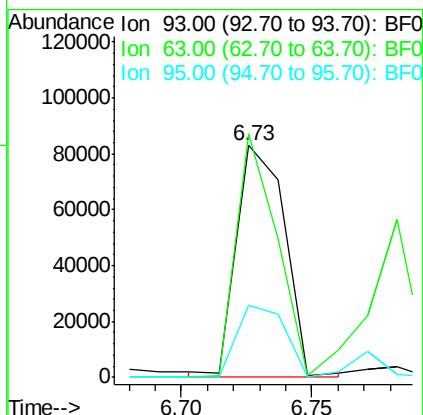
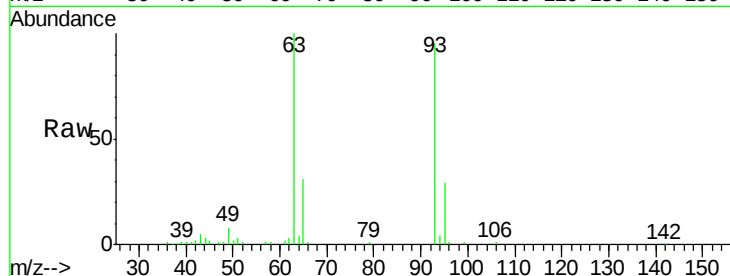




#11
bis(2-Chloroethyl)ether
Concen: 5.98 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

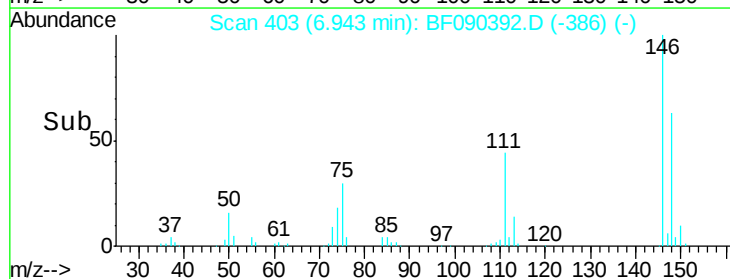
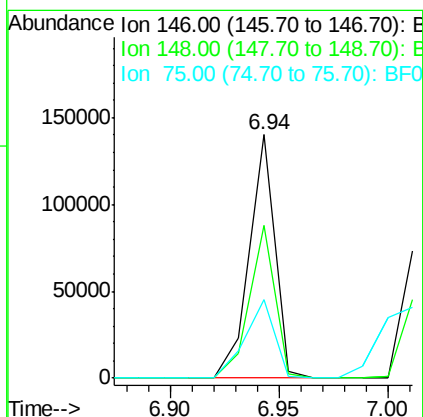
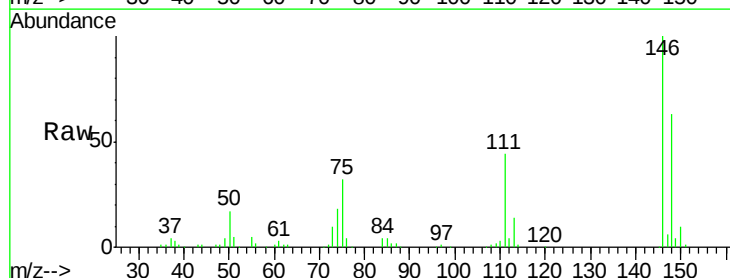
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

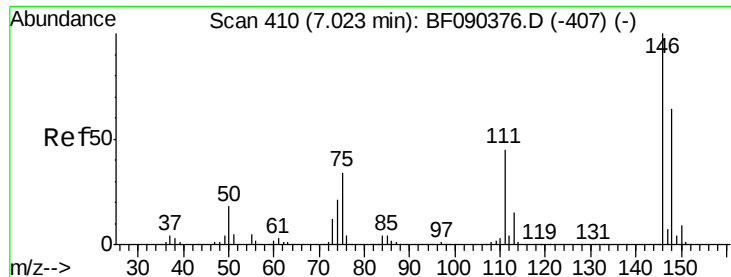
Tgt Ion: 93 Resp: 107680
Ion Ratio Lower Upper
93 100
63 105.1 59.7 99.7#
95 30.9 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 6.76 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion: 146 Resp: 114541
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.4
75 32.1 21.4 32.2

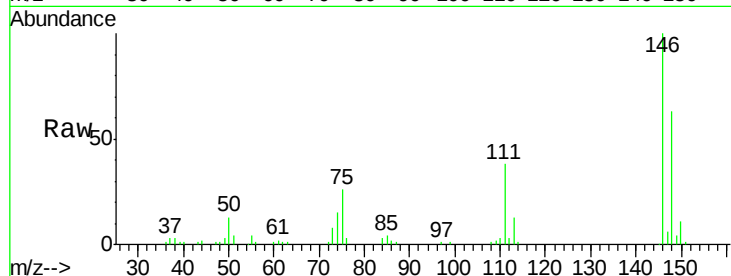




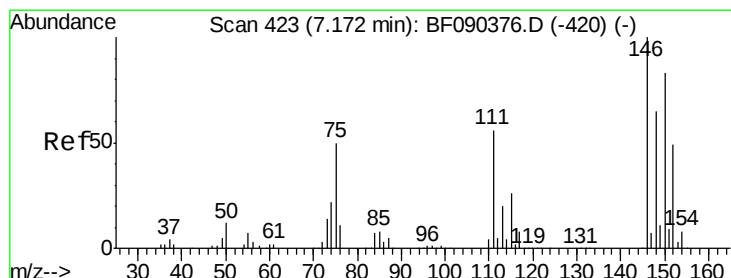
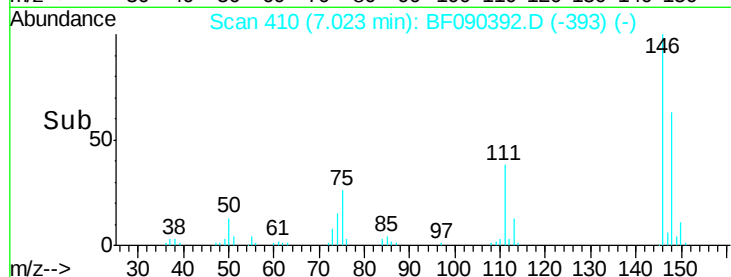
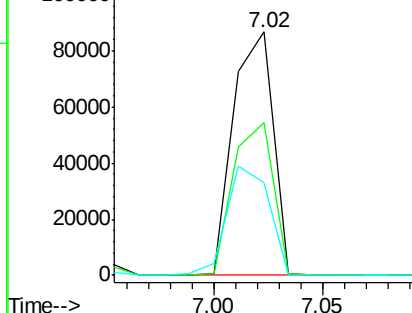
#13
 1,4-Dichlorobenzene
 Concen: 6.40 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:146 Resp: 110242
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 37.9 37.8 56.6

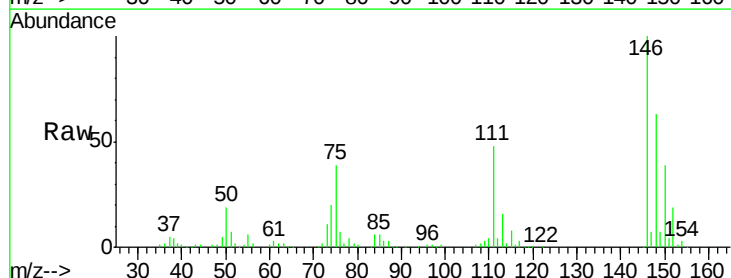


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

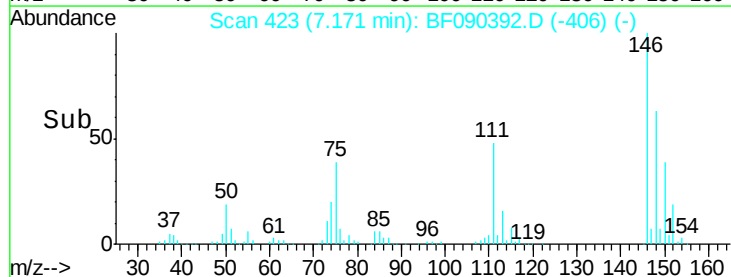
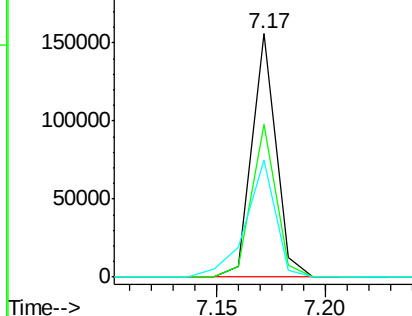


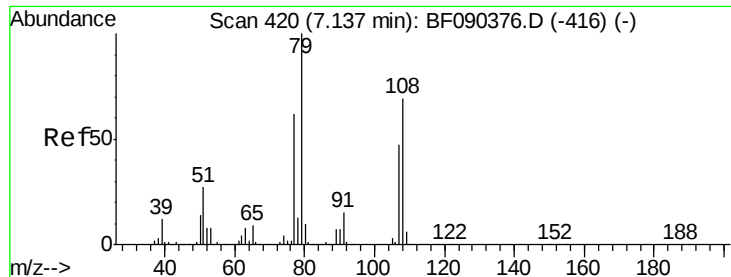
#14
 1,2-Dichlorobenzene
 Concen: 7.22 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:146 Resp: 119787
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.3 78.5
 111 47.8 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.82 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

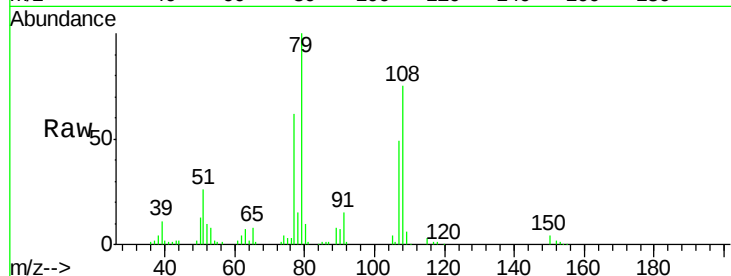
Tgt Ion: 79 Resp: 120415

Ion Ratio Lower Upper

79 100

108 74.9 60.9 91.3

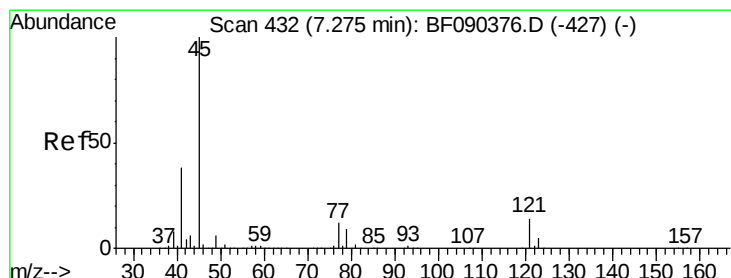
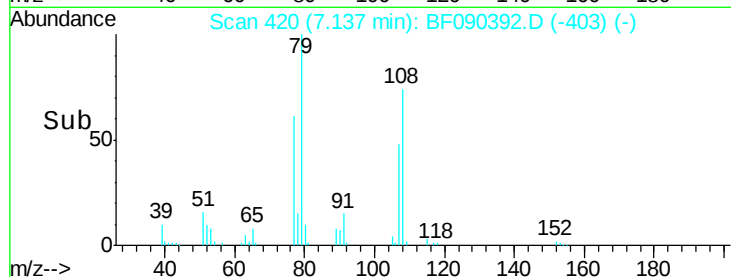
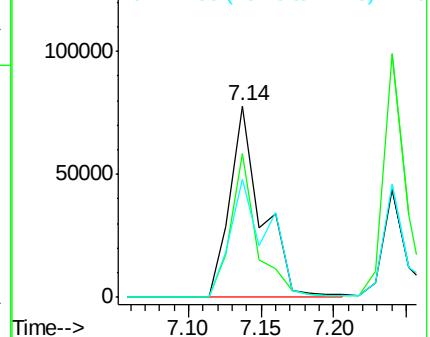
77 61.8 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.85 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

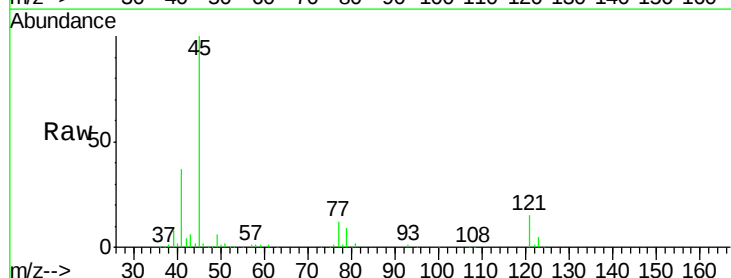
Tgt Ion: 45 Resp: 209238

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.8

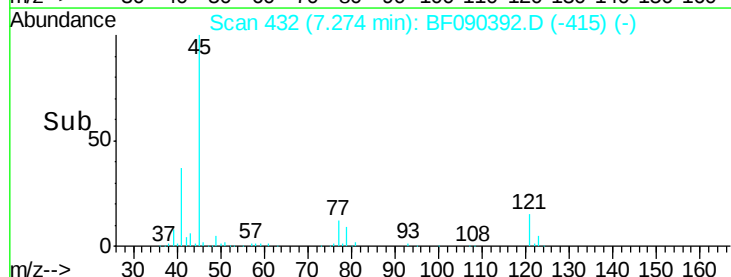
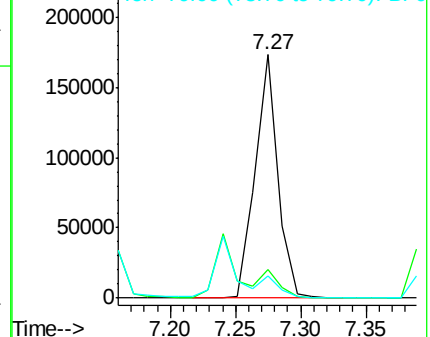
79 9.1 0.0 28.2

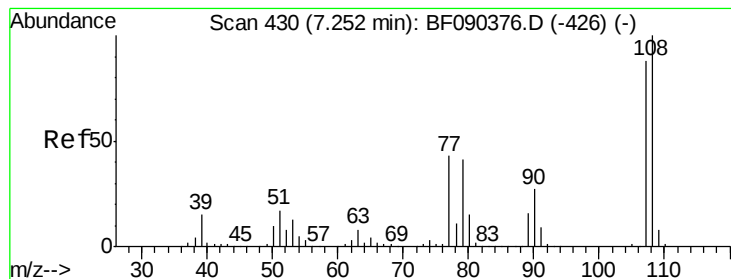


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

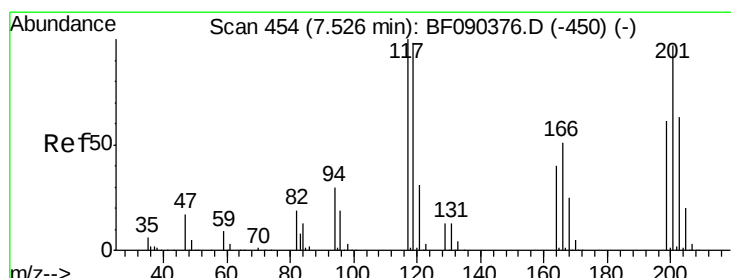
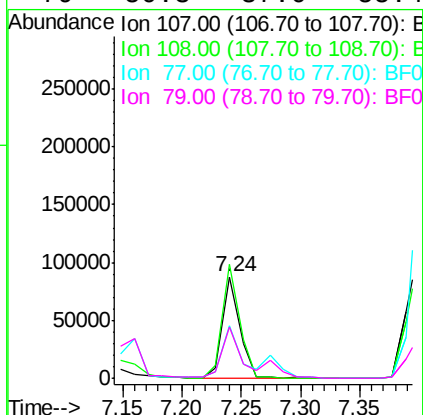
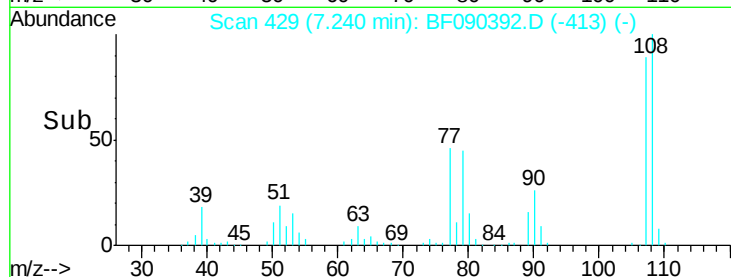
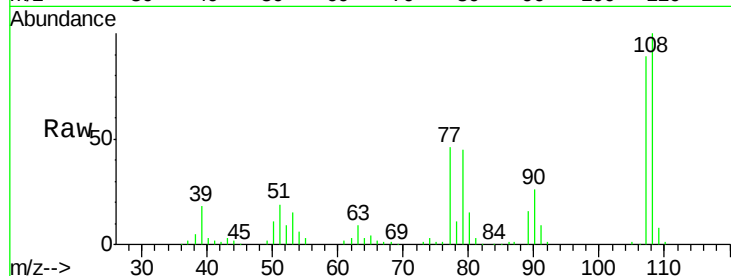




#17
2-Methylphenol
Concen: 6.39 ng
RT: 7.24 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

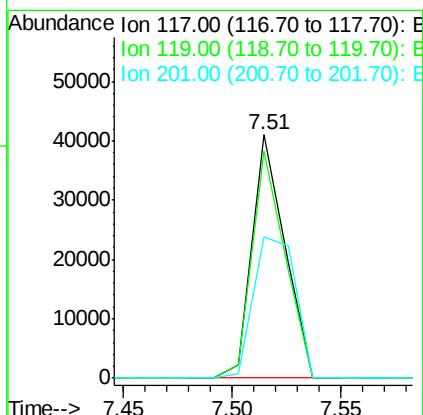
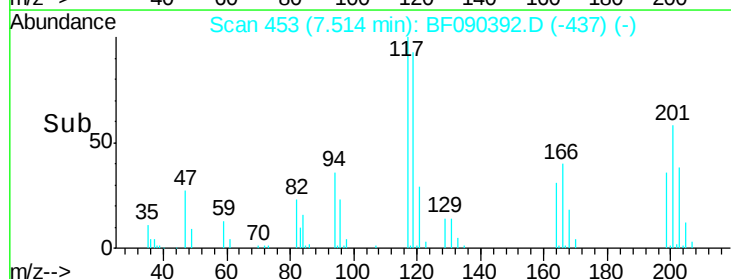
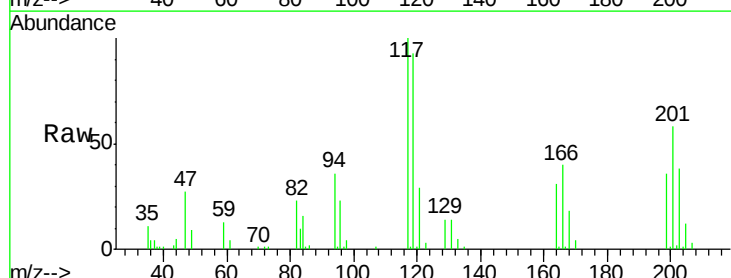
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

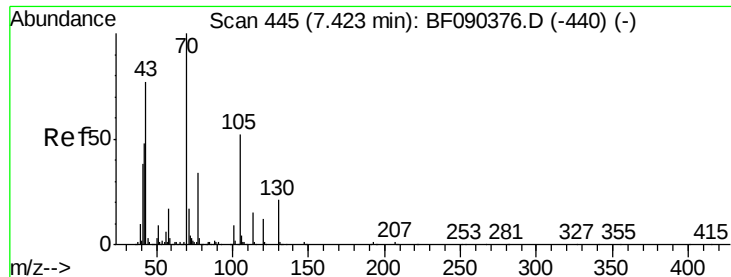
Tgt Ion:	107	Resp:	89337
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	52.2	38.2	57.4
79	50.3	37.0	55.4



#18
Hexachloroethane
Concen: 6.33 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:	117	Resp:	42976
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.9	113.9
201	57.8	66.5	99.7#

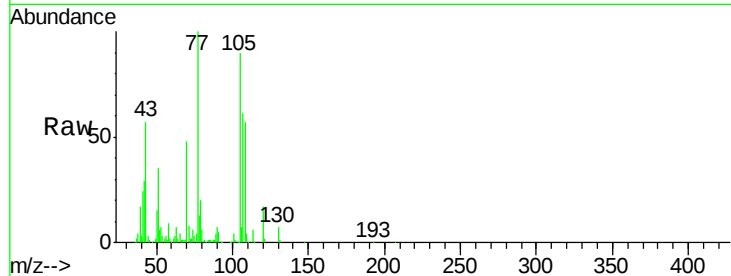




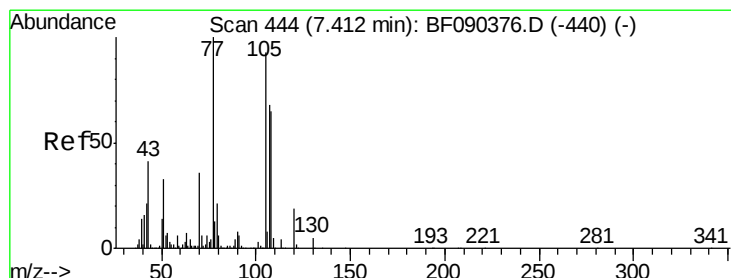
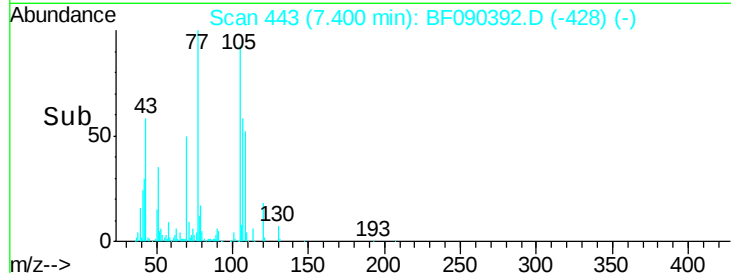
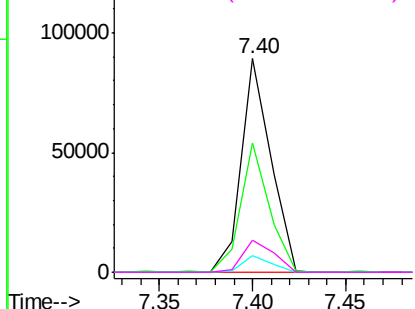
#19
n-Nitroso-di-n-propylamine
Concen: 6.60 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 70 Resp: 97995
Ion Ratio Lower Upper
70 100
42 60.8 55.4 83.2
101 7.8 7.6 11.4
130 15.0 16.5 24.7#



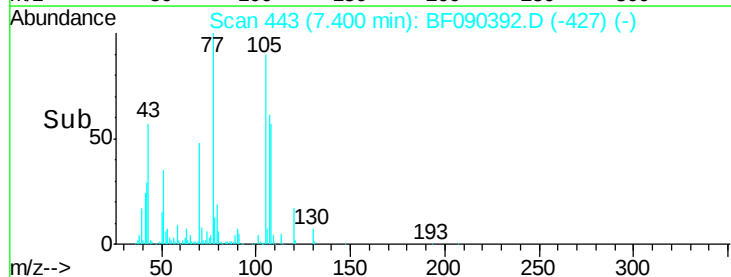
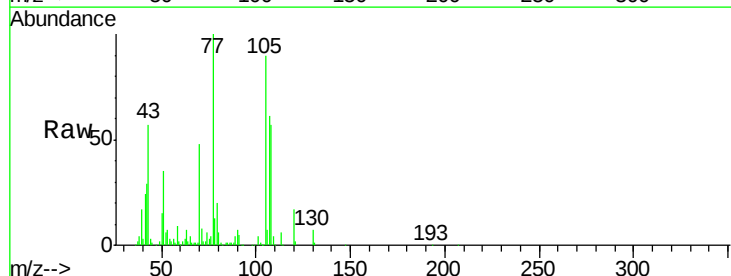
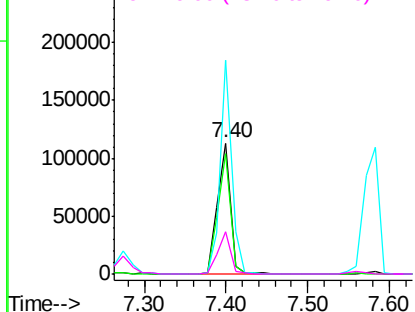
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

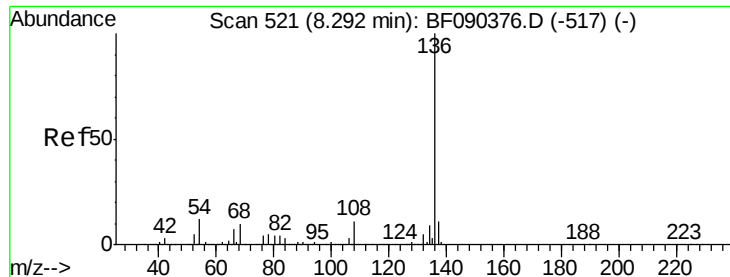


#20
3+4-Methylphenols
Concen: 6.95 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion: 107 Resp: 125916
Ion Ratio Lower Upper
107 100
108 92.2 66.7 106.7
77 162.9 53.7 93.7#
79 31.9 8.4 48.4

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

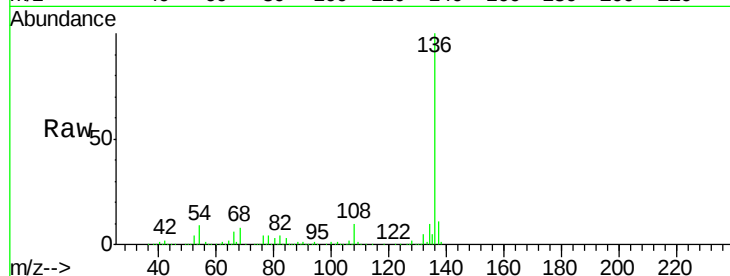




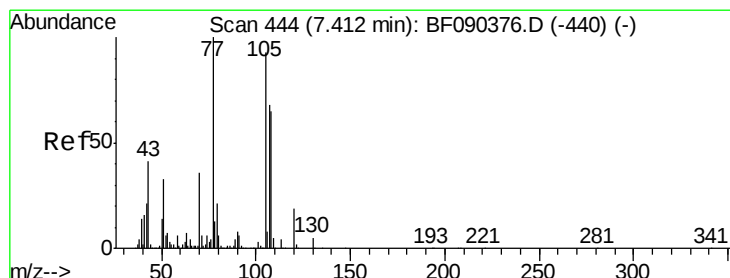
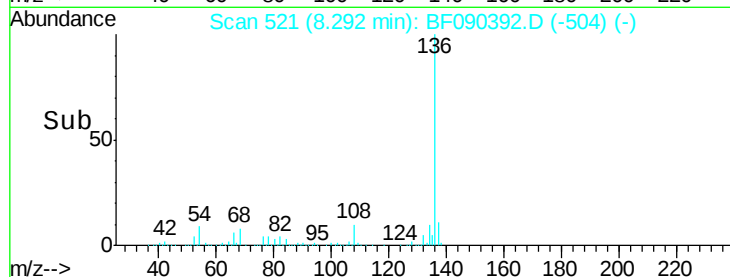
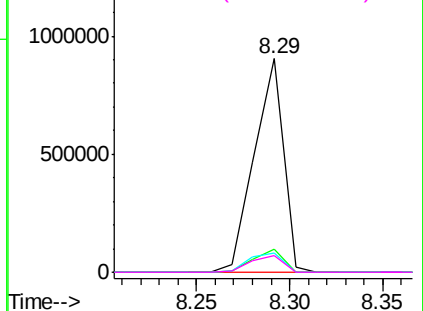
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:	136	Resp:	977752
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.2	6.6	10.0
68	8.0	5.0	7.6#

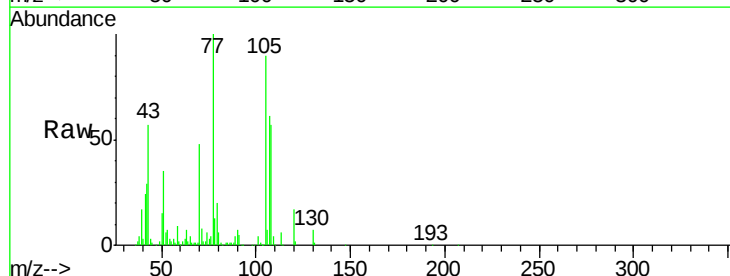


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

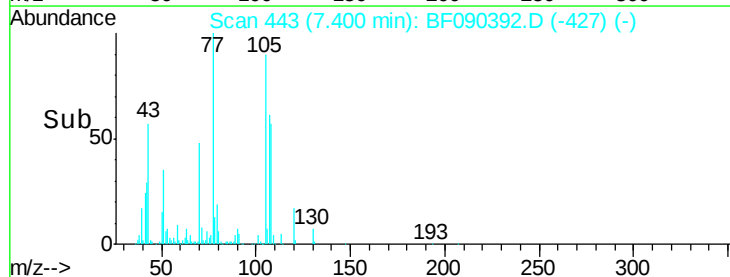
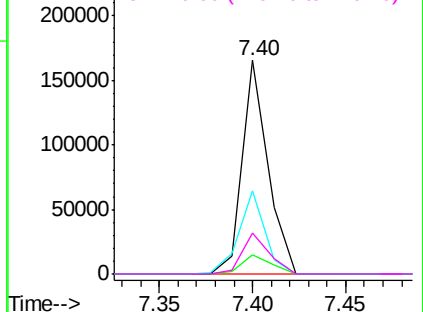


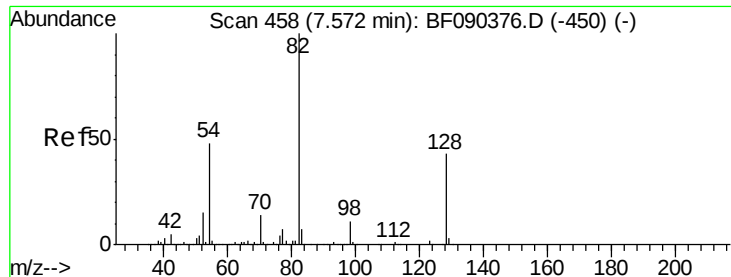
#22
Acetophenone
Concen: 6.86 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:	105	Resp:	158819
Ion	Ratio	Lower	Upper
105	100		
71	9.2	3.8	5.6#
51	39.0	28.2	42.4
120	19.1	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

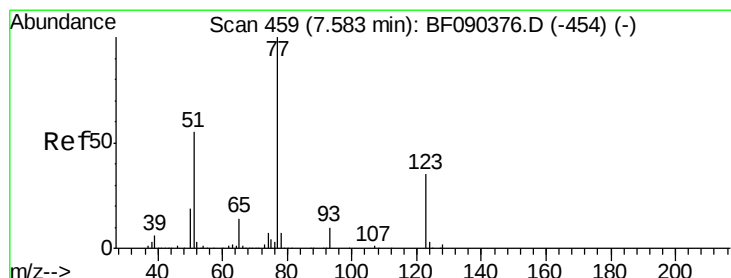
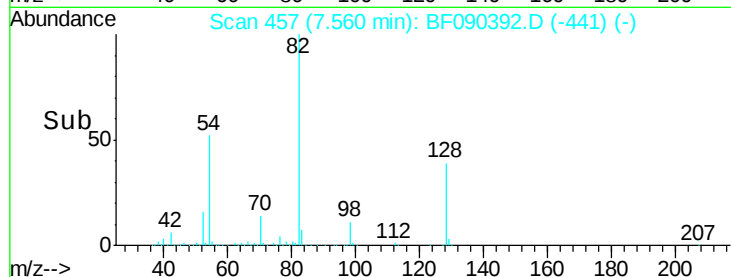
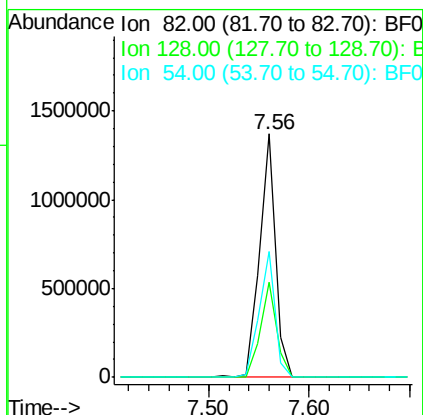
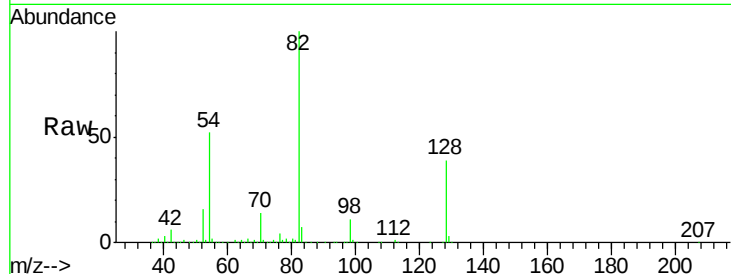




#23
 Nitrobenzene-d5
 Concen: 75.21 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

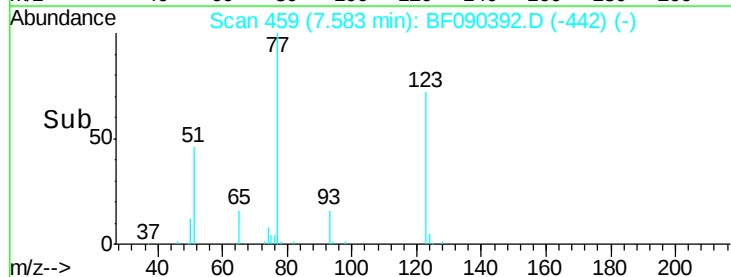
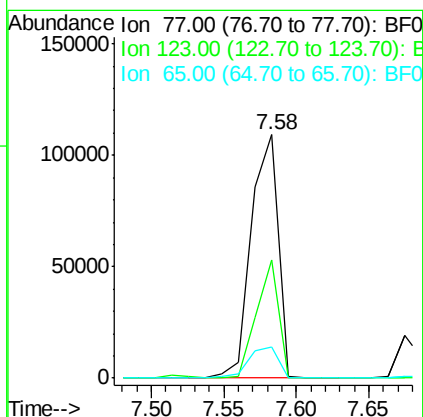
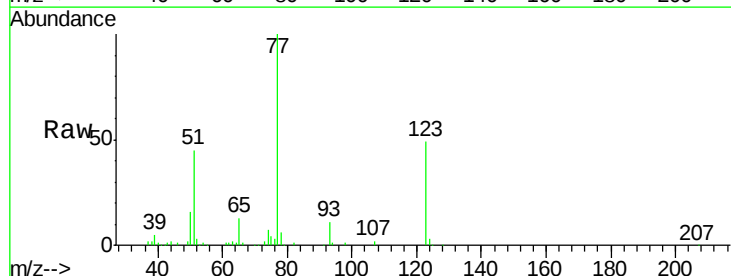
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

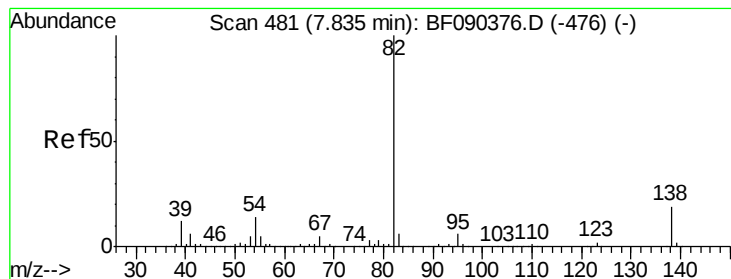
Tgt Ion: 82 Resp: 1511751
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.0 60.0#
 54 51.5 42.6 64.0



#24
 Nitrobenzene
 Concen: 7.04 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion: 77 Resp: 140498
 Ion Ratio Lower Upper
 77 100
 123 48.6 33.0 49.4
 65 13.0 12.0 18.0





#25

Isophorone

Concen: 6.58 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

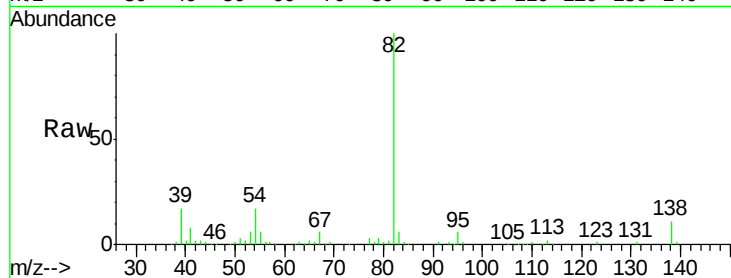
Tgt Ion: 82 Resp: 241674

Ion Ratio Lower Upper

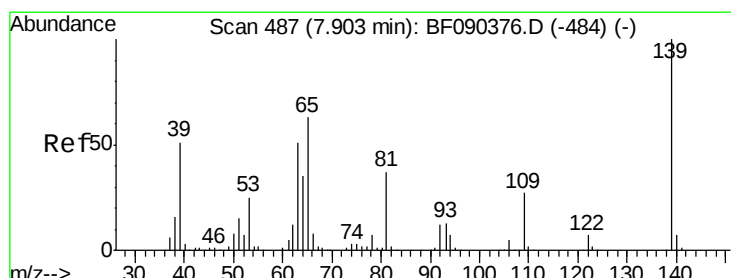
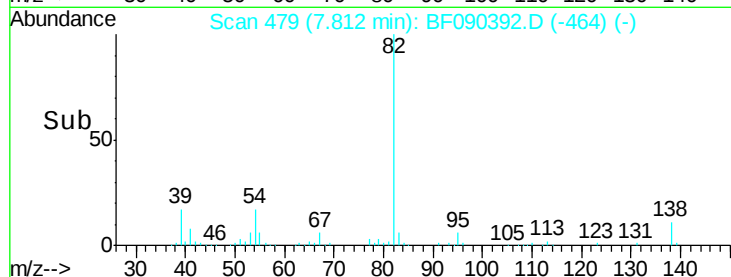
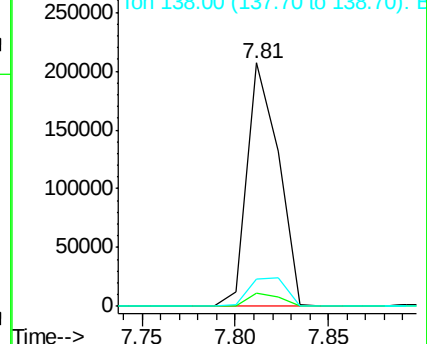
82 100

95 5.6 5.2 7.8

138 11.3 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 5.74 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

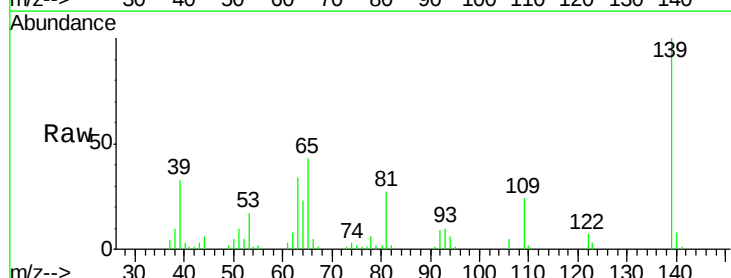
Tgt Ion: 139 Resp: 49319

Ion Ratio Lower Upper

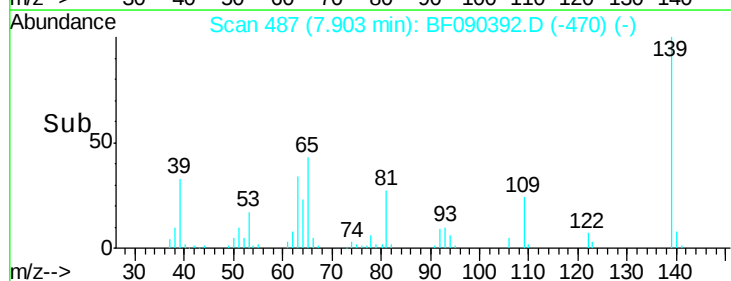
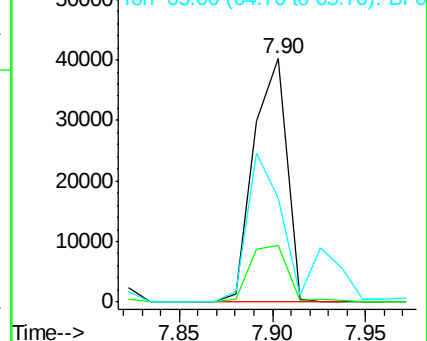
139 100

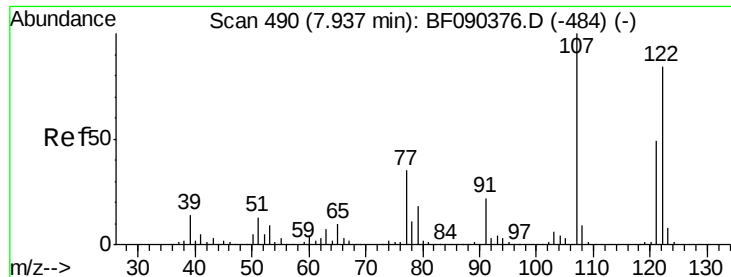
109 23.5 18.9 28.3

65 42.7 31.6 47.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 6.71 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

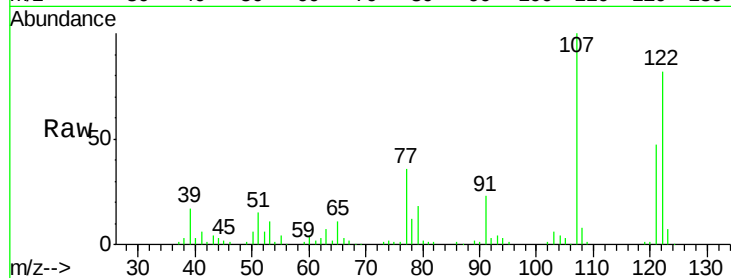
Tgt Ion:122 Resp: 112010

Ion Ratio Lower Upper

122 100

107 122.6 88.6 132.8

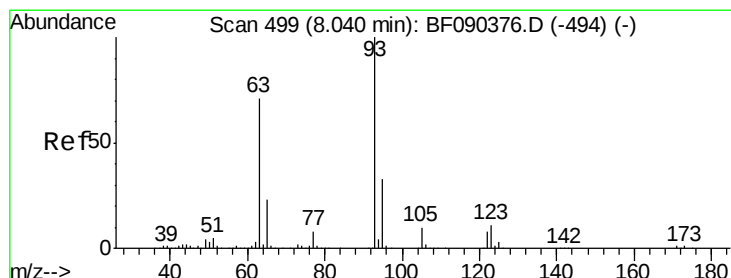
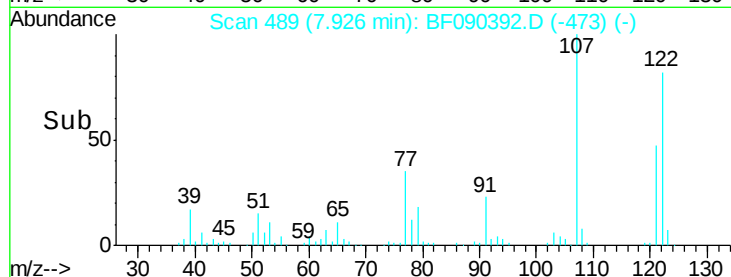
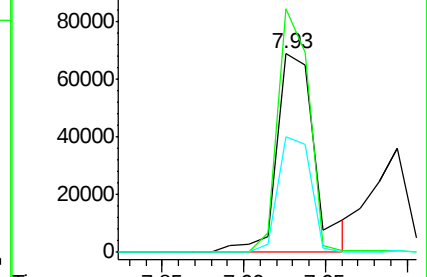
121 58.1 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 6.81 ng

RT: 8.03 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

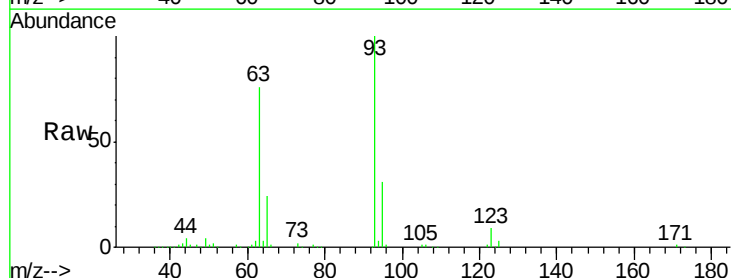
Tgt Ion: 93 Resp: 148121

Ion Ratio Lower Upper

93 100

95 31.2 27.0 40.4

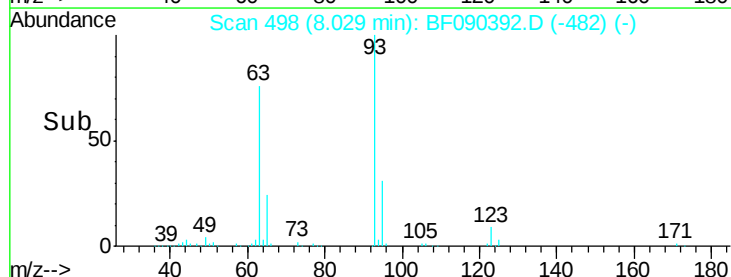
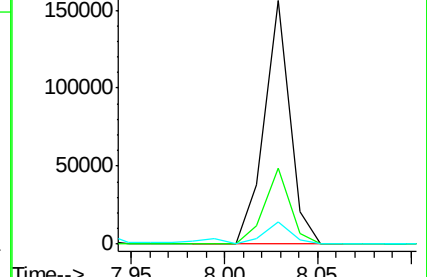
123 9.0 11.1 16.7#

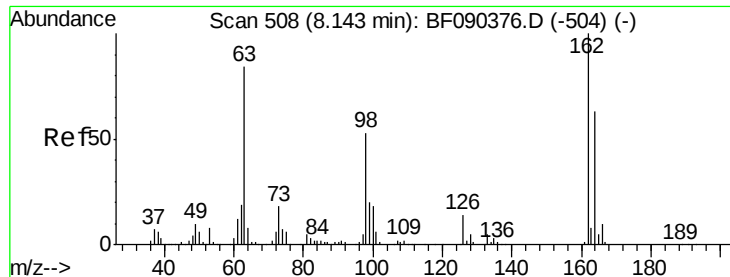


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

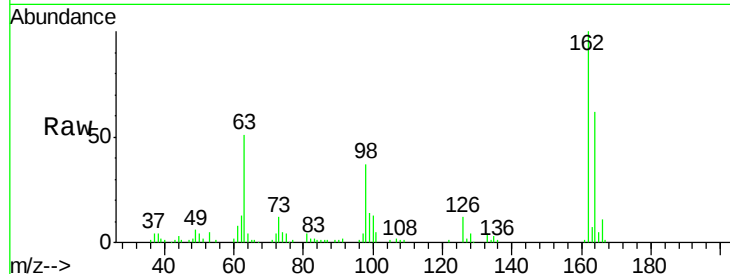




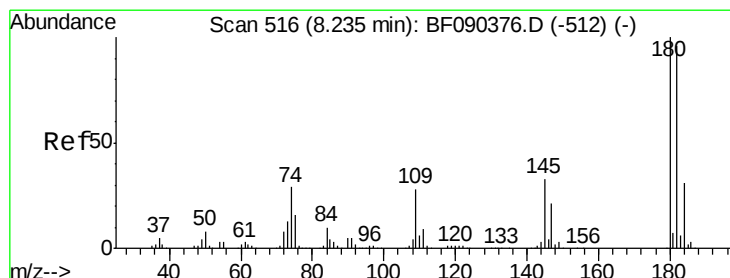
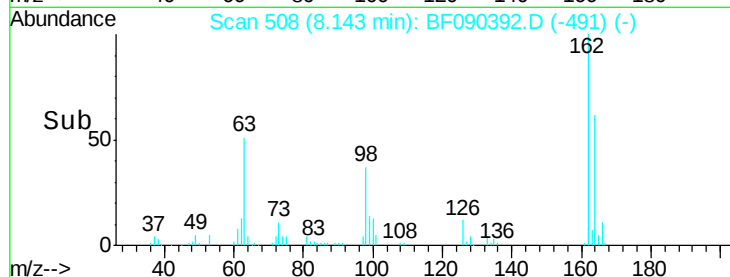
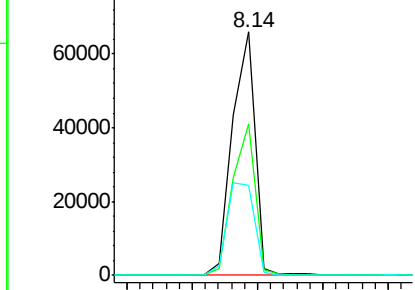
#29
 2,4-Dichlorophenol
 Concen: 6.25 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:162 Resp: 79401
 Ion Ratio Lower Upper
 162 100
 164 62.3 45.7 85.7
 98 36.9 13.3 53.3

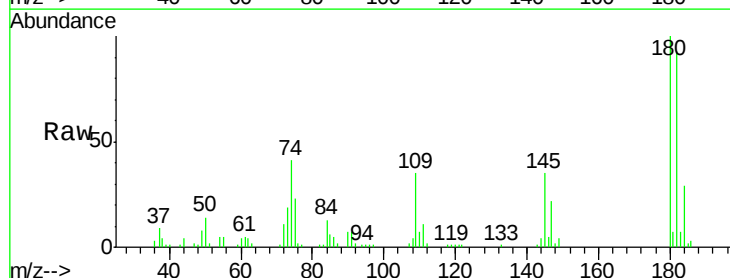


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

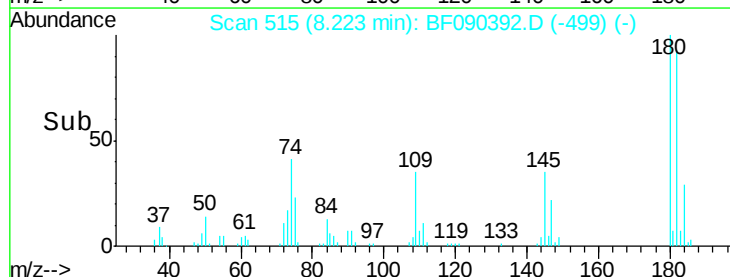
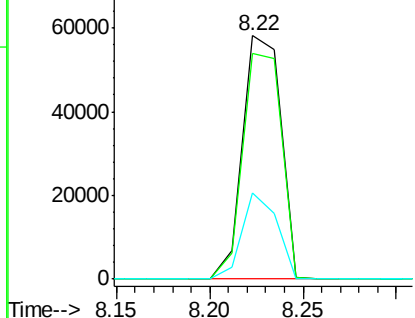


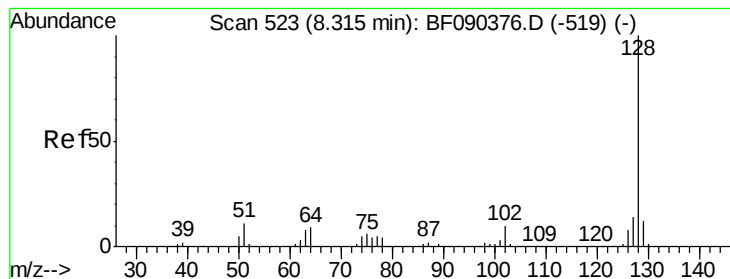
#30
 1,2,4-Trichlorobenzene
 Concen: 6.31 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:180 Resp: 82551
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.3 112.9
 145 35.4 27.7 41.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 6.83 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

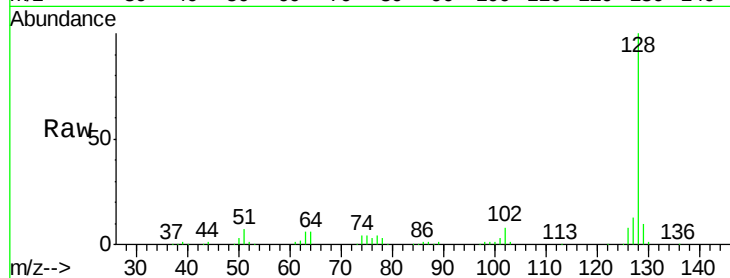
Tgt Ion:128 Resp: 322407

Ion Ratio Lower Upper

128 100

129 10.4 9.7 14.5

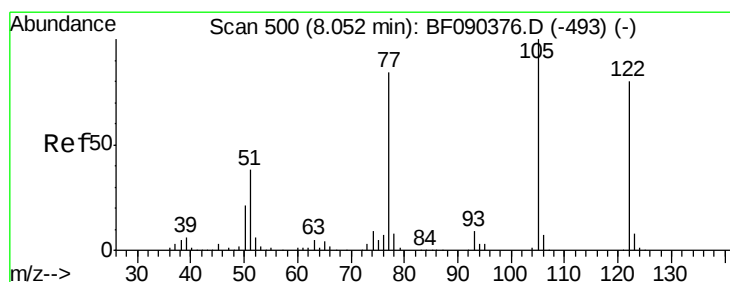
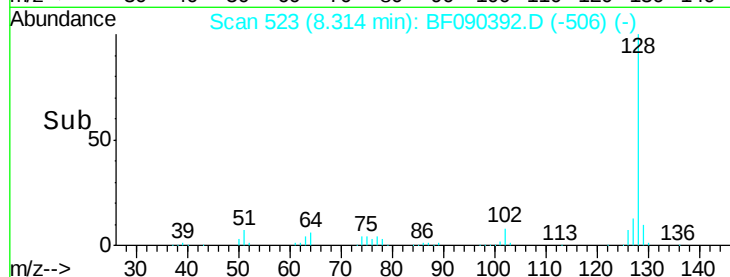
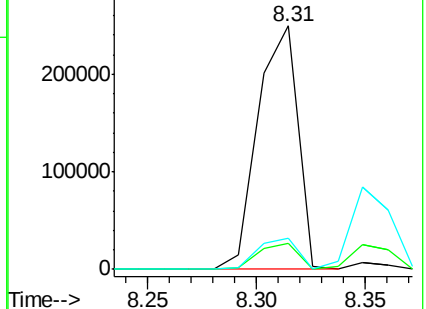
127 12.9 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.38 ng

RT: 7.99 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

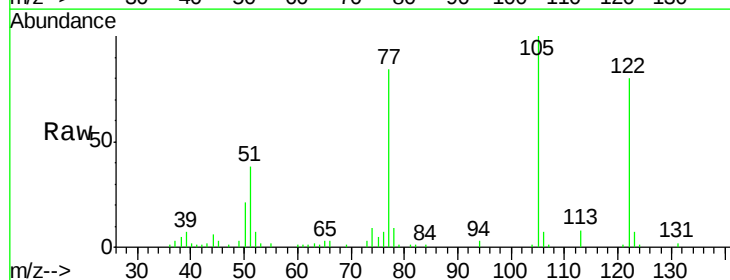
Tgt Ion:122 Resp: 62472

Ion Ratio Lower Upper

122 100

105 124.7 103.9 143.9

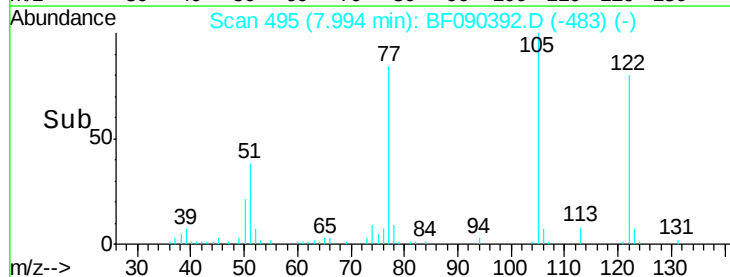
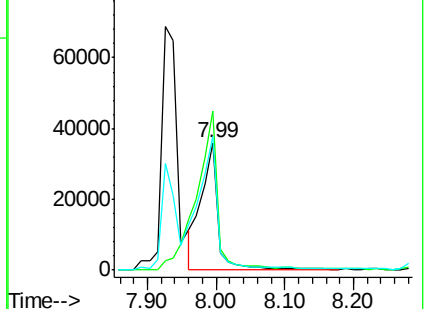
77 104.5 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

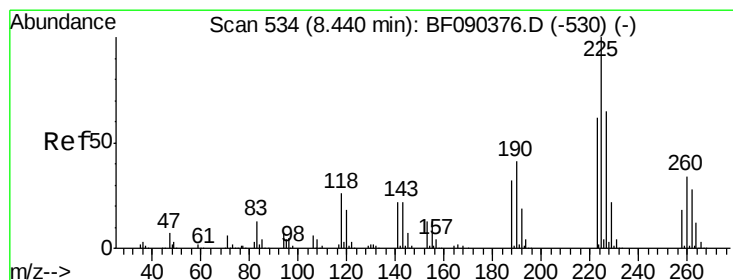
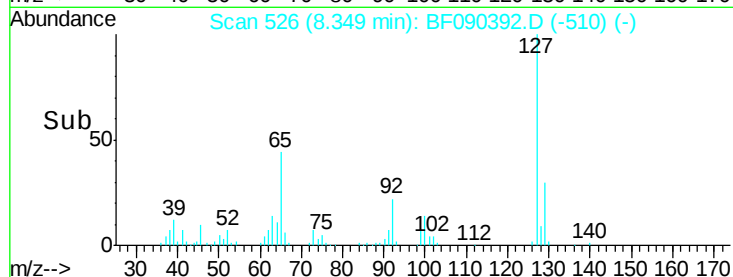
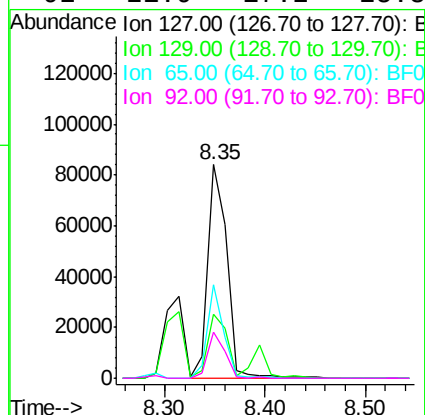
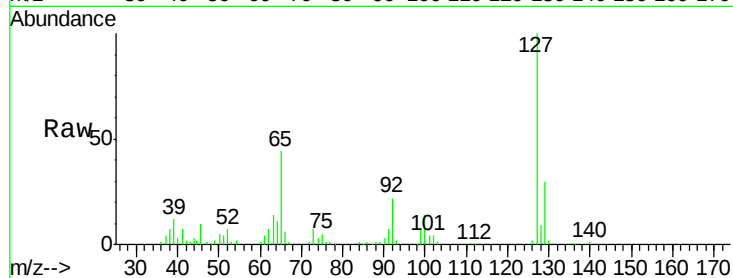




#33
4-Chloroaniline
Concen: 5.70 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

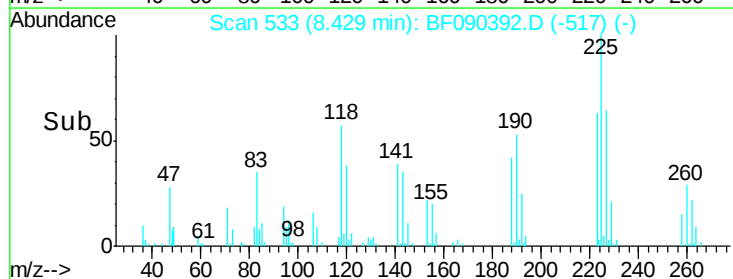
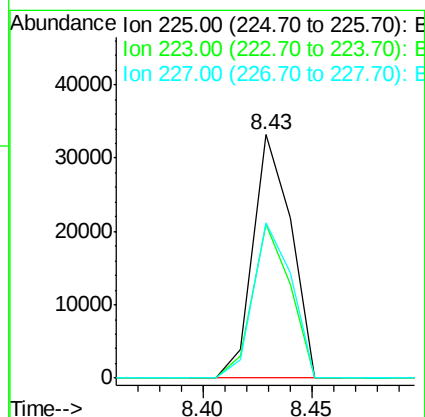
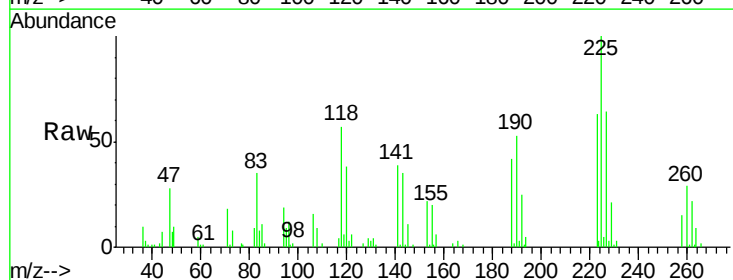
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:	127	Resp:	111103
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.4
65	44.0	32.5	48.7
92	21.9	17.2	25.8



#34
Hexachlorobutadiene
Concen: 5.53 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:	225	Resp:	40443
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.4
227	64.0	50.8	76.2





#35

Caprolactam

Concen: 6.08 ng

RT: 8.68 min Scan# 555

Delta R.T. -0.06 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

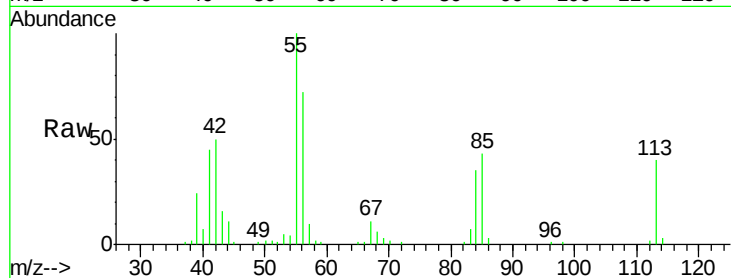
Tgt Ion:113 Resp: 25959

Ion Ratio Lower Upper

113 100

55 250.2 203.3 243.3#

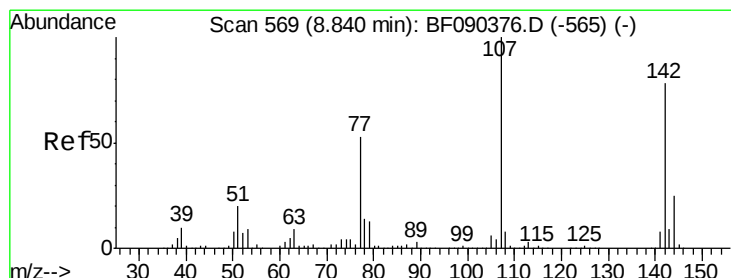
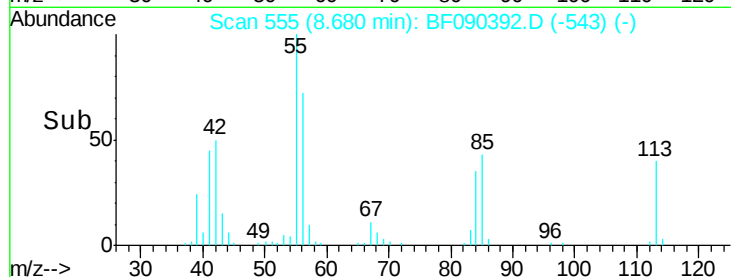
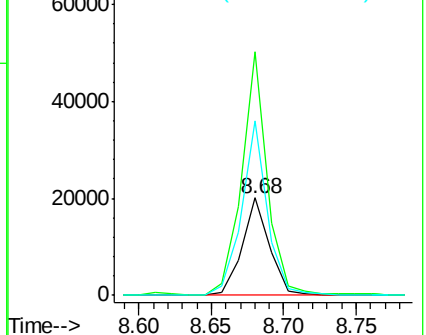
56 180.0 140.5 180.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 6.74 ng

RT: 8.83 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

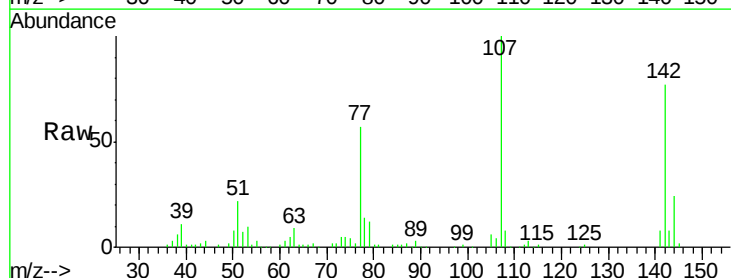
Tgt Ion:107 Resp: 107205

Ion Ratio Lower Upper

107 100

144 24.1 19.8 29.8

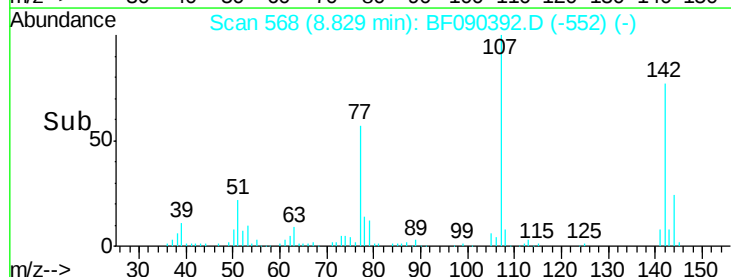
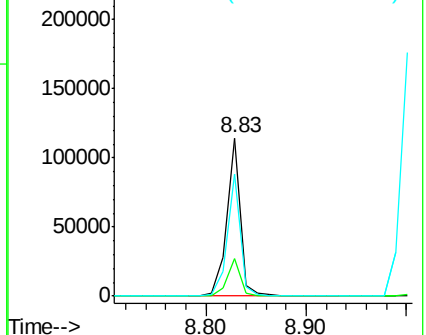
142 76.9 60.7 91.1

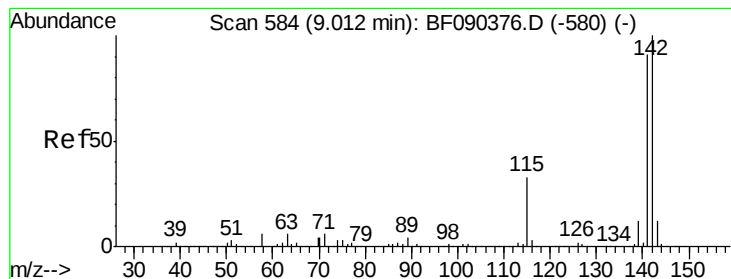


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.66 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

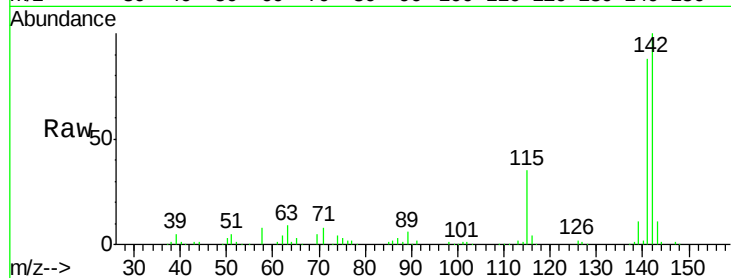
Tgt Ion:142 Resp: 190037

Ion Ratio Lower Upper

142 100

141 88.2 71.8 107.8

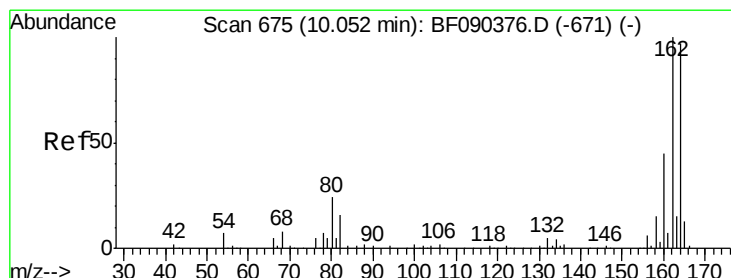
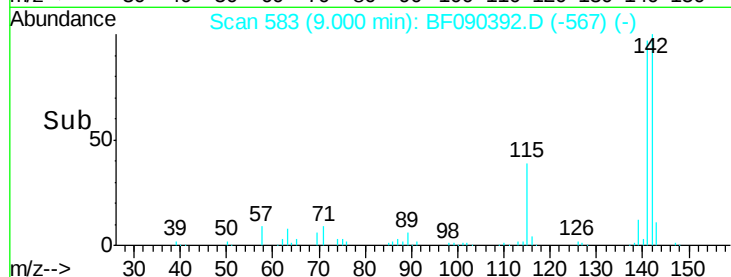
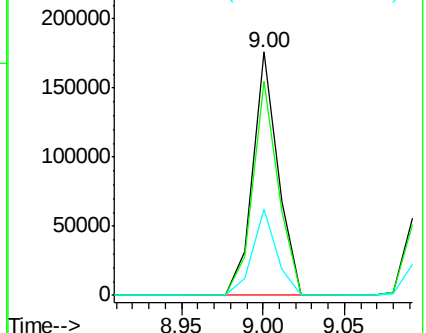
115 35.2 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

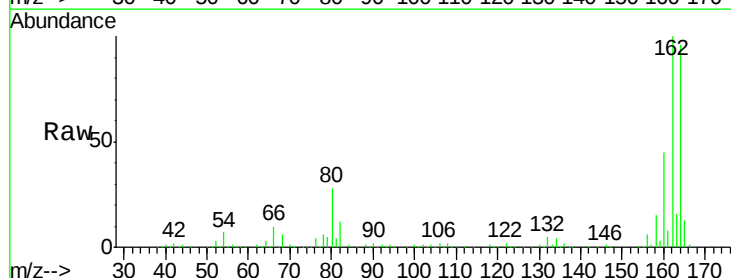
Tgt Ion:164 Resp: 498950

Ion Ratio Lower Upper

164 100

162 104.2 80.1 120.1

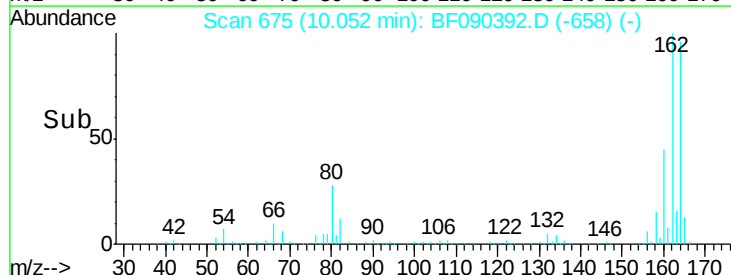
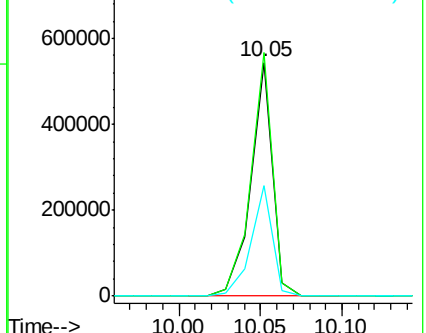
160 47.1 36.3 54.5

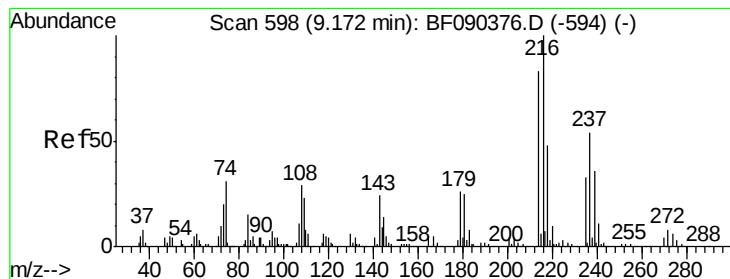


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.11 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:216 Resp: 80441

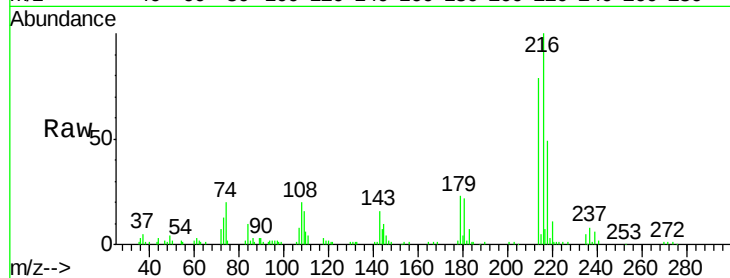
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 23.4 18.0 27.0

108 25.2 15.2 22.8#

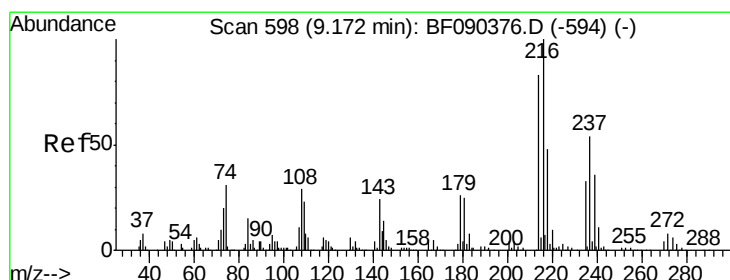
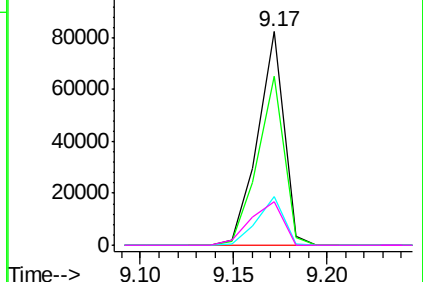
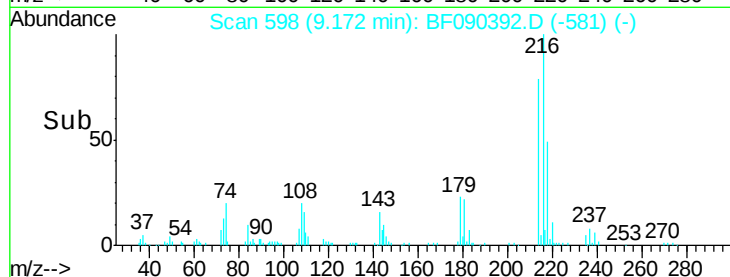


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 5.16 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

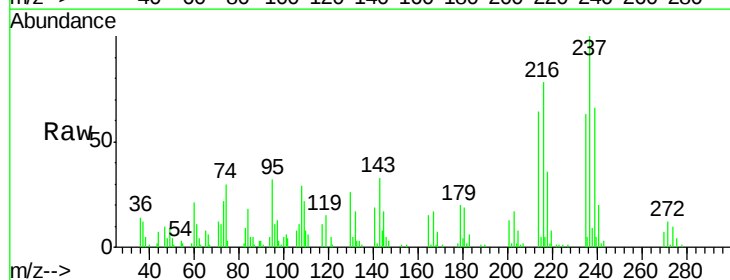
Tgt Ion:237 Resp: 37201

Ion Ratio Lower Upper

237 100

235 62.7 43.6 83.6

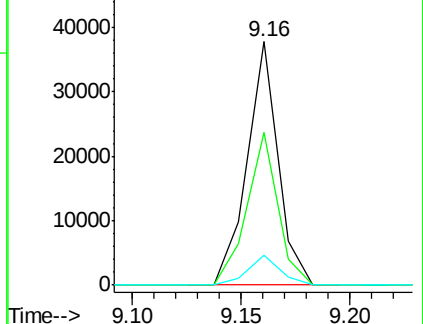
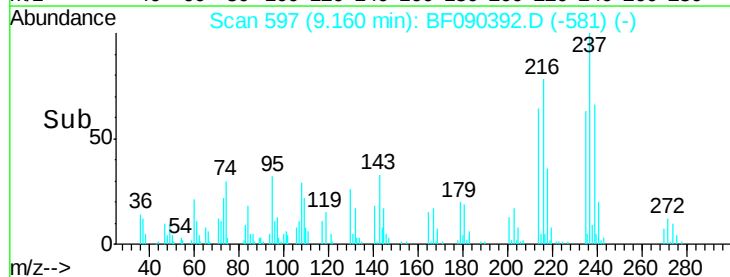
272 12.1 0.0 32.7

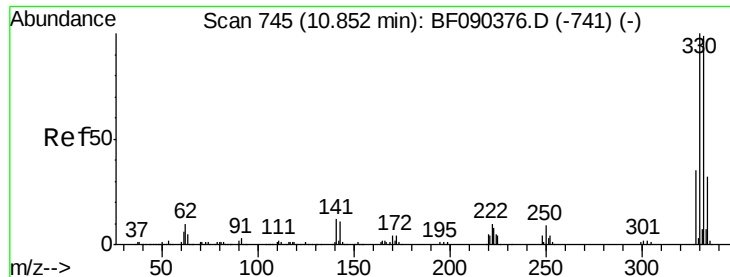


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

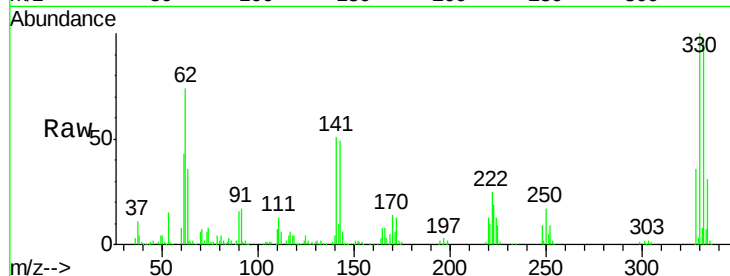




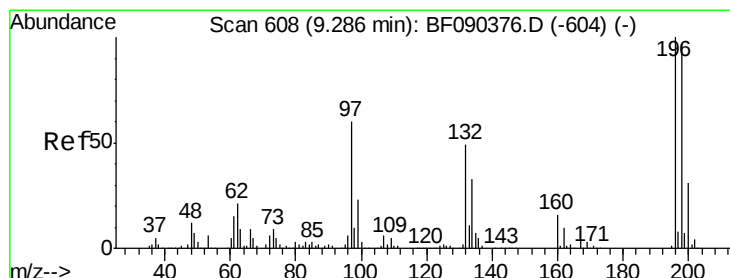
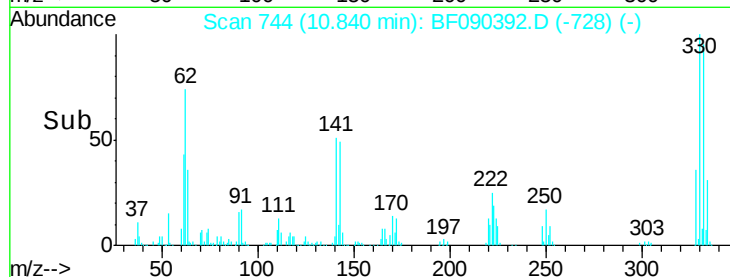
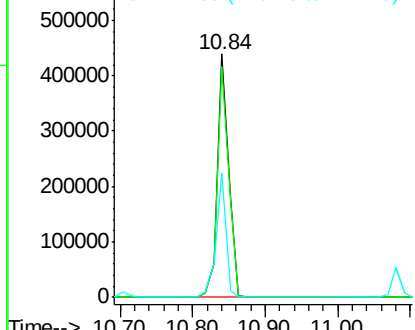
#41
 2,4,6-Tribromophenol
 Concen: 117.35 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:330 Resp: 476101
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 44.9 26.9 40.3#

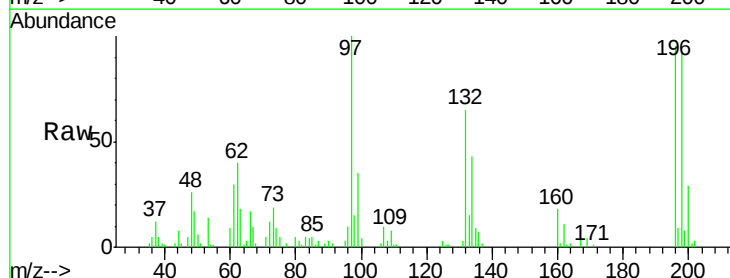


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

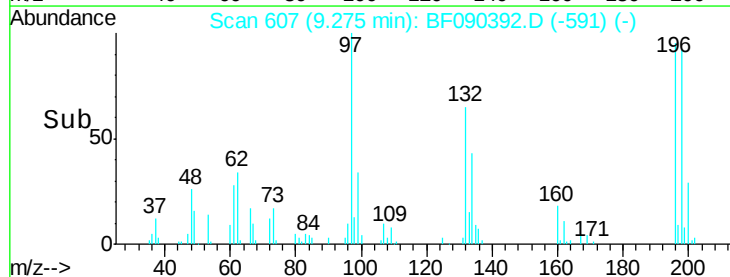
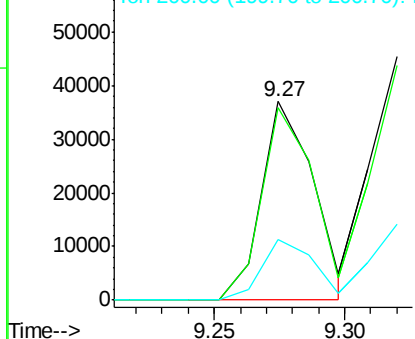


#42
 2,4,6-Trichlorophenol
 Concen: 5.63 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:196 Resp: 51087
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.9 118.3
 200 30.7 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

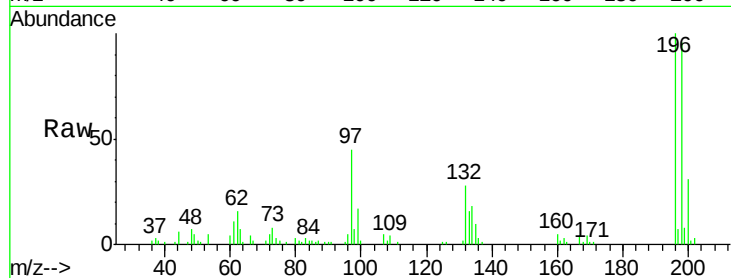




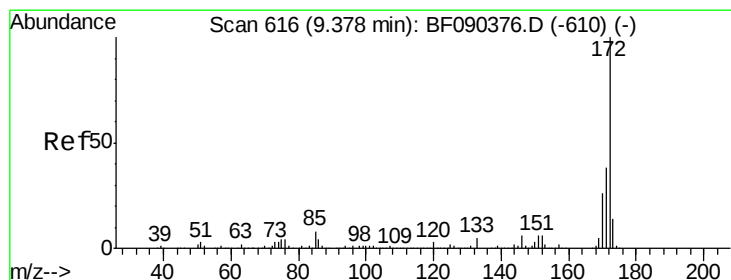
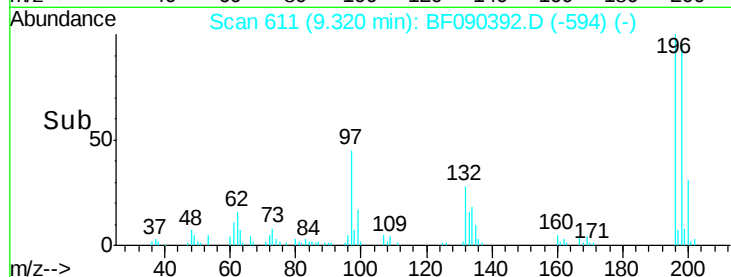
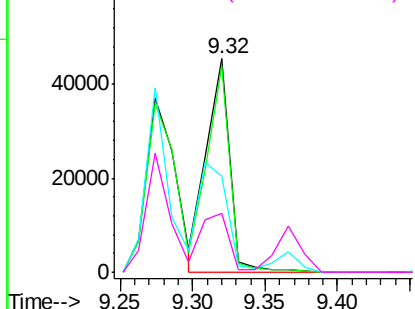
#43
 2,4,5-Trichlorophenol
 Concen: 5.97 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:196 Resp: 51221
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.1 117.1
 97 44.7 48.1 72.1#
 132 27.7 27.4 41.2

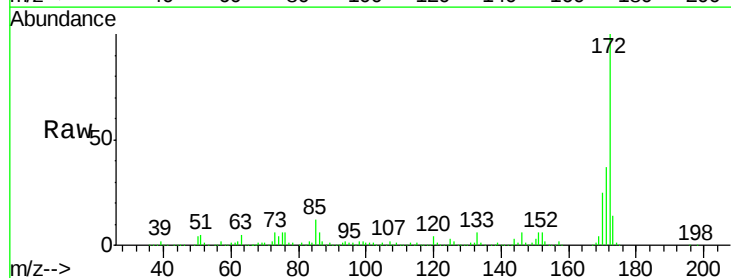


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

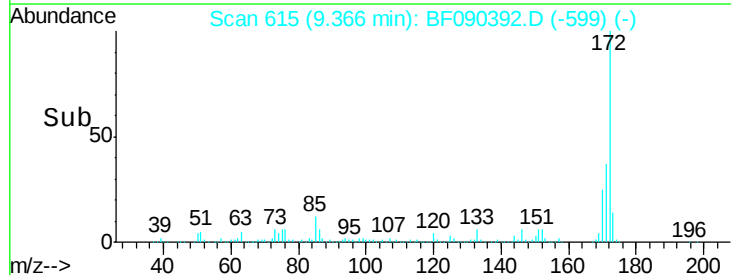
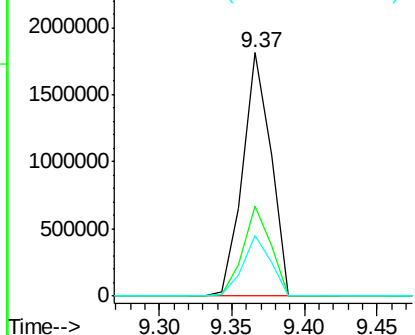


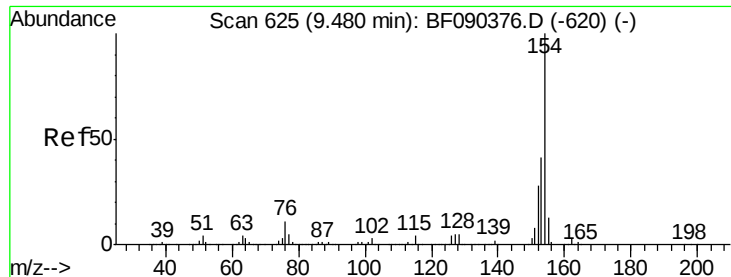
#44
 2-Fluorobiphenyl
 Concen: 81.30 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:172 Resp: 2434554
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.8 47.8
 170 24.7 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 7.31 ng

RT: 9.47 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

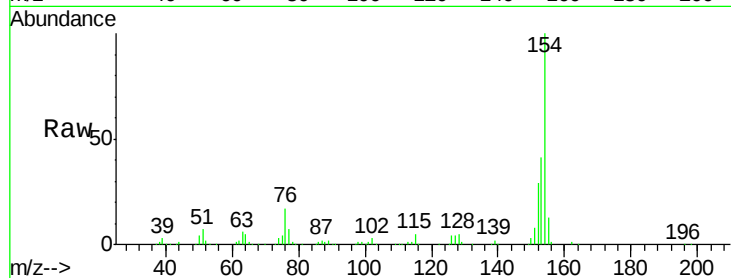
Tgt Ion:154 Resp: 270243

Ion Ratio Lower Upper

154 100

153 40.9 23.8 63.8

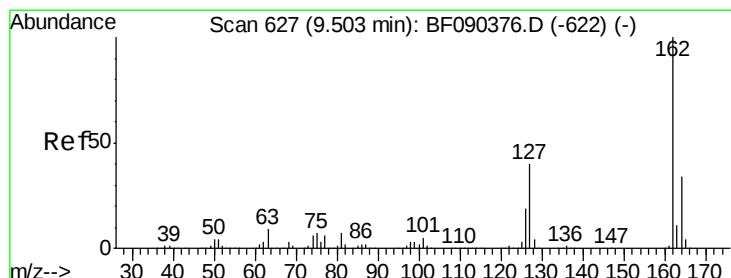
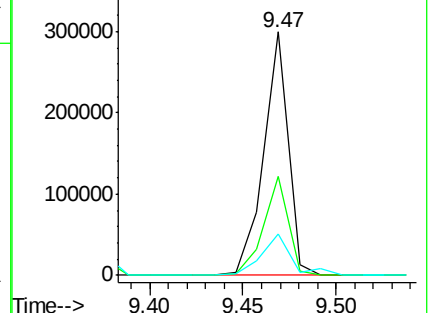
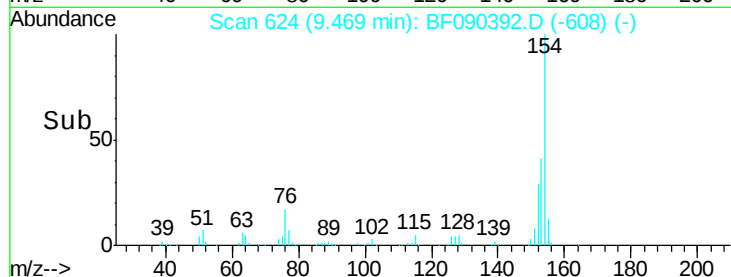
76 16.7 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 6.75 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

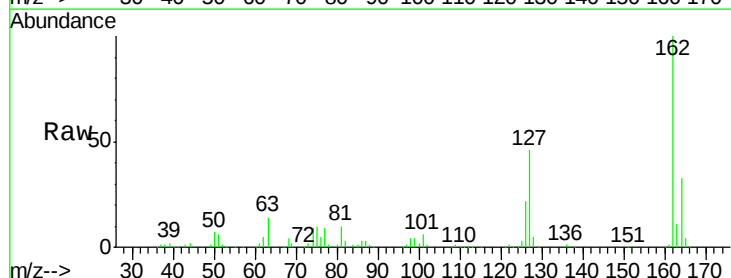
Tgt Ion:162 Resp: 184264

Ion Ratio Lower Upper

162 100

127 45.7 35.6 53.4

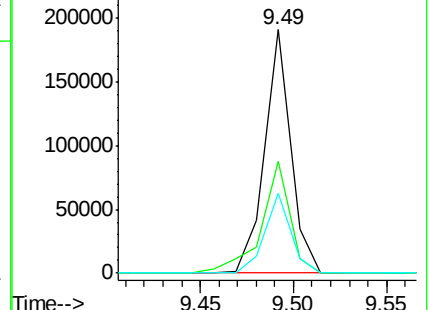
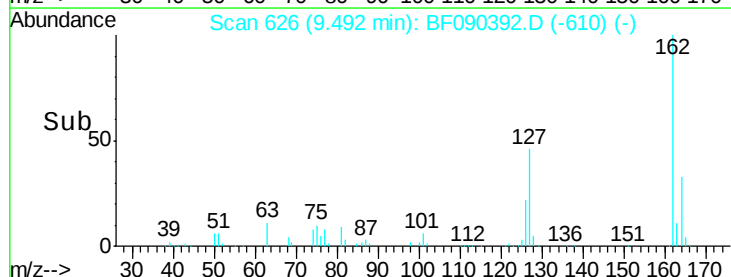
164 32.6 27.5 41.3

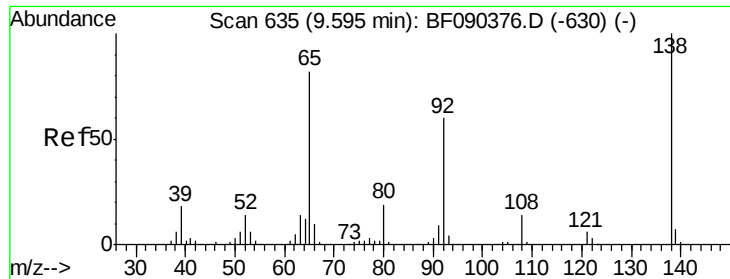


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

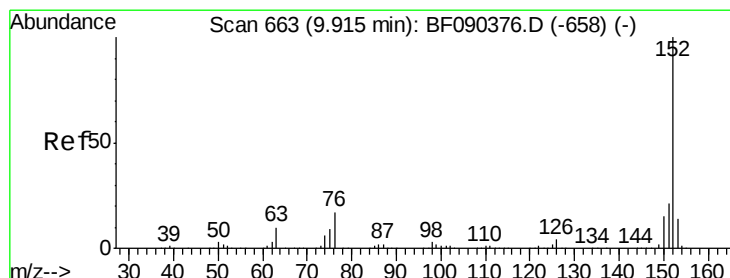
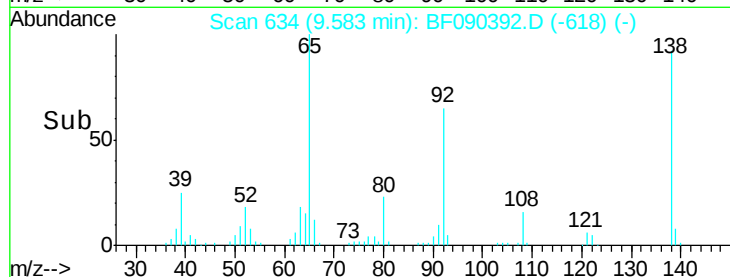
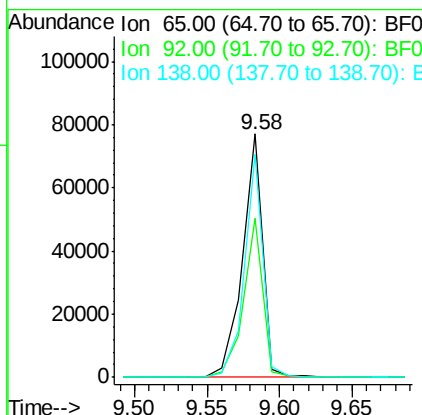
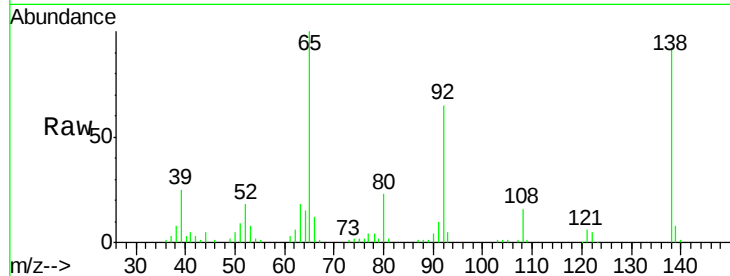




#47
 2-Nitroaniline
 Concen: 6.88 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

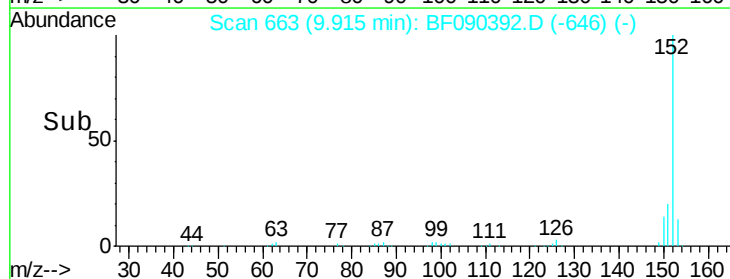
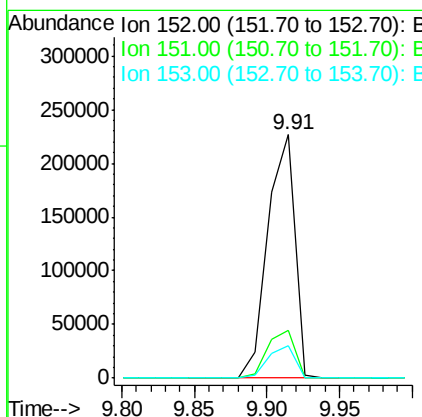
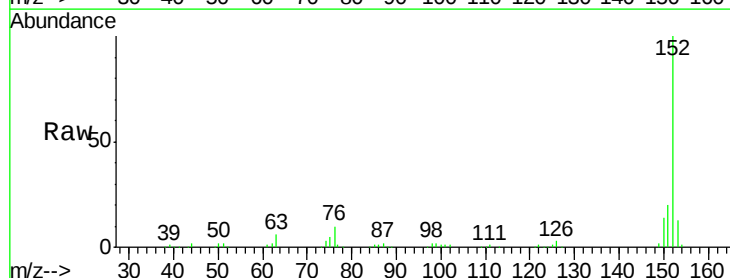
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

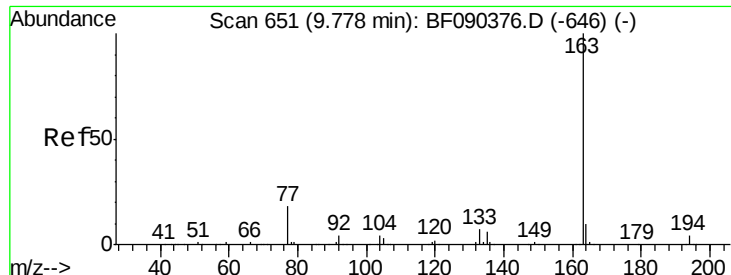
Tgt Ion: 65 Resp: 74152
 Ion Ratio Lower Upper
 65 100
 92 65.4 51.7 77.5
 138 91.8 79.0 118.4



#48
 Acenaphthylene
 Concen: 6.51 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion: 152 Resp: 293474
 Ion Ratio Lower Upper
 152 100
 151 19.8 17.4 26.0
 153 13.2 11.6 17.4

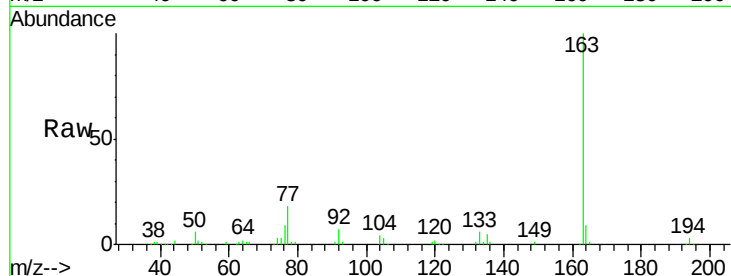




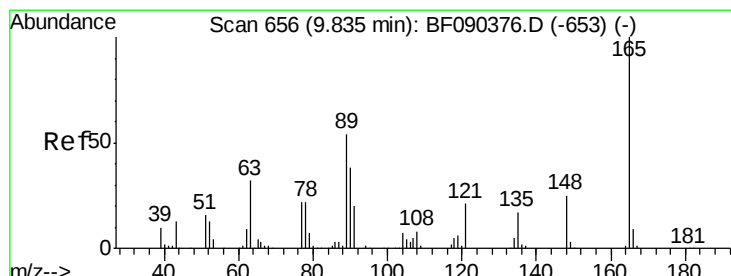
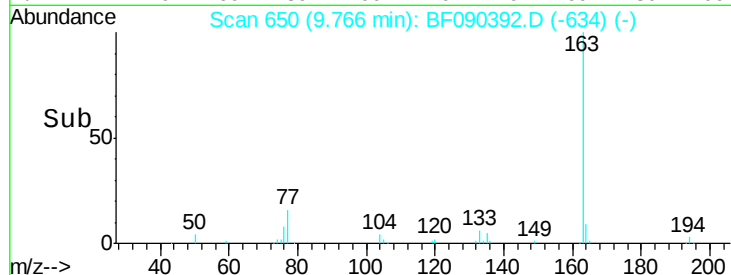
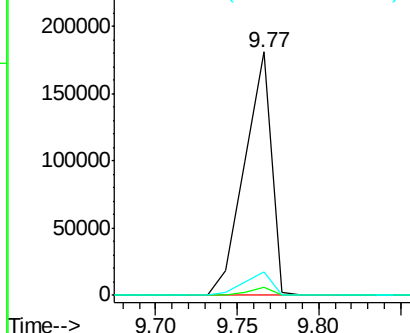
#49
Dimethylphthalate
Concen: 6.47 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:163 Resp: 206771
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.5 9.0 13.4

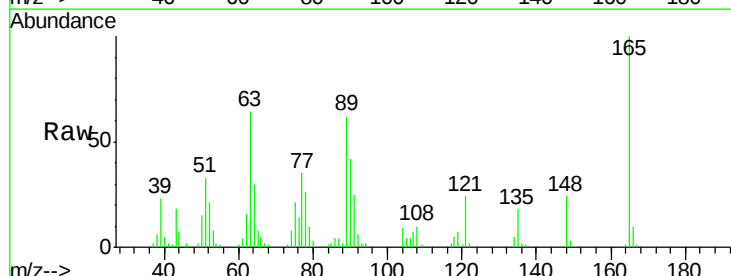


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

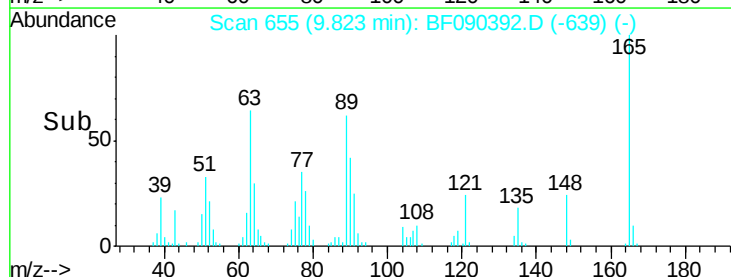
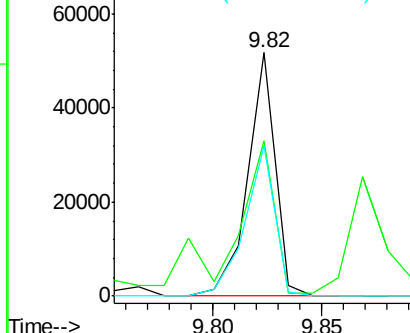


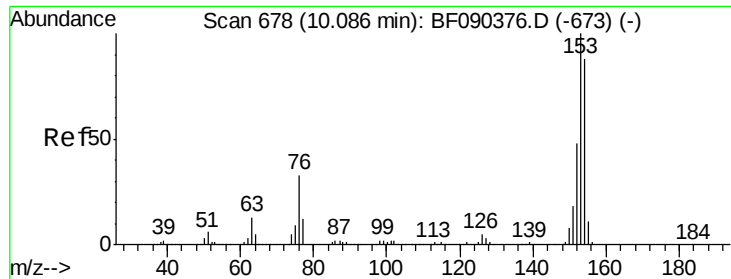
#50
2,6-Dinitrotoluene
Concen: 6.41 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:165 Resp: 45460
Ion Ratio Lower Upper
165 100
63 63.9 58.0 87.0
89 61.5 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 6.57 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

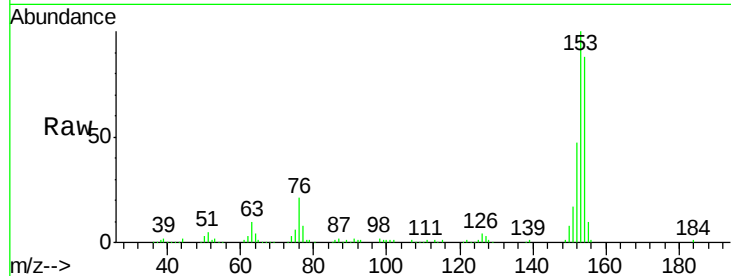
Tgt Ion:154 Resp: 184589

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

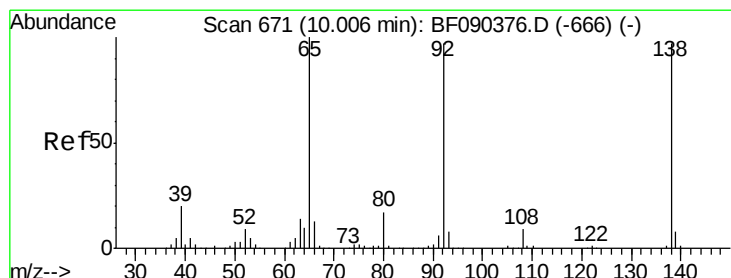
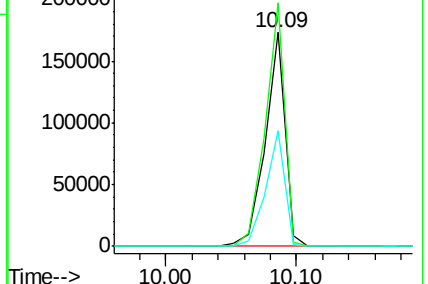
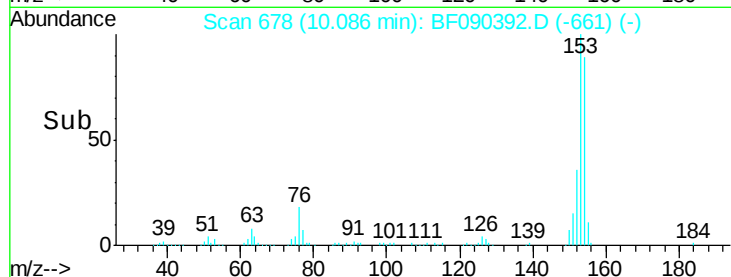
152 54.1 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.88 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

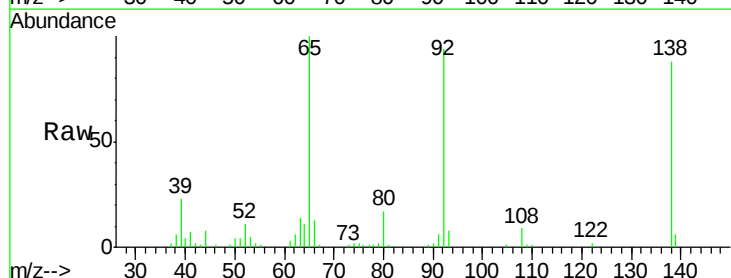
Tgt Ion:138 Resp: 48711

Ion Ratio Lower Upper

138 100

108 10.1 9.7 14.5

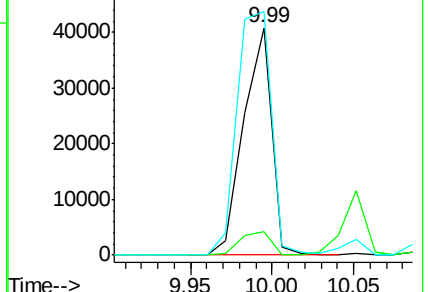
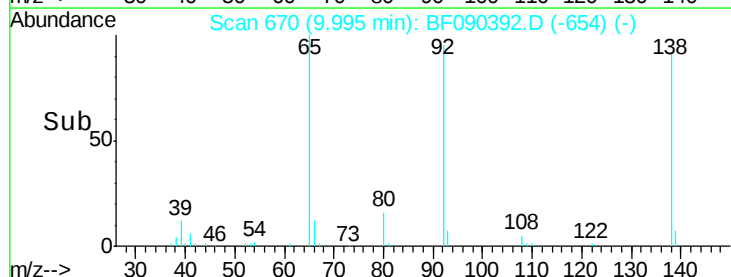
92 107.0 97.1 145.7

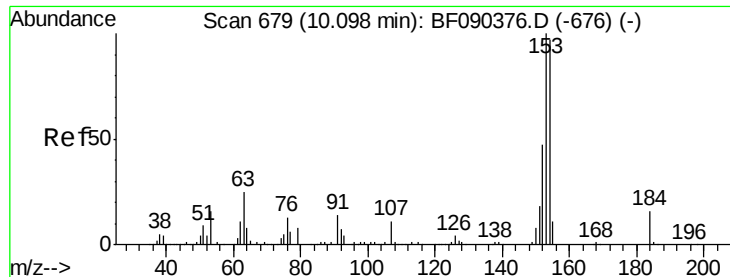


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 3.19 ng

RT: 10.10 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

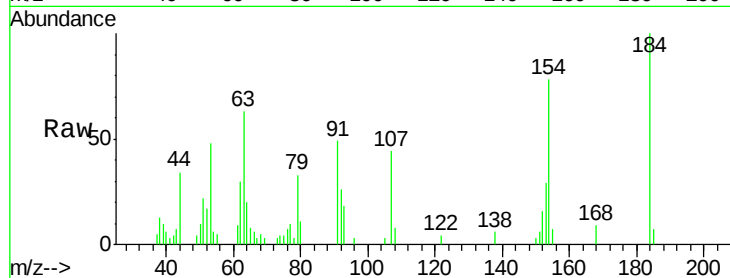
Tgt Ion:184 Resp: 10075

Ion Ratio Lower Upper

184 100

63 63.4 41.9 62.9#

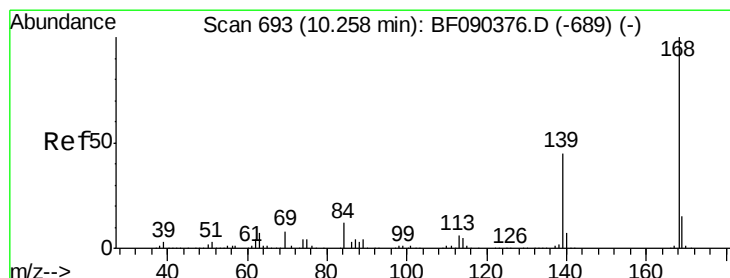
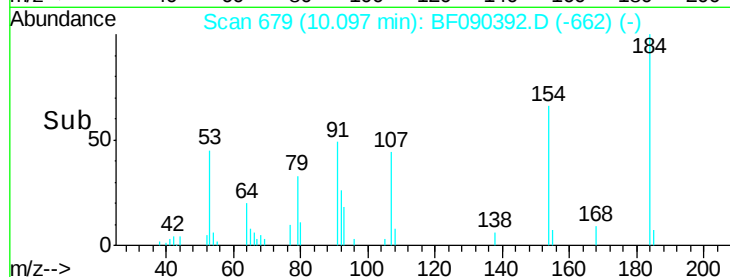
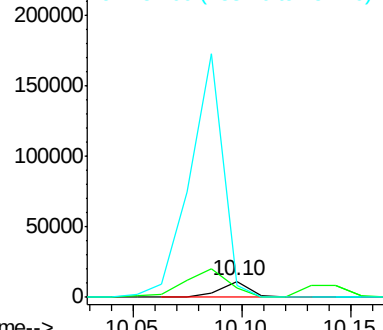
154 78.0 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 6.82 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

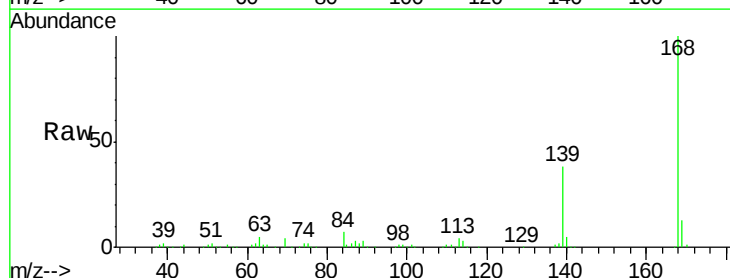
Tgt Ion:168 Resp: 248165

Ion Ratio Lower Upper

168 100

139 37.7 29.6 44.4

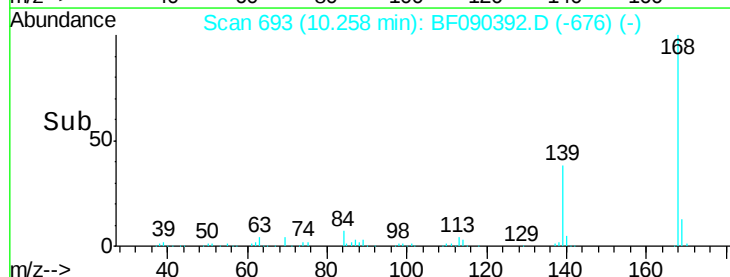
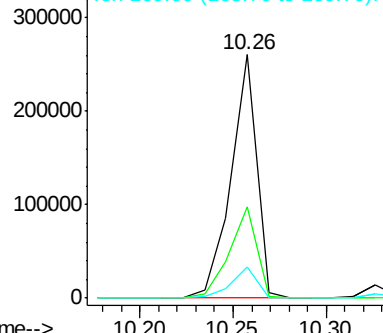
169 12.9 11.3 16.9

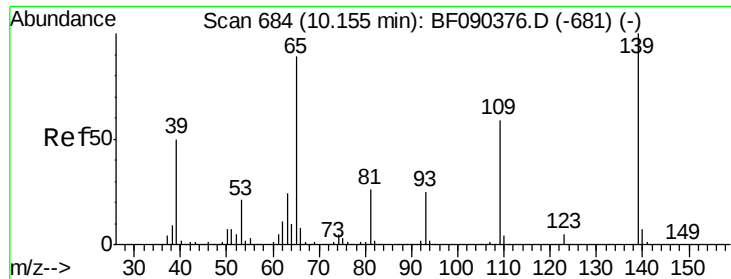


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.48 ng

RT: 10.14 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

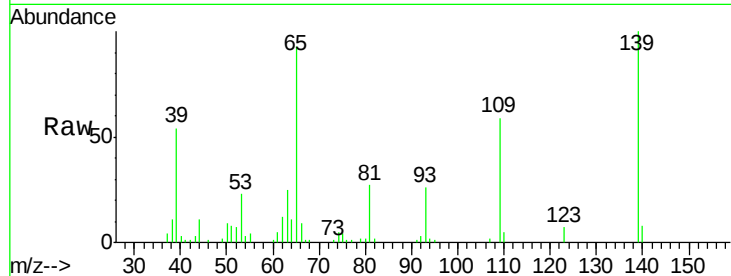
Tgt Ion:139 Resp: 39753

Ion Ratio Lower Upper

139 100

109 59.2 43.6 83.6

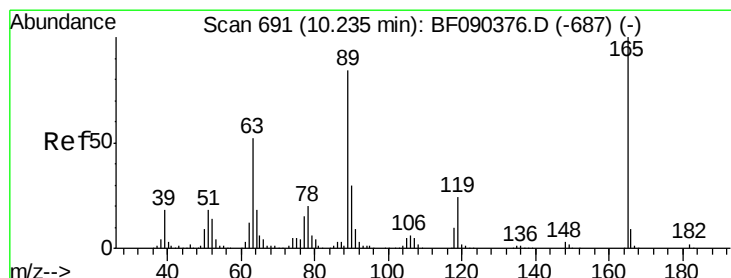
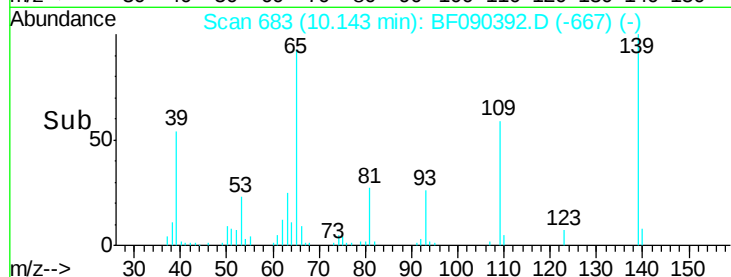
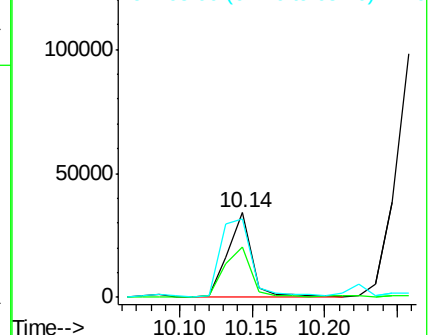
65 92.9 87.5 127.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Tgt Ion:165 Resp: 58784

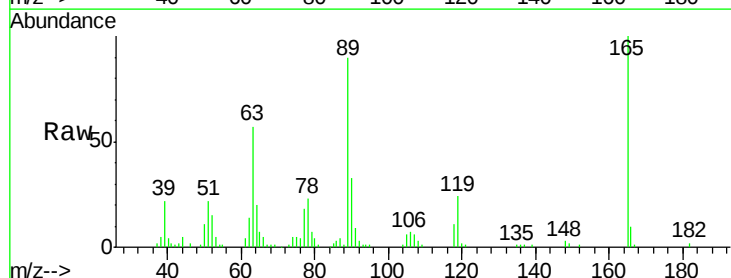
Ion Ratio Lower Upper

165 100

63 57.1 17.8 26.6#

89 89.6 33.2 49.8#

182 2.0 2.1 3.1#

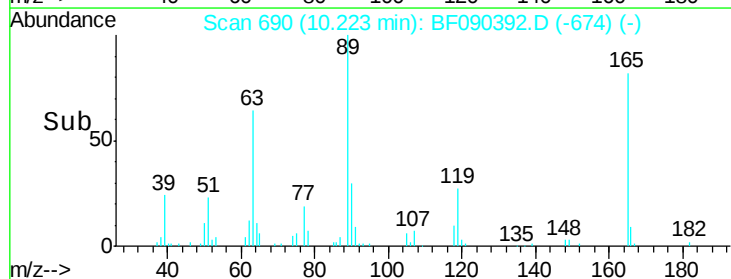
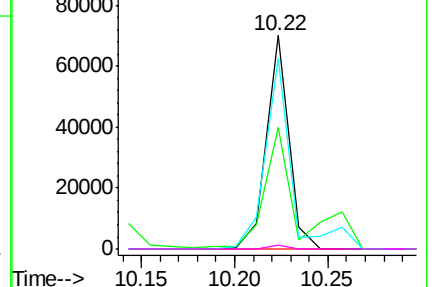


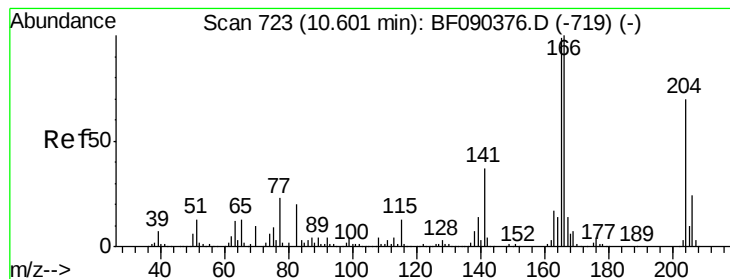
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 6.98 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

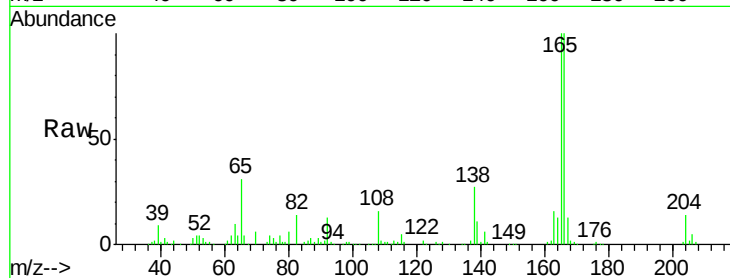
Tgt Ion:166 Resp: 213538

Ion Ratio Lower Upper

166 100

165 100.0 79.2 118.8

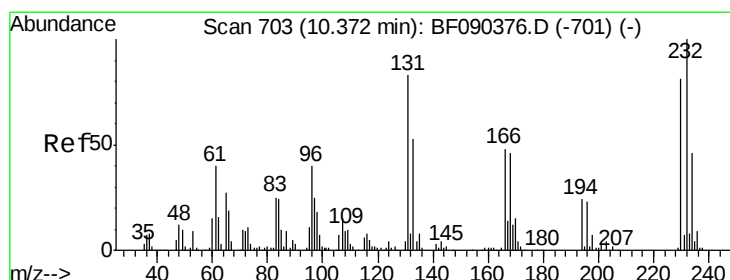
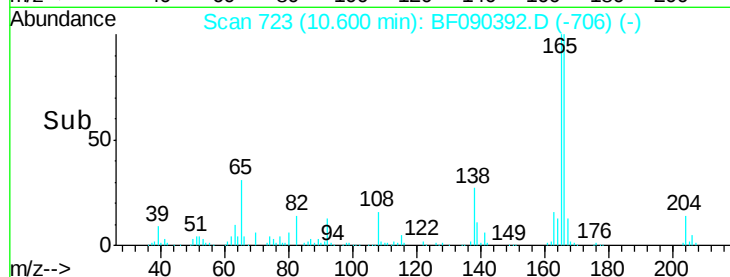
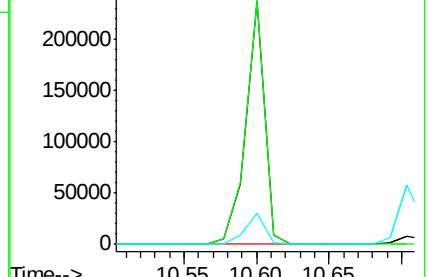
167 13.0 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 6.14 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Tgt Ion:232 Resp: 39349

Ion Ratio Lower Upper

232 100

131 57.6 34.5 51.7#

130 2.6 1.6 2.4#

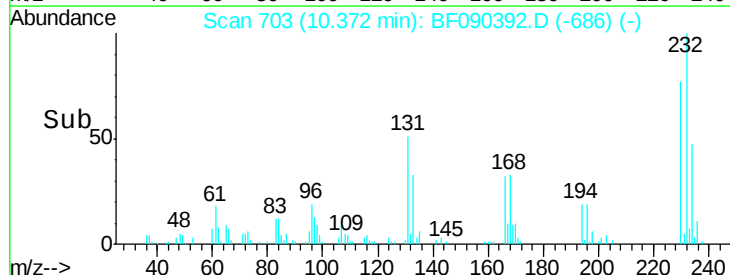
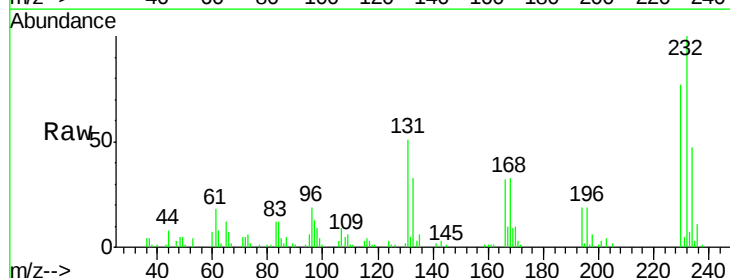
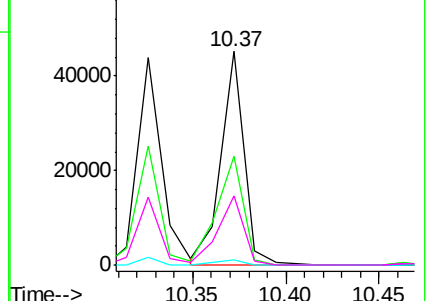
166 35.2 23.8 35.8

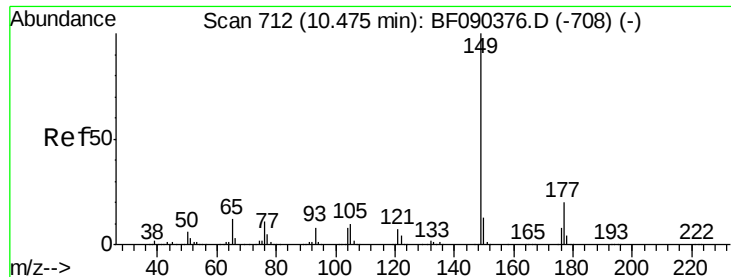
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

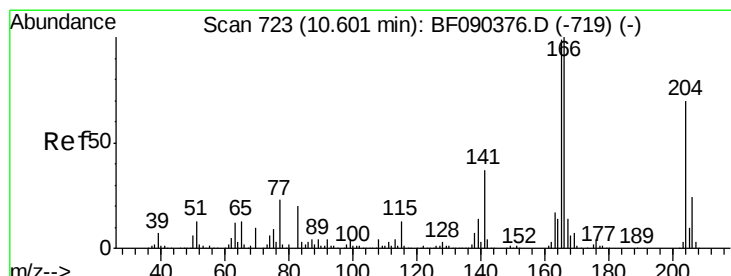
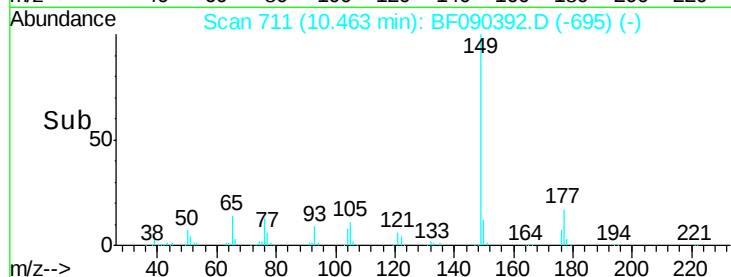
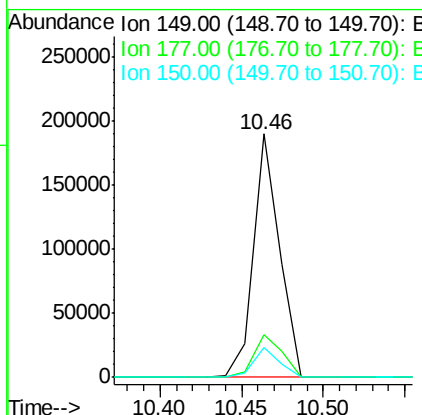
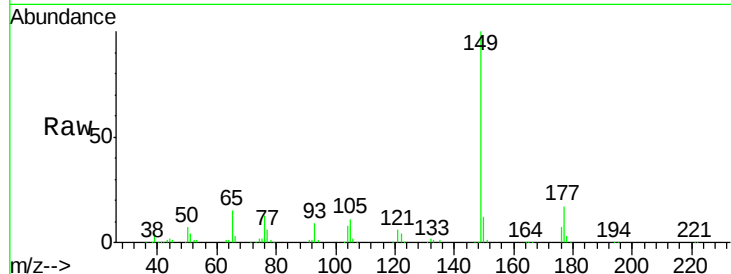




#59
Diethylphthalate
Concen: 6.35 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

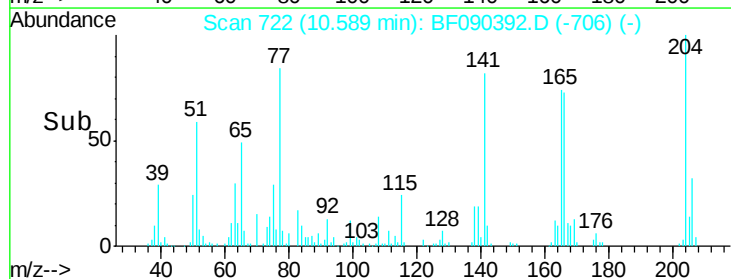
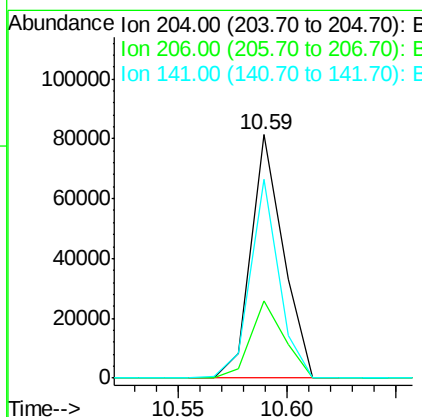
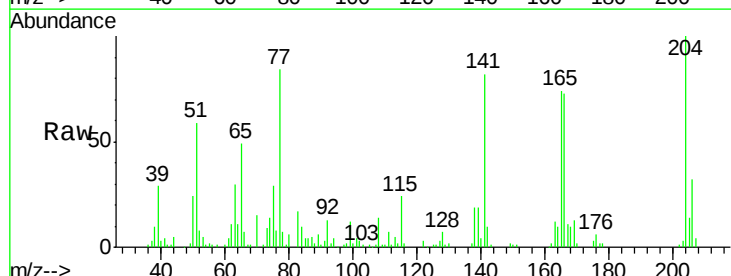
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

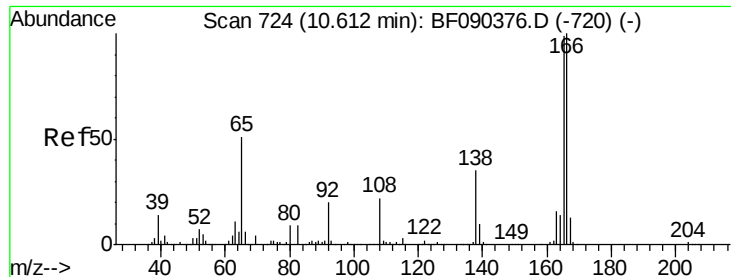
Tgt Ion:149 Resp: 209954
Ion Ratio Lower Upper
149 100
177 17.4 21.1 31.7#
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 6.07 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:204 Resp: 84367
Ion Ratio Lower Upper
204 100
206 31.5 26.7 40.1
141 81.8 51.7 77.5#

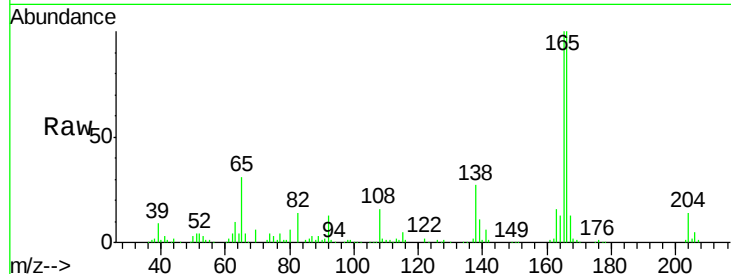




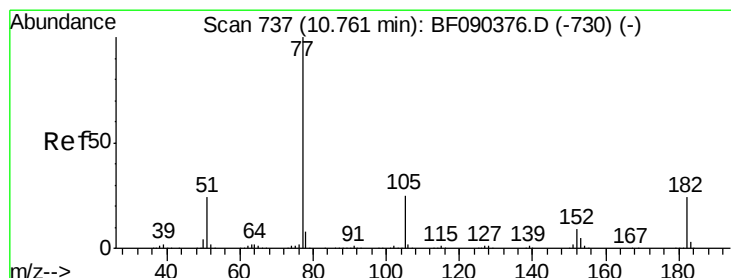
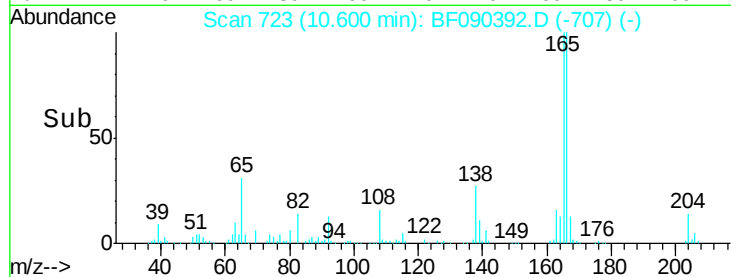
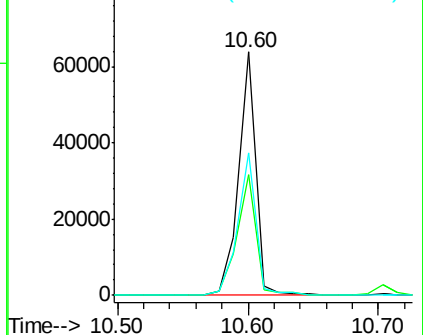
#61
4-Nitroaniline
Concen: 6.90 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:138 Resp: 57633
Ion Ratio Lower Upper
138 100
92 49.8 33.2 73.2
108 58.5 48.5 88.5



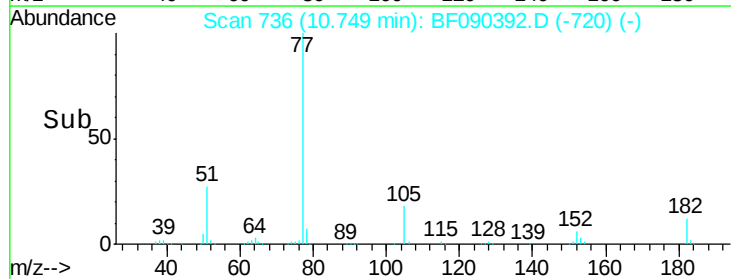
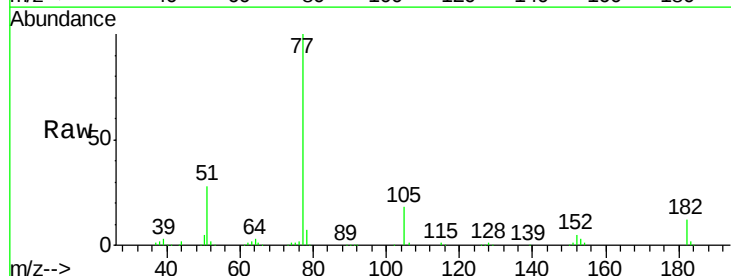
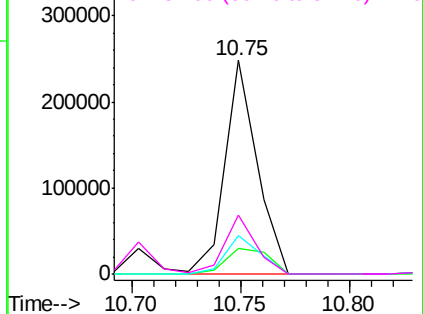
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

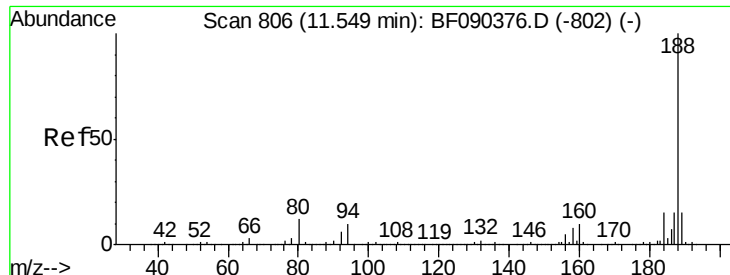


#62
Azobenzene
Concen: 6.63 ng
RT: 10.75 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion: 77 Resp: 253373
Ion Ratio Lower Upper
77 100
182 12.0 3.2 43.2
105 18.2 2.9 42.9
51 27.5 14.2 54.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

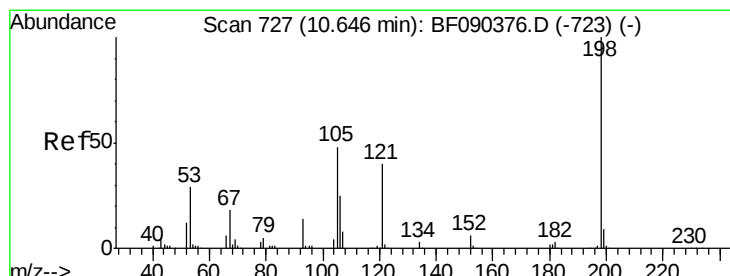
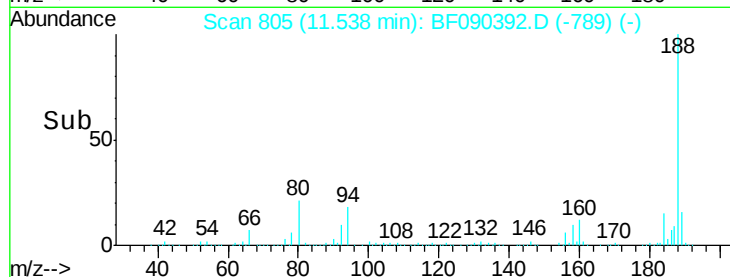
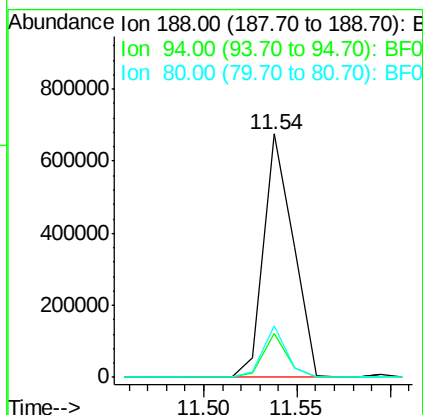
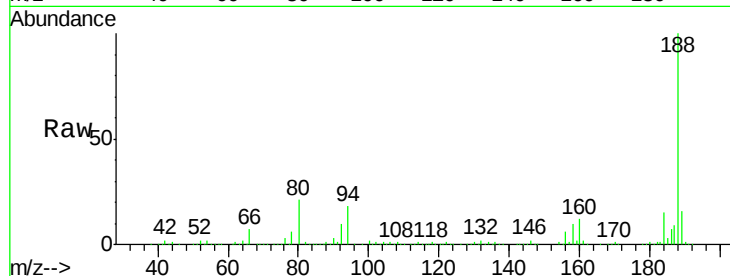




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

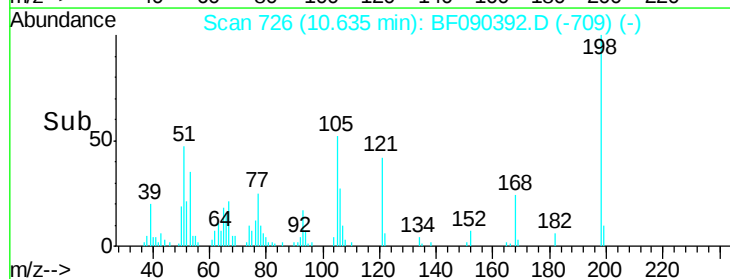
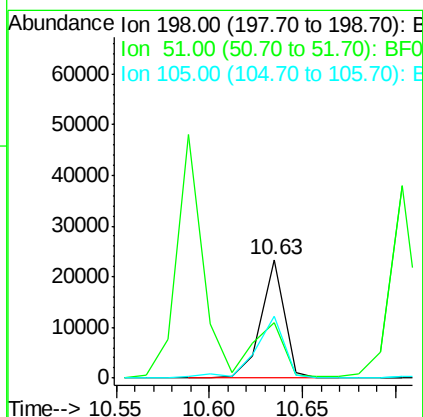
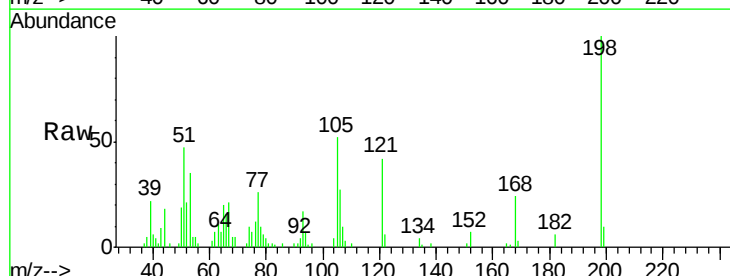
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

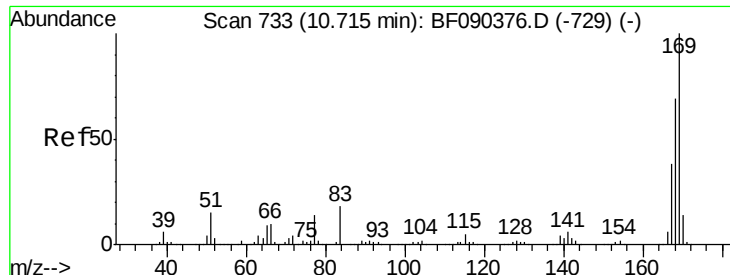
Tgt Ion:188 Resp: 751767
Ion Ratio Lower Upper
188 100
94 17.8 8.2 12.2#
80 21.2 8.8 13.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.94 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:198 Resp: 20050
Ion Ratio Lower Upper
198 100
51 46.8 67.3 107.3#
105 51.6 42.6 82.6

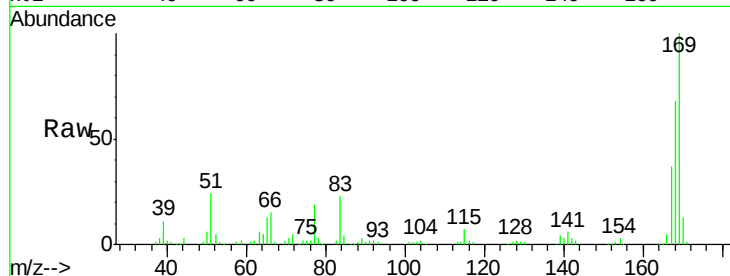




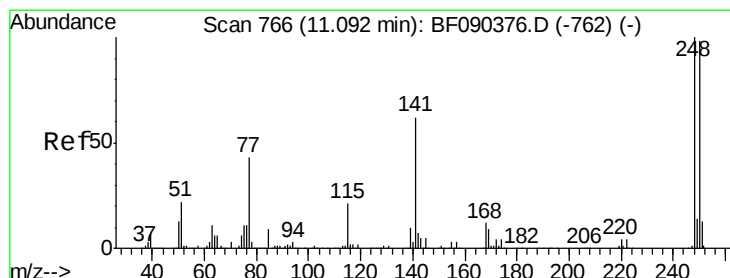
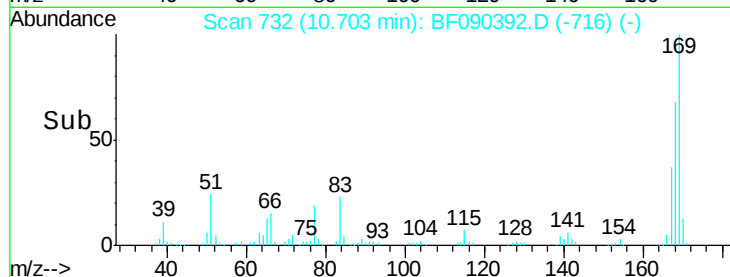
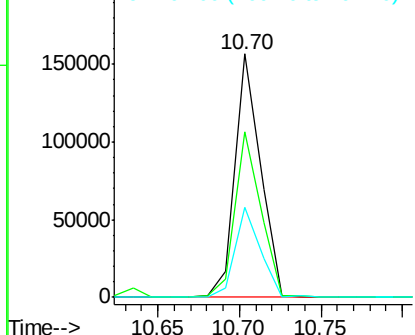
#65
 n-Nitrosodiphenylamine
 Concen: 6.69 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:169 Resp: 168519
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.8 80.6
 167 36.9 29.8 44.8

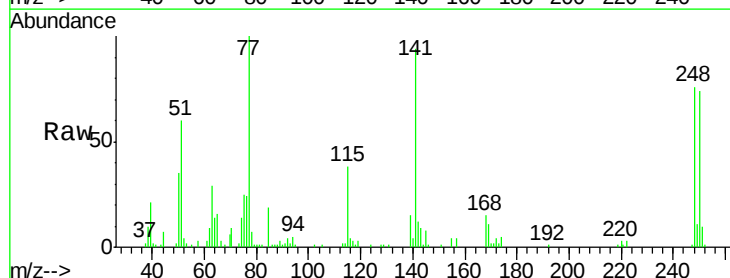


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

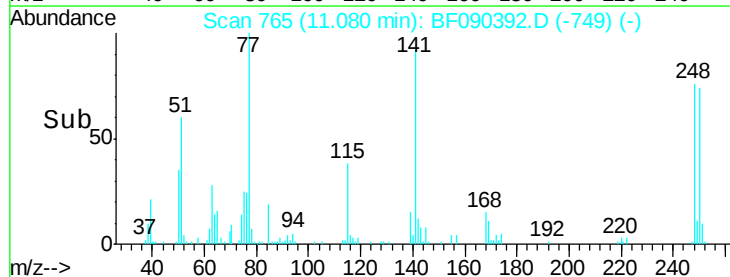
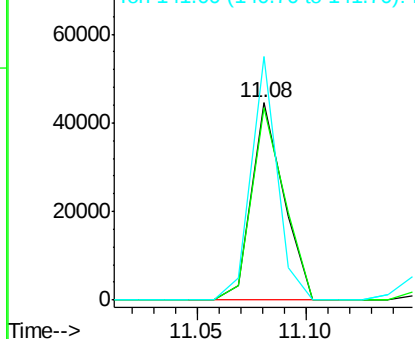


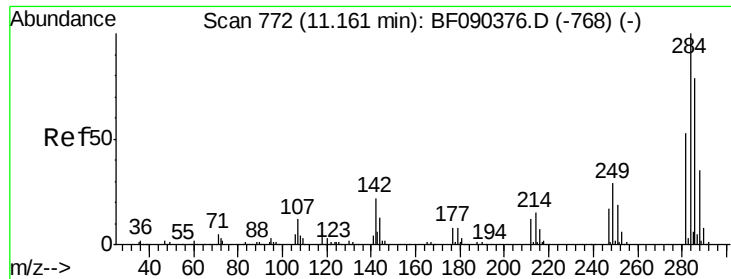
#66
 4-Bromophenyl-phenylether
 Concen: 6.22 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:248 Resp: 45810
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.5 114.7
 141 123.4 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

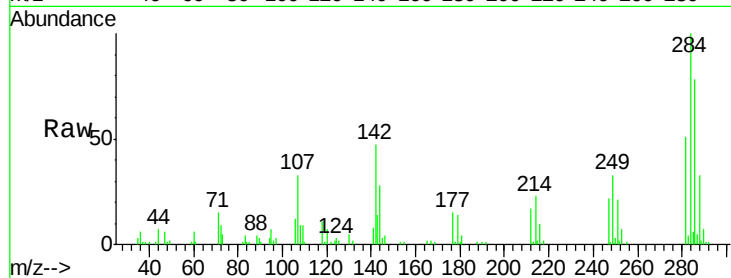




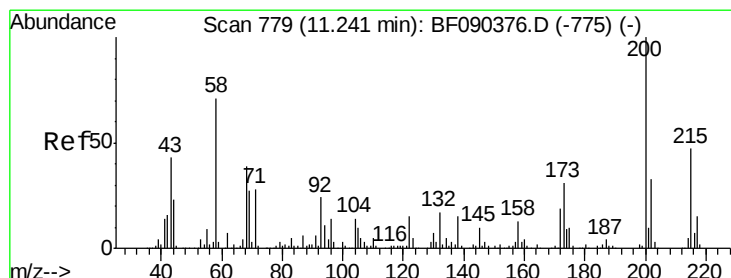
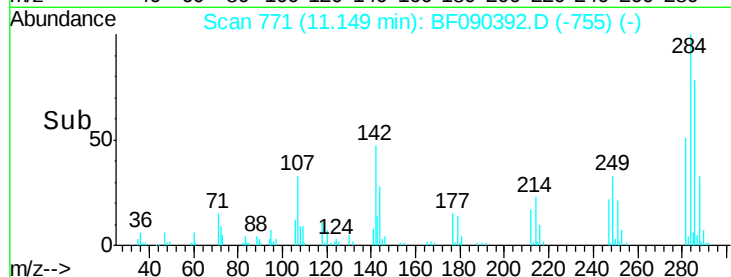
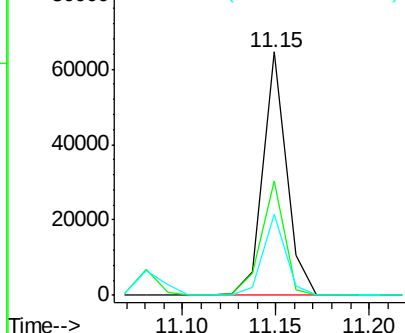
#67
Hexachlorobenzene
Concen: 6.82 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 284 Resp: 55939
Ion Ratio Lower Upper
284 100
142 47.0 23.1 34.7#
249 33.2 26.3 39.5

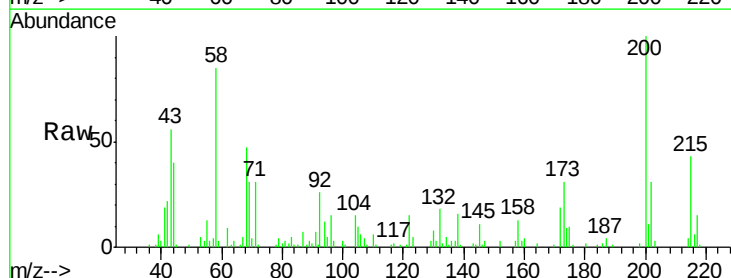


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

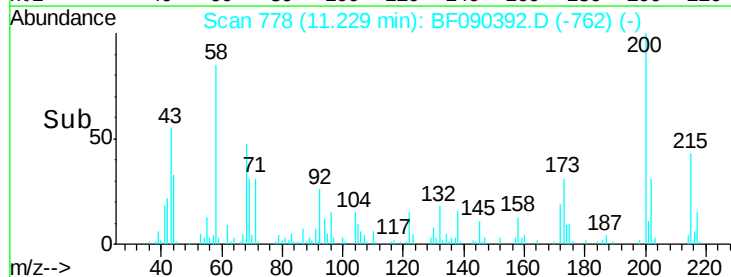
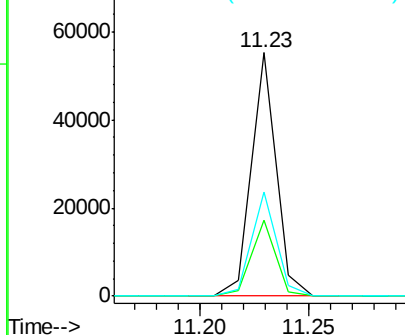


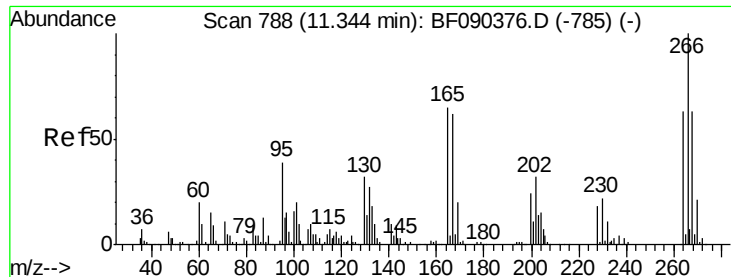
#68
Atrazine
Concen: 7.02 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion: 200 Resp: 43628
Ion Ratio Lower Upper
200 100
173 31.4 9.0 49.0
215 42.6 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

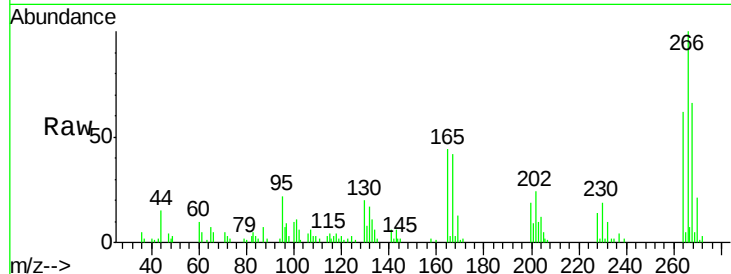




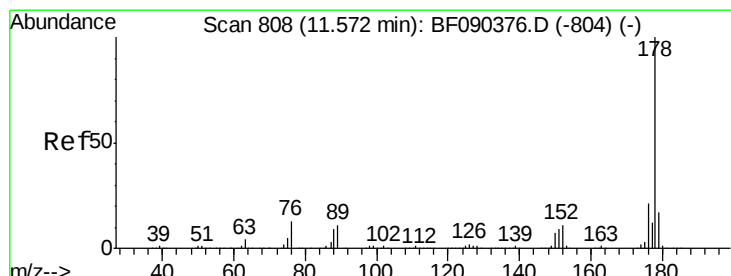
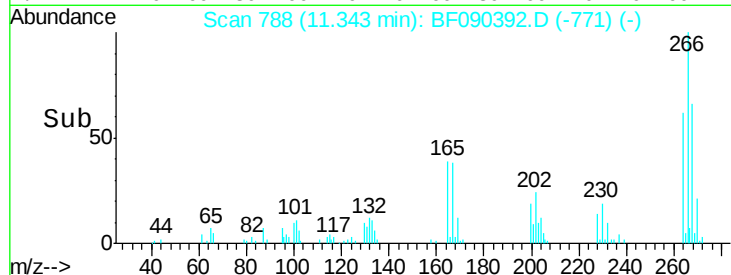
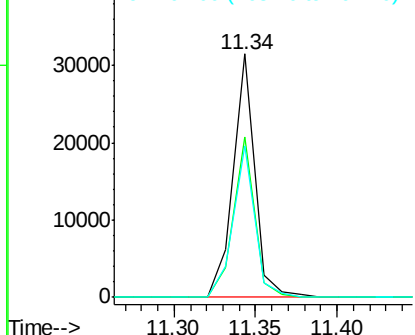
#69
 Pentachlorophenol
 Concen: 5.84 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:266 Resp: 28520
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.9 76.3
 264 62.0 51.5 77.3

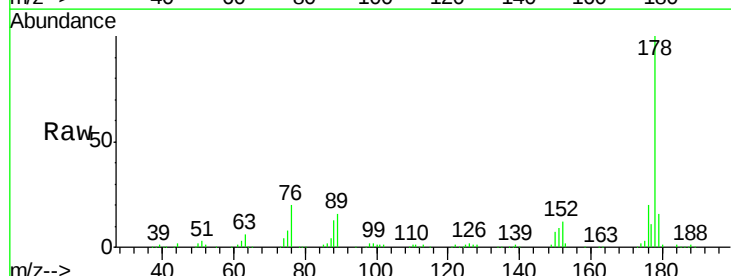


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

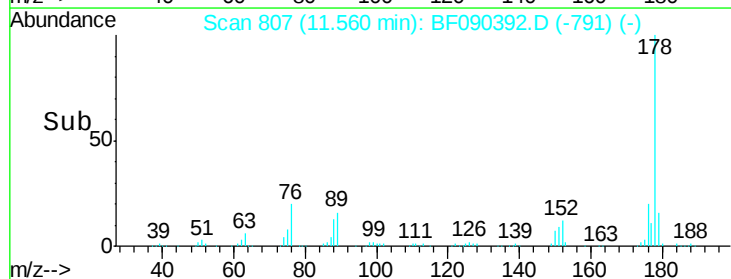
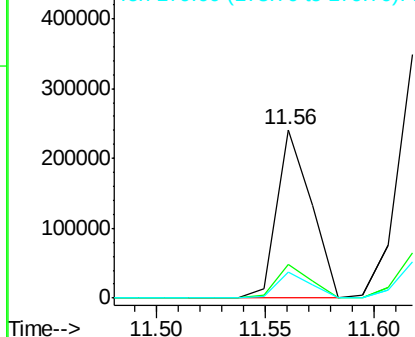


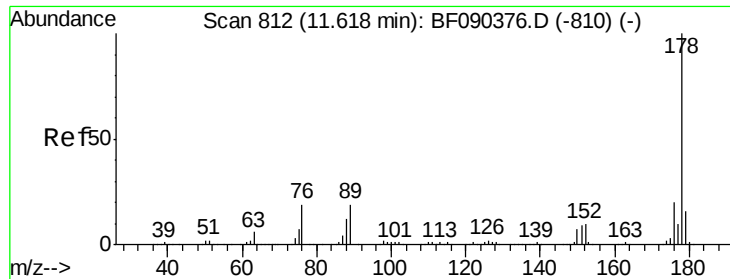
#70
 Phenanthrene
 Concen: 6.94 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:178 Resp: 267322
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 15.6 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

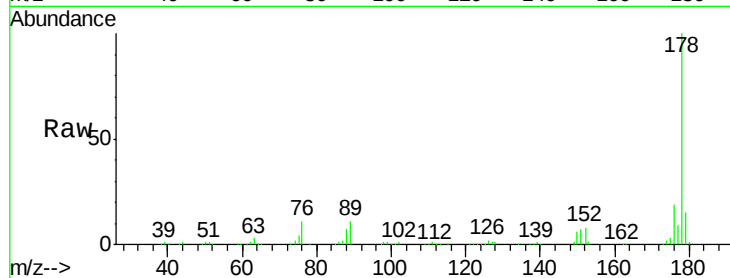




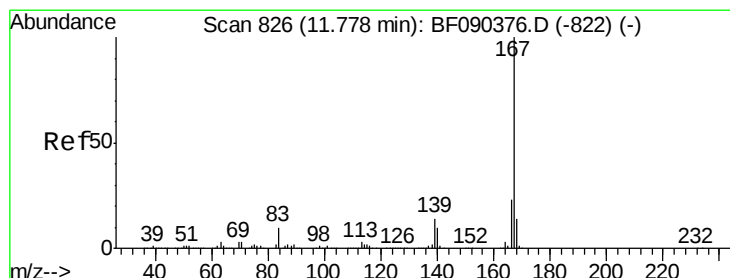
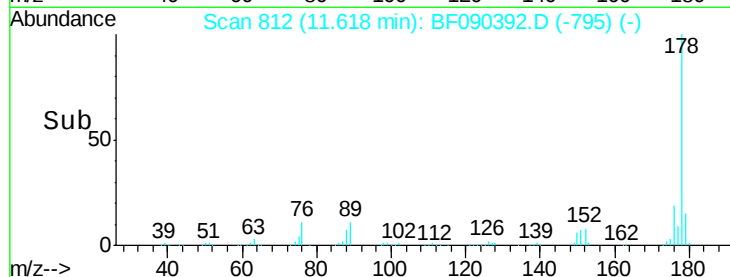
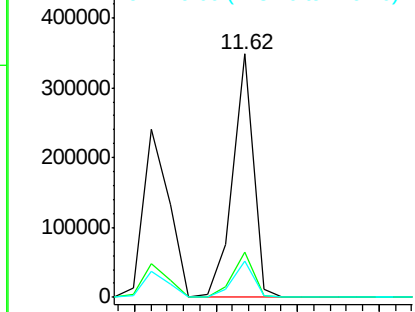
#71
 Anthracene
 Concen: 7.70 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:178 Resp: 302571
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.8 25.2
 179 15.1 13.4 20.2

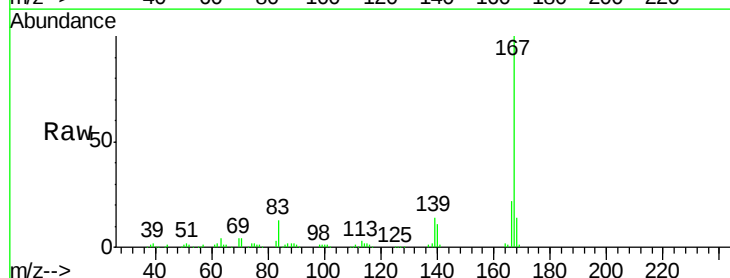


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

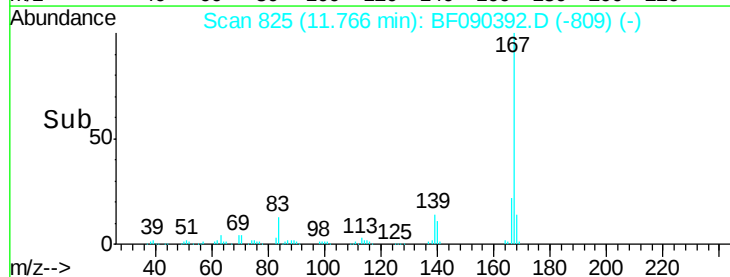
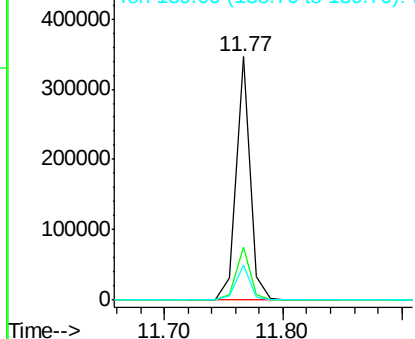


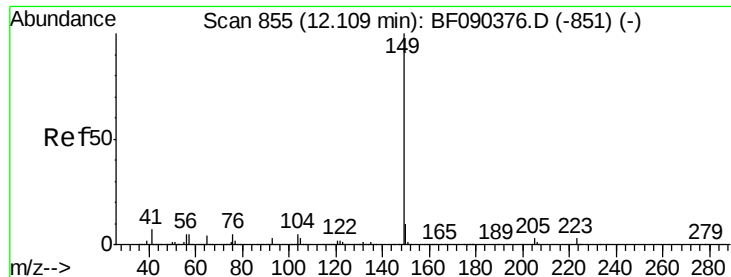
#72
 Carbazole
 Concen: 7.83 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:167 Resp: 285903
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.1 28.7
 139 14.4 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

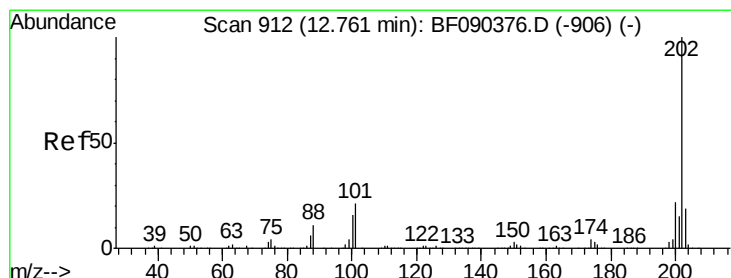
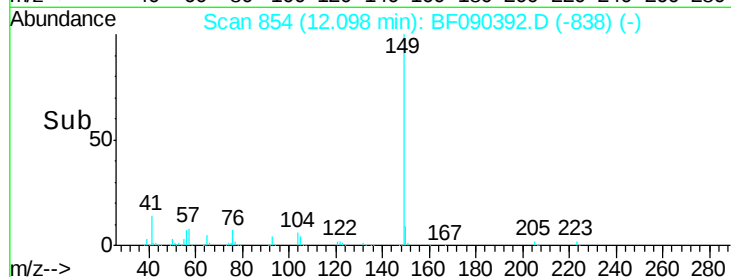
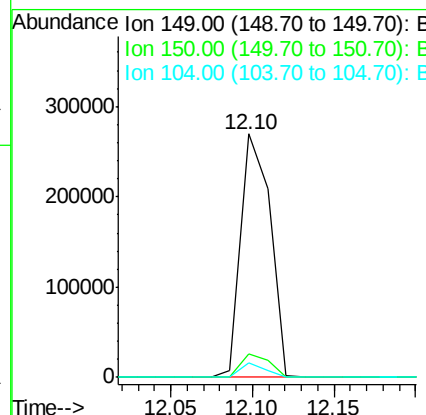
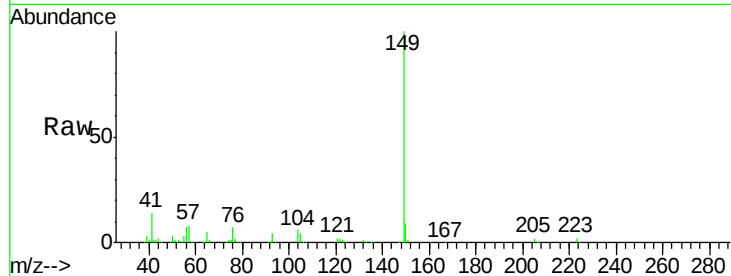




#73
Di-n-butylphthalate
Concen: 7.53 ng
RT: 12.10 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

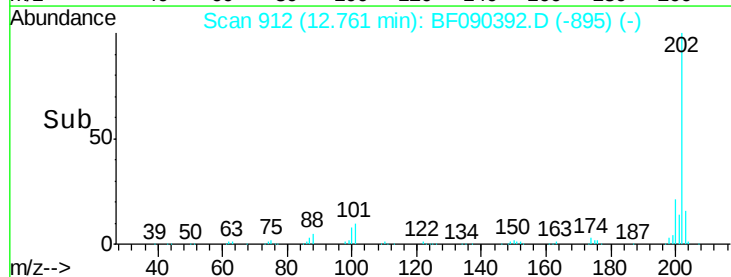
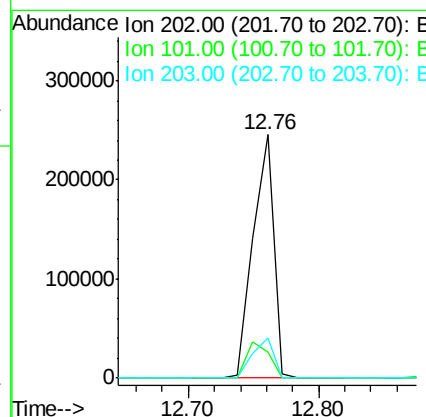
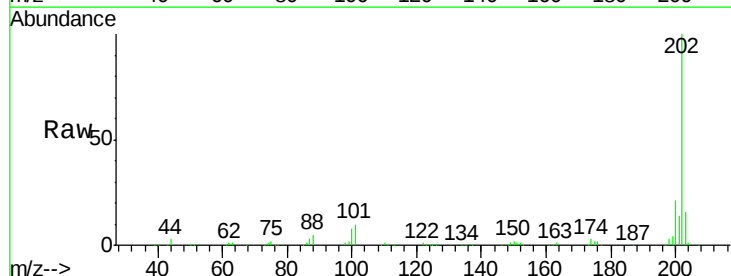
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

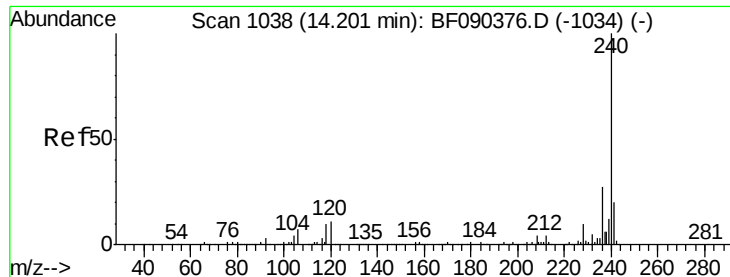
Tgt Ion:149 Resp: 334739
Ion Ratio Lower Upper
149 100
150 9.5 8.6 12.8
104 6.0 4.7 7.1



#74
Fluoranthene
Concen: 7.18 ng
RT: 12.76 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:202 Resp: 271290
Ion Ratio Lower Upper
202 100
101 10.5 0.0 37.2
203 16.4 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

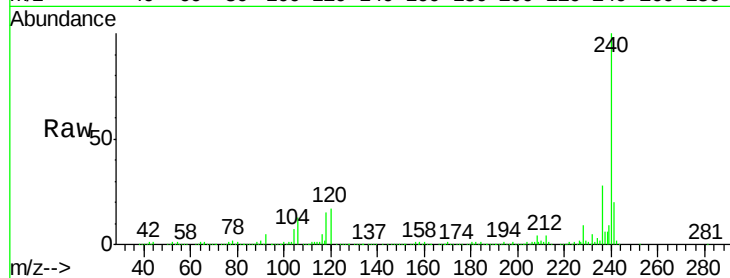
Tgt Ion:240 Resp: 682752

Ion Ratio Lower Upper

240 100

120 16.6 8.6 13.0#

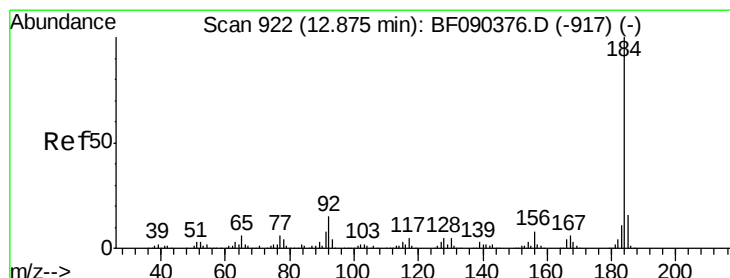
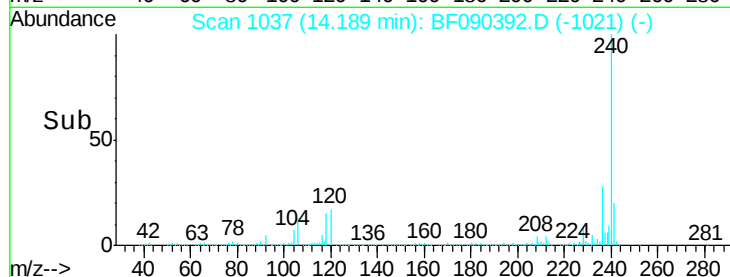
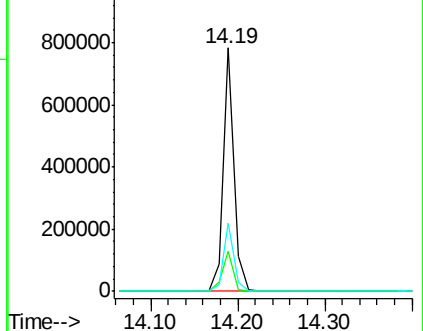
236 27.8 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.40 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

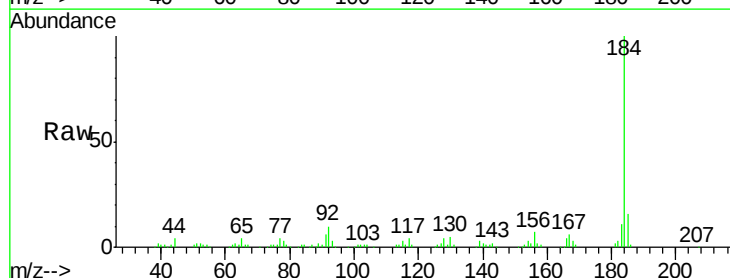
Tgt Ion:184 Resp: 132826

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

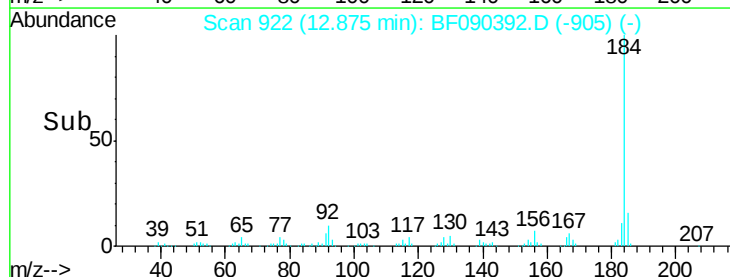
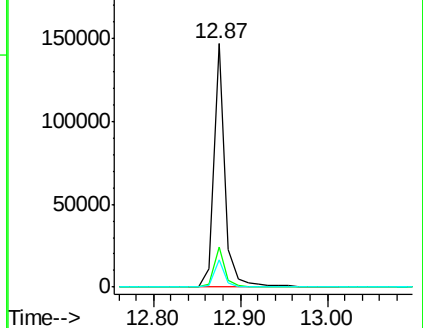
183 11.4 9.6 14.4

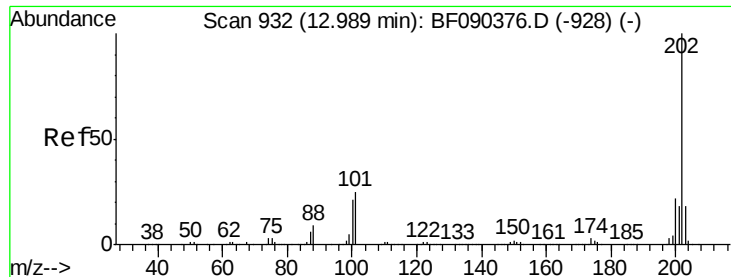


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

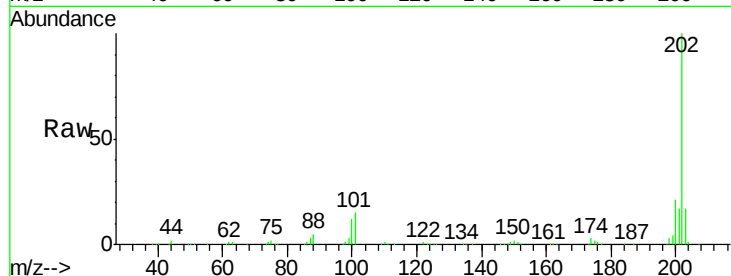




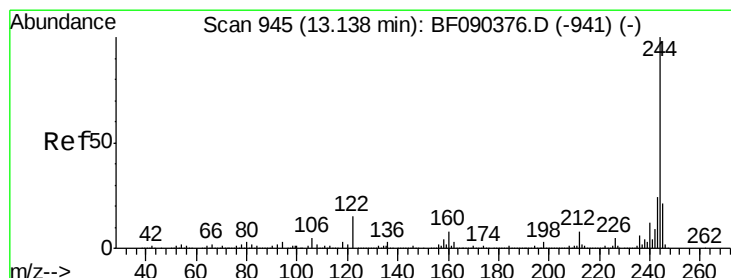
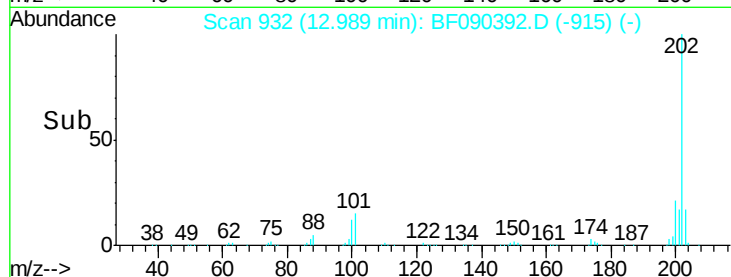
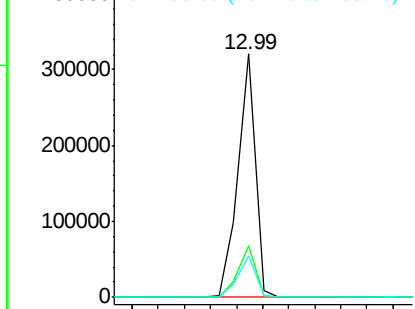
#77
 Pyrene
 Concen: 6.49 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.5	27.7
203	17.0	15.0	22.6

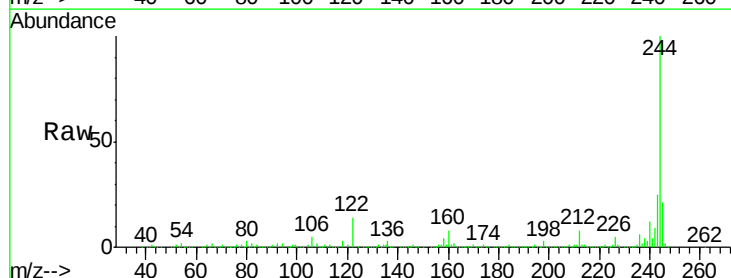


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

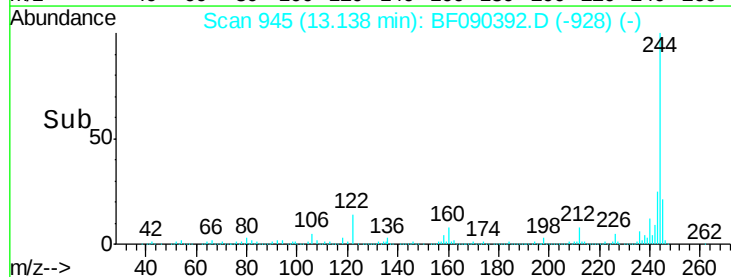
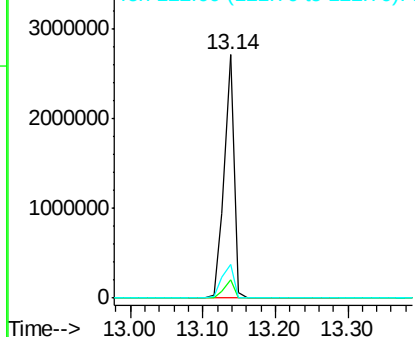


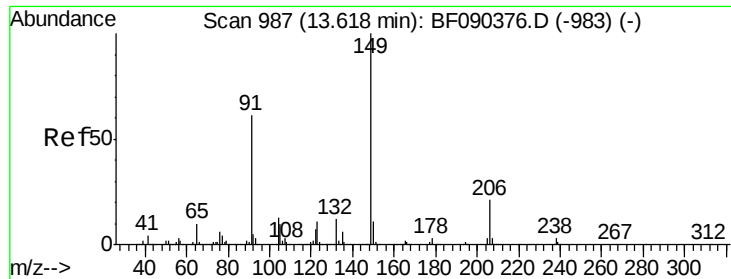
#78
 Terphenyl-d14
 Concen: 85.40 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	13.9	13.3	19.9



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

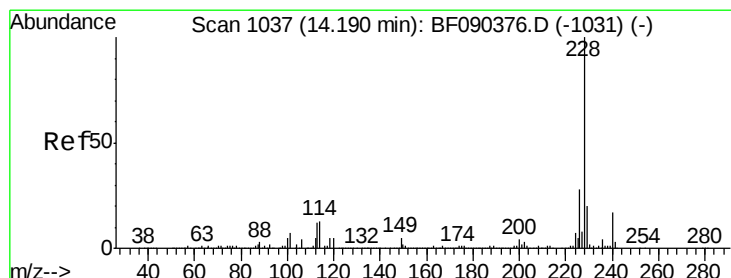
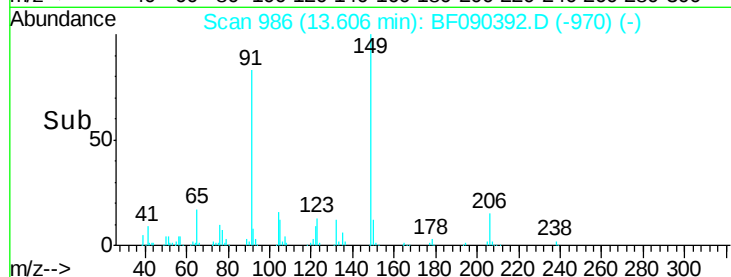
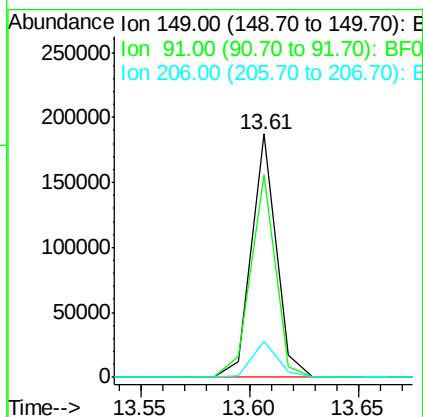
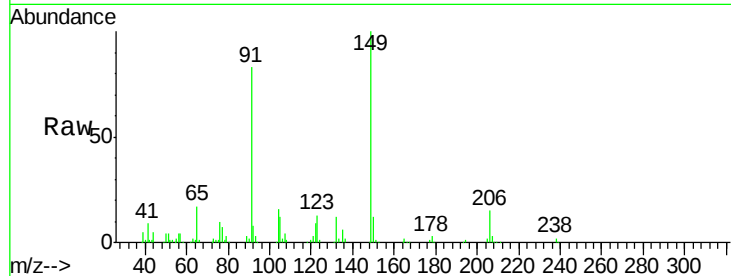




#79
Butylbenzylphthalate
Concen: 6.36 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

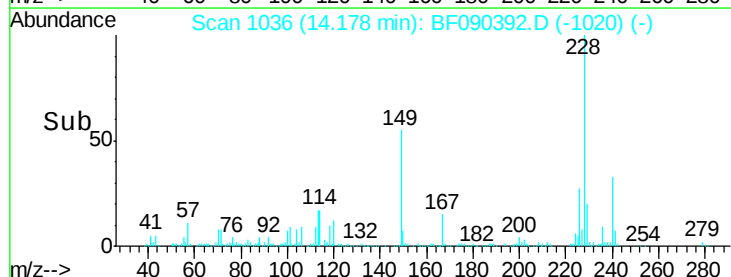
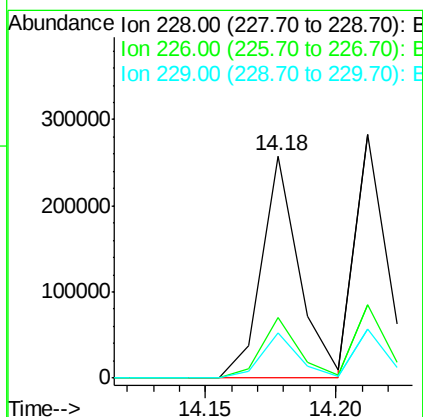
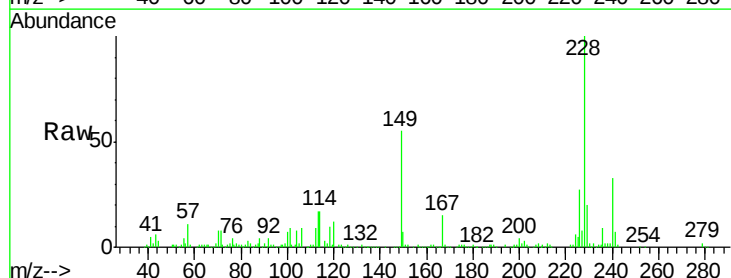
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

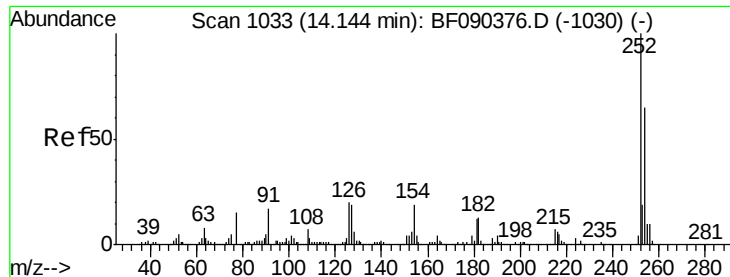
Tgt Ion:149 Resp: 148546
Ion Ratio Lower Upper
149 100
91 83.1 51.8 77.8#
206 14.7 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 6.76 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion:228 Resp: 258775
Ion Ratio Lower Upper
228 100
226 27.3 23.6 35.4
229 20.4 16.6 25.0

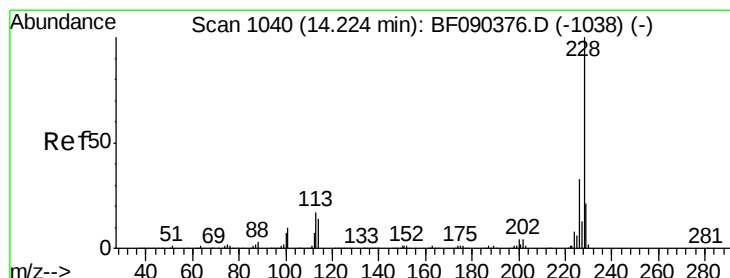
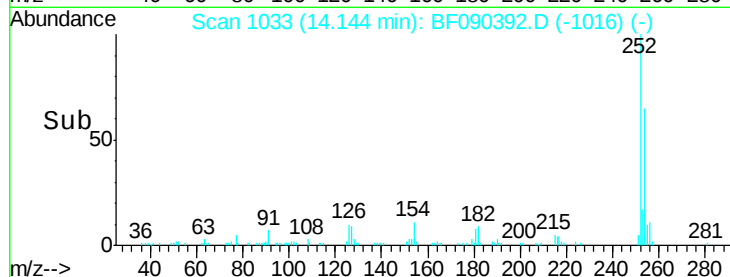
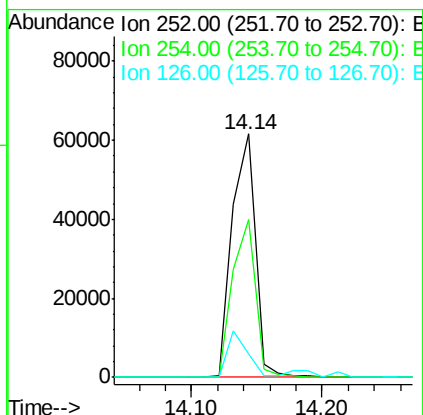
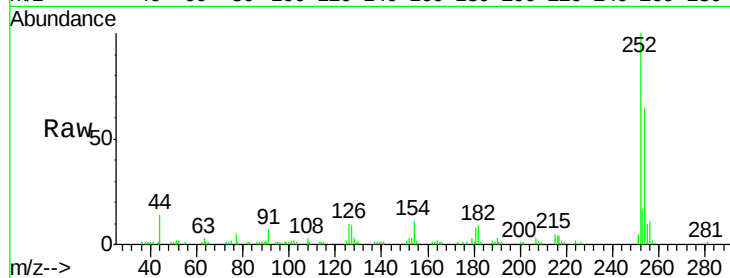




#81
 3,3'-Dichlorobenzidine
 Concen: 5.50 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

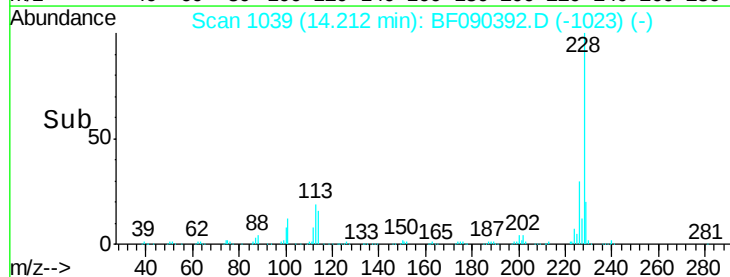
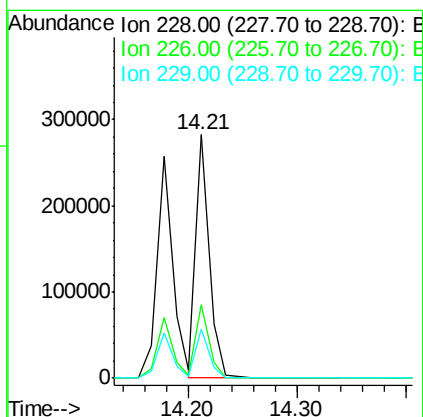
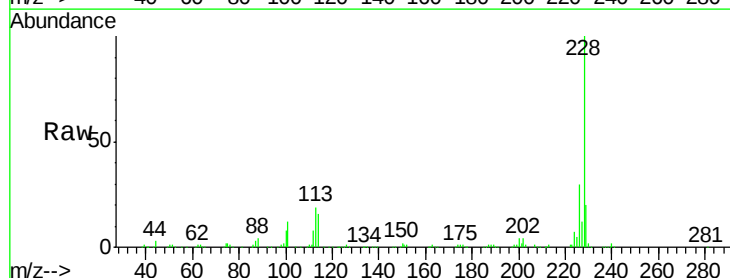
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

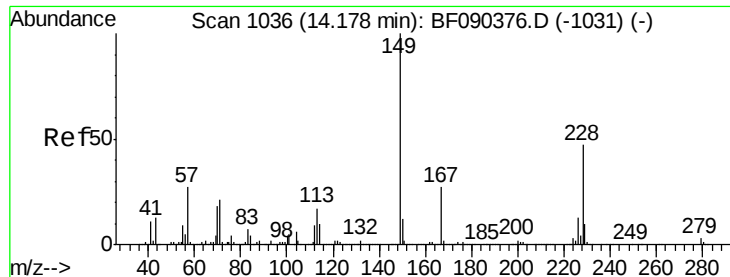
Tgt Ion: 252 Resp: 76354
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.1 78.1
 126 9.8 4.2 6.4#



#82
 Chrysene
 Concen: 6.88 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion: 228 Resp: 242518
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.8 38.6
 229 19.9 16.9 25.3

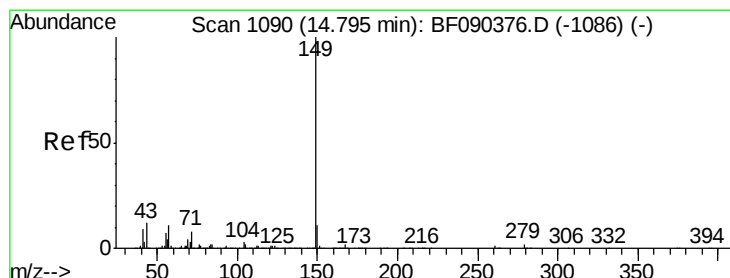
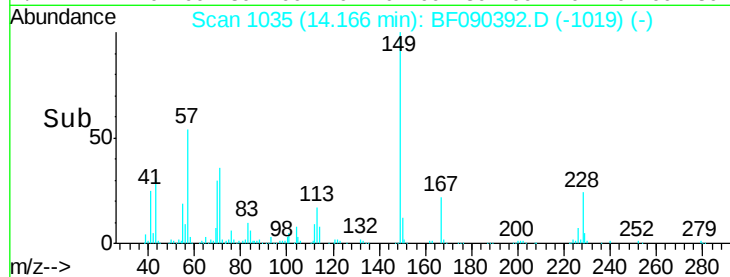
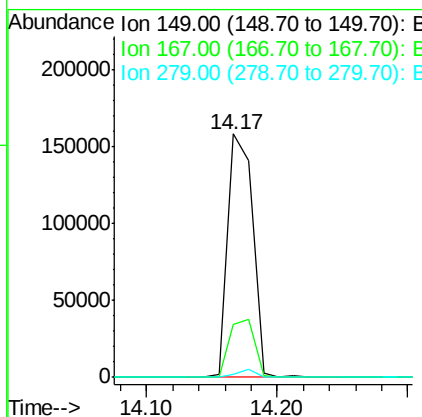
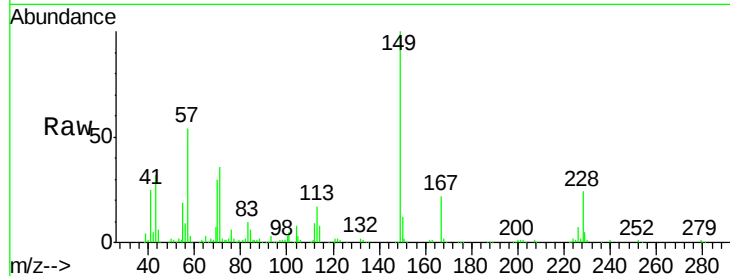




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.33 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

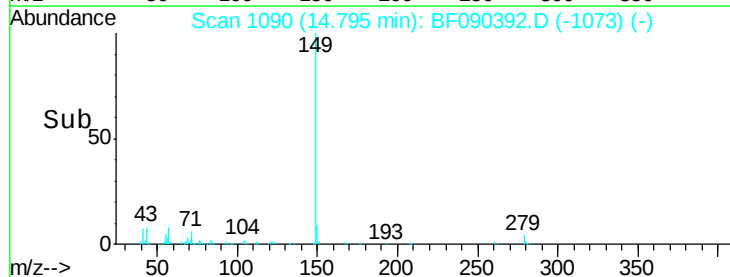
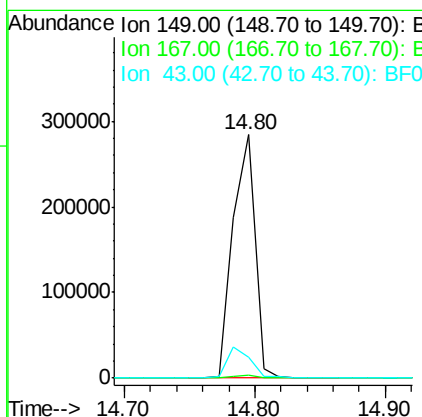
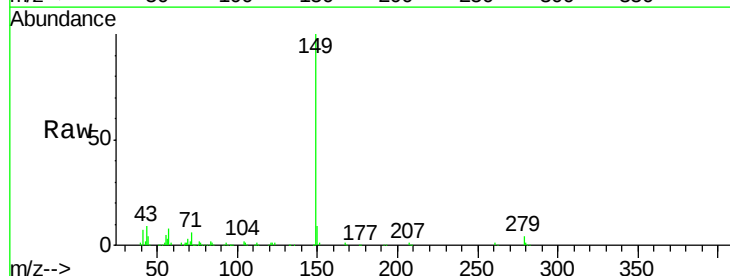
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

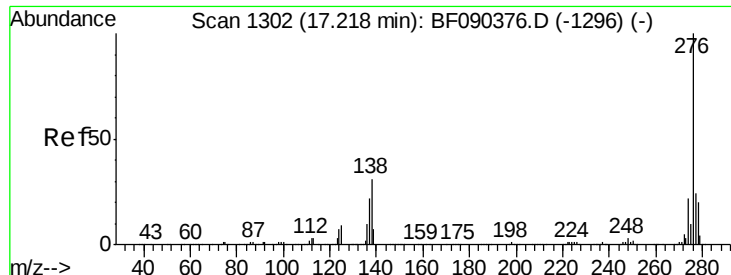
Tgt Ion:149 Resp: 210022
 Ion Ratio Lower Upper
 149 100
 167 21.5 21.5 32.3
 279 1.2 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 6.78 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion:149 Resp: 333903
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 12.8 11.8 17.8

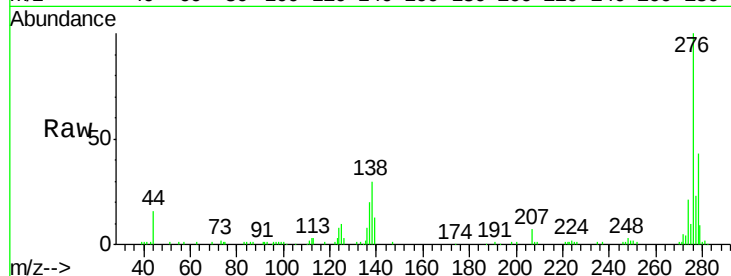




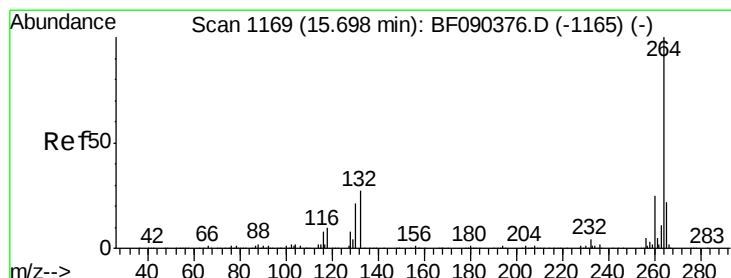
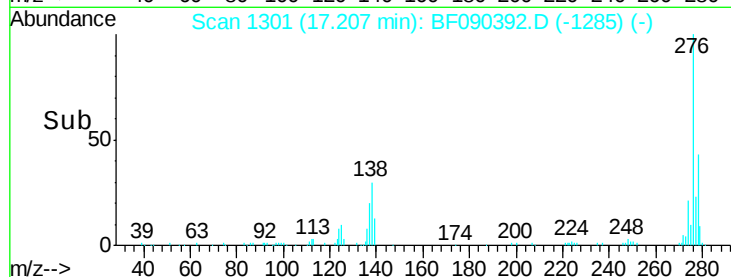
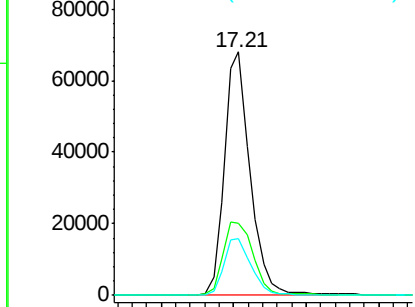
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.66 ng
 RT: 17.21 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.6	23.8	35.8
277	24.6	20.4	30.6

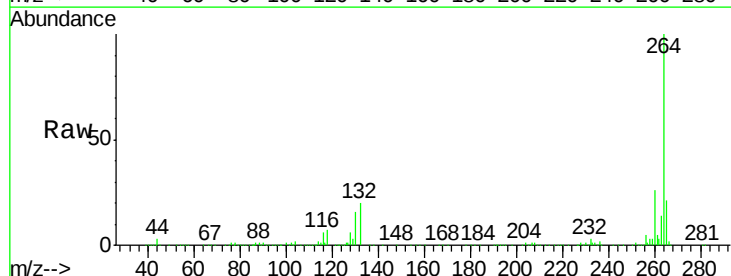


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

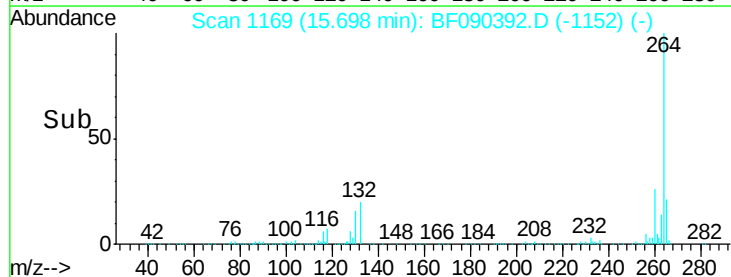
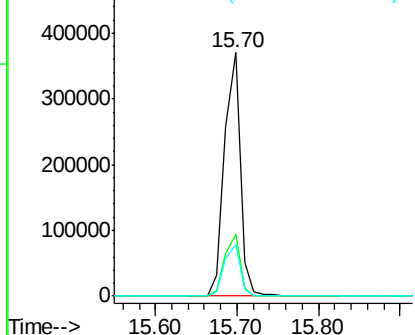


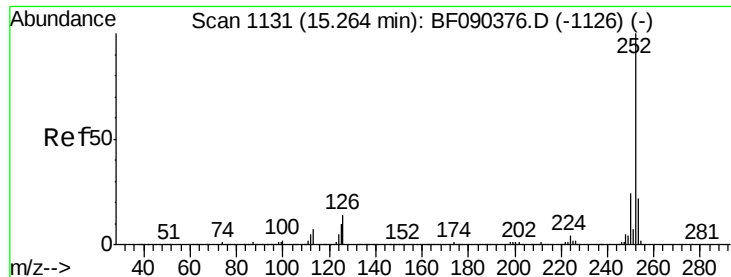
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090392.D
 Acq: 5 Oct 2016 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.49 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

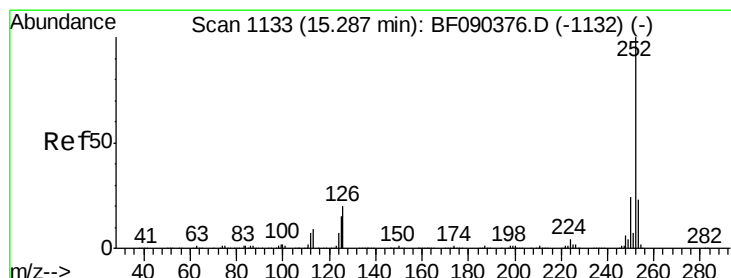
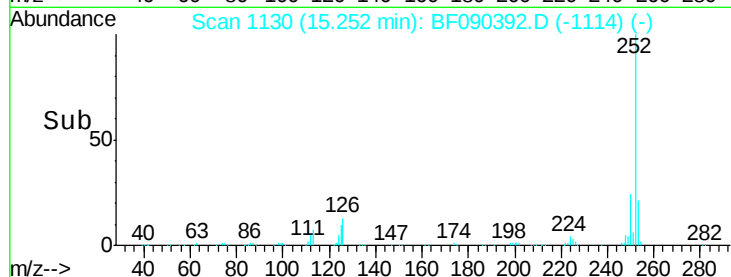
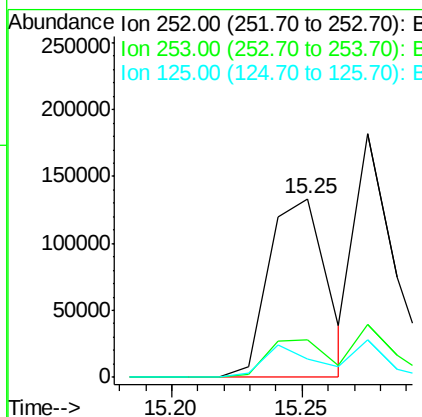
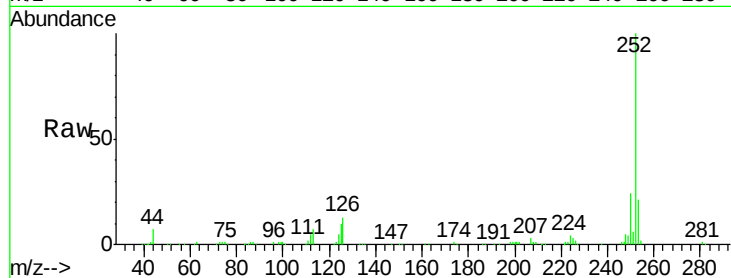
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	252	Resp:	206277
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.2	27.2
125	10.1	7.0	10.4



#88

Benzo(k)fluoranthene

Concen: 6.91 ng

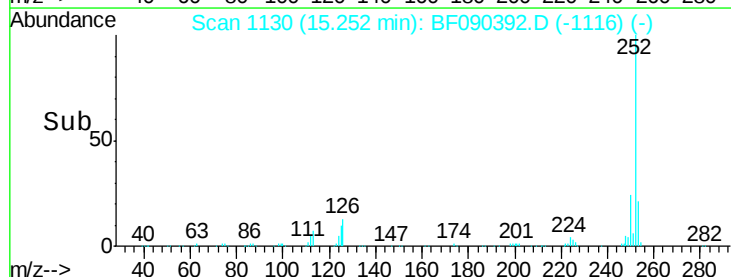
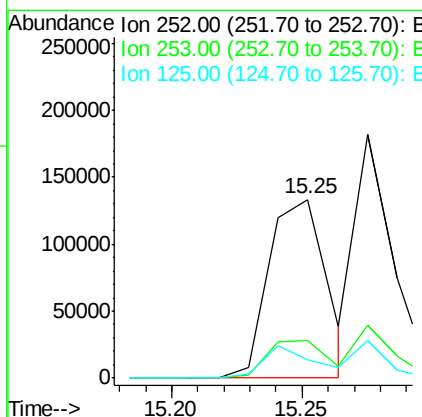
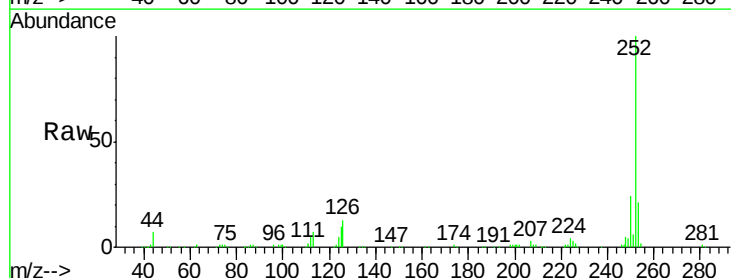
RT: 15.25 min Scan# 1130

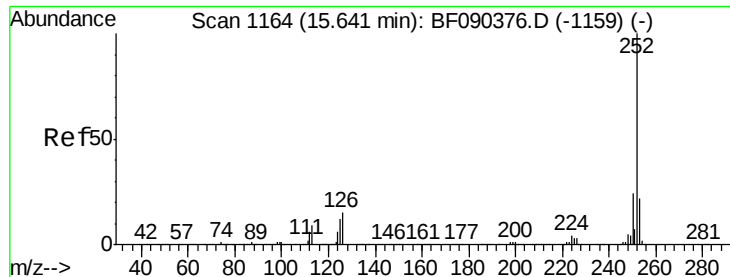
Delta R.T. -0.03 min

Lab File: BF090392.D

Acq: 5 Oct 2016 21:01

Tgt Ion:	252	Resp:	206277
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.6	27.8
125	10.1	11.7	17.5#

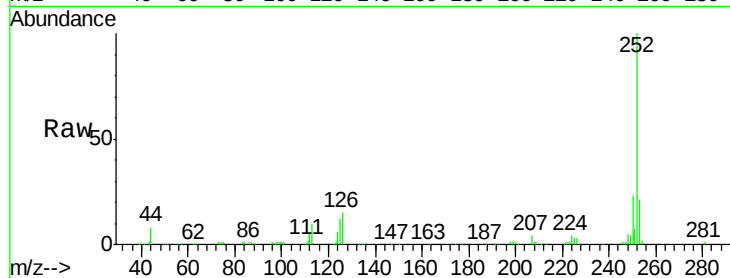




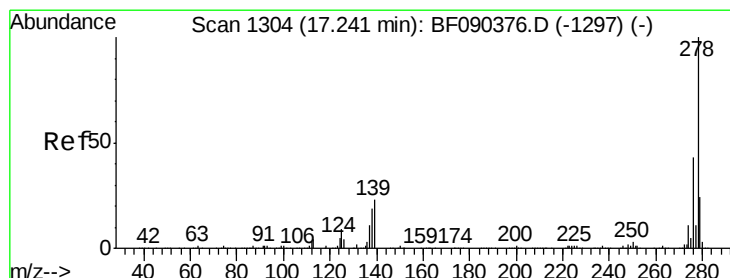
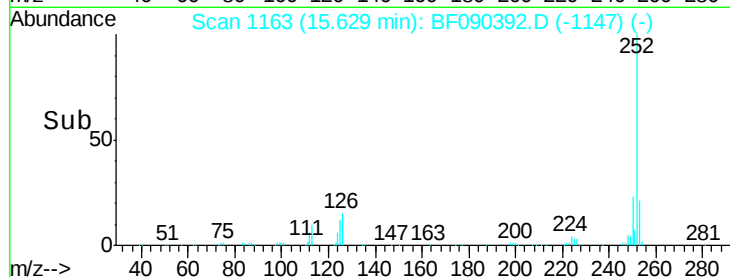
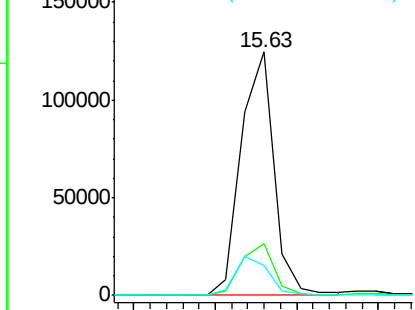
#89
Benzo(a)pyrene
Concen: 6.36 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 252 Resp: 174356
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.2 9.8 14.8

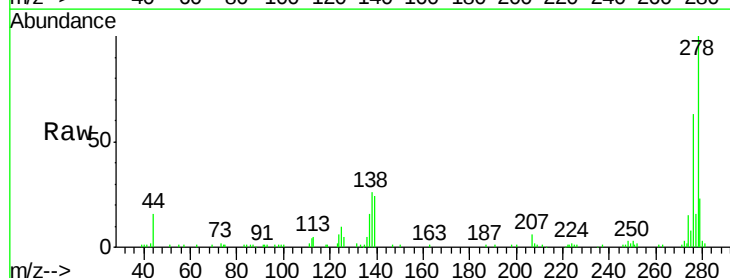


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

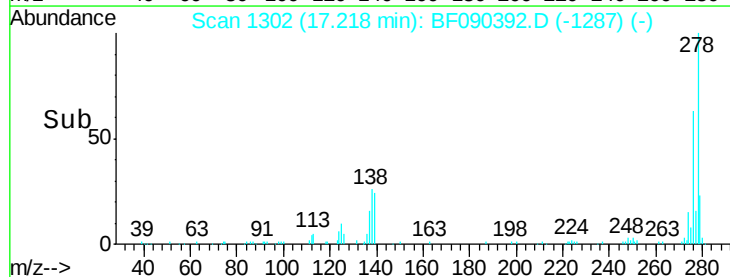
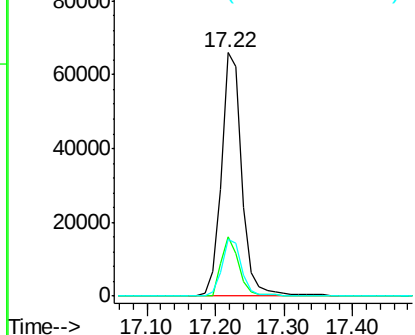


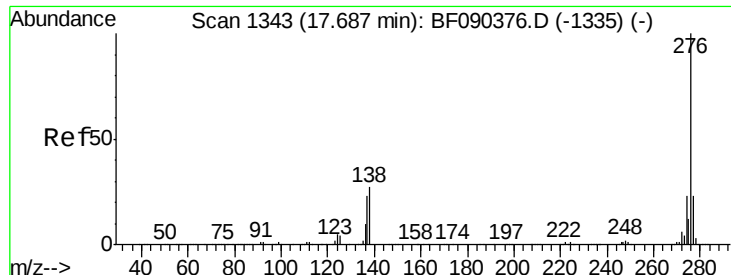
#90
Dibenzo(a,h)anthracene
Concen: 6.00 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF090392.D
Acq: 5 Oct 2016 21:01

Tgt Ion: 278 Resp: 139923
Ion Ratio Lower Upper
278 100
139 24.2 12.8 19.2#
279 23.1 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.97 ng

RT: 17.65 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BF090392.D

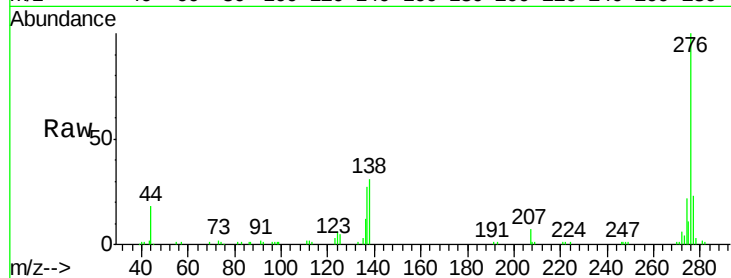
Acq: 5 Oct 2016 21:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4



Tgt Ion: 276 Resp: 133488

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 31.0 20.8 31.2

