

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087349.D
 Acq On : 24 May 2016 21:27
 Operator : UM/SJ
 Sample : H3135-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Quant Time: May 25 00:45:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	108951	20.00	ng	-0.06
21) Naphthalene-d8	9.59	136	453475	20.00	ng	-0.06
38) Acenaphthene-d10	12.42	164	222680	20.00	ng	-0.06
63) Phenanthrene-d10	14.82	188	434718	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	350196	20.00	ng	-0.05
86) Perylene-d12	20.18	264	208718	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	998847	161.09	ng	-0.02
7) Phenol-d6	7.11	99	1252317	149.47	ng	-0.06
23) Nitrobenzene-d5	8.48	82	941341	104.62	ng	-0.06
41) 2,4,6-Tribromophenol	13.73	330	343575	160.56	ng	-0.06
44) 2-Fluorobiphenyl	11.37	172	1581809	100.14	ng	-0.06
78) Terphenyl-d14	17.18	244	1524635	92.56	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	134828	41.21	ng	# 70
3) Pyridine	2.73	79	101353	14.17	ng	# 58
4) n-Nitrosodimethylamine	2.58	42	290212	52.66	ng	# 49
6) Aniline	7.10	93	45307	4.18	ng	# 1
8) 2-Chlorophenol	7.24	128	399131	51.62	ng	90
9) Benzaldehyde	6.91	77	43917	9.49	ng	95
10) Phenol	7.13	94	476242	52.06	ng	80
11) bis(2-Chloroethyl)ether	7.21	93	390141	52.69	ng	91
12) 1,3-Dichlorobenzene	7.46	146	417143	49.46	ng	96
13) 1,4-Dichlorobenzene	7.59	146	431090	49.79	ng	95
14) 1,2-Dichlorobenzene	7.82	146	405492	50.63	ng	98
15) Benzyl Alcohol	7.86	79	315869	51.71	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.06	45	785110	47.12	ng	99
17) 2-Methylphenol	8.07	107	329031	53.10	ng	# 83
18) Hexachloroethane	8.33	117	162337	50.26	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	339505	54.34	ng	# 68
20) 3+4-Methylphenols	8.33	107	424599	56.68	ng	# 60
22) Acetophenone	8.25	105	598509	55.25	ng	# 96
24) Nitrobenzene	8.50	77	479365	50.47	ng	99
25) Isophorone	8.90	82	849842	52.66	ng	99
26) 2-Nitrophenol	9.00	139	210146	54.13	ng	# 70
27) 2,4-Dimethylphenol	9.15	122	358170	53.14	ng	86
28) bis(2-Chloroethoxy)methane	9.28	93	488227	53.71	ng	98
29) 2,4-Dichlorophenol	9.43	162	339257	55.85	ng	98
30) 1,2,4-Trichlorobenzene	9.51	180	354673	51.01	ng	96
31) Naphthalene	9.62	128	1315493	57.89	ng	99
32) Benzoic acid	9.48	122	167193	48.15	ng	# 78
33) 4-Chloroaniline	9.80	127	28278	3.38	ng	# 88
34) Hexachlorobutadiene	9.84	225	208766	49.39	ng	98
35) Caprolactam	10.42	113	51940	29.30	ng	# 55
36) 4-Chloro-3-methylphenol	10.64	107	383123	55.79	ng	91
37) 2-Methylnaphthalene	10.75	142	790232	55.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	338420	47.48	ng	98
40) Hexachlorocyclopentadiene	11.00	237	283492	94.68	ng	94

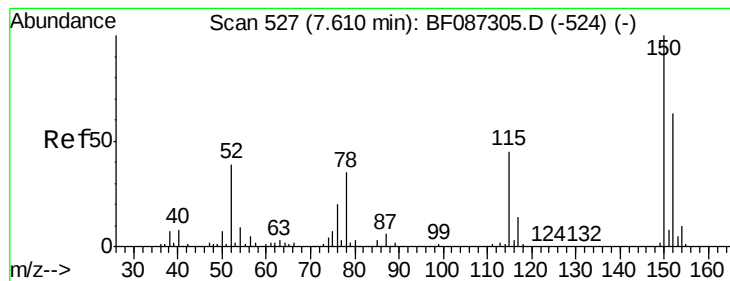
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	222641	54.11	ng	93
43) 2,4,5-Trichlorophenol	11.34	196	220719	52.68	ng #	92
45) 1,1'-Biphenyl	11.52	154	958504	51.12	ng	97
46) 2-Chloronaphthalene	11.53	162	714912	49.84	ng #	91
47) 2-Nitroaniline	11.75	65	277747	53.75	ng #	74
48) Acenaphthylene	12.19	152	1152289	50.74	ng	99
49) Dimethylphthalate	12.08	163	918198	51.47	ng	100
50) 2,6-Dinitrotoluene	12.17	165	193932	53.95	ng #	87
51) Acenaphthene	12.48	154	721636	51.70	ng	98
52) 3-Nitroaniline	12.44	138	32691	8.86	ng #	83
53) 2,4-Dinitrophenol	12.63	184	177663	95.22	ng #	76
54) Dibenzofuran	12.76	168	1050435	55.59	ng	96
55) 4-Nitrophenol	12.81	139	197645	112.32	ng #	48
56) 2,4-Dinitrotoluene	12.83	165	267376	55.66	ng	90
57) Fluorene	13.31	166	853765	52.10	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.01	232	205722	63.83	ng	98
59) Diethylphthalate	13.23	149	905778	52.23	ng	96
60) 4-Chlorophenyl-phenylether	13.35	204	401095	50.19	ng	89
61) 4-Nitroaniline	13.44	138	119353	34.67	ng #	68
62) Azobenzene	13.60	77	996036	55.36	ng	87
64) 4,6-Dinitro-2-methylphenol	13.50	198	134661	48.72	ng	84
65) n-Nitrosodiphenylamine	13.55	169	465503	33.11	ng	100
66) 4-Bromophenyl-phenylether	14.14	248	234627	49.34	ng #	84
67) Hexachlorobenzene	14.21	284	248759	50.01	ng #	85
68) Atrazine	14.48	200	139067	31.03	ng	94
69) Pentachlorophenol	14.56	266	207933	130.30	ng	98
70) Phenanthrene	14.87	178	1247108	51.79	ng	99
71) Anthracene	14.95	178	1252332	51.48	ng	100
72) Carbazole	15.23	167	784733	37.82	ng	99
73) Di-n-butylphthalate	15.81	149	1386454	51.67	ng #	98
74) Fluoranthene	16.62	202	1203541	49.84	ng	96
77) Pyrene	16.93	202	1254544	49.77	ng	100
79) Butylbenzylphthalate	17.83	149	578730	51.77	ng #	69
80) Benzo(a)anthracene	18.50	228	1012030	50.81	ng	99
82) Chrysene	18.55	228	992795	50.22	ng	99
83) Bis(2-ethylhexyl)phthalate	18.57	149	781985	47.94	ng #	95
84) Di-n-octyl phthalate	19.35	149	1225862	49.28	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.42	276	701160	44.24	ng	94
87) Benzo(b)fluoranthene	19.77	252	1591910	119.74	ng #	97
88) Benzo(k)fluoranthene	19.77	252	1593379	139.24	ng	100
89) Benzo(a)pyrene	20.13	252	716373	62.30	ng	98
90) Dibenzo(a,h)anthracene	21.43	278	598025	60.98	ng #	94
91) Benzo(g,h,i)perylene	21.77	276	581528	60.10	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

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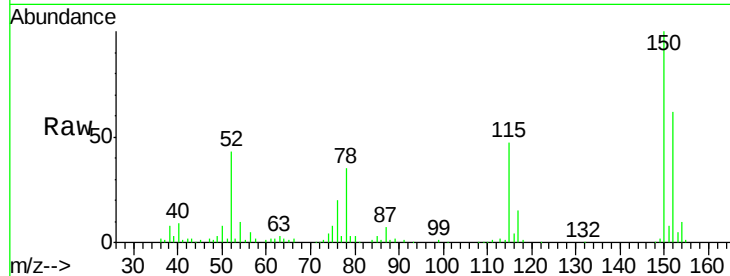
Tgt Ion:152 Resp: 108951

Ion Ratio Lower Upper

152 100

150 160.1 125.8 188.6

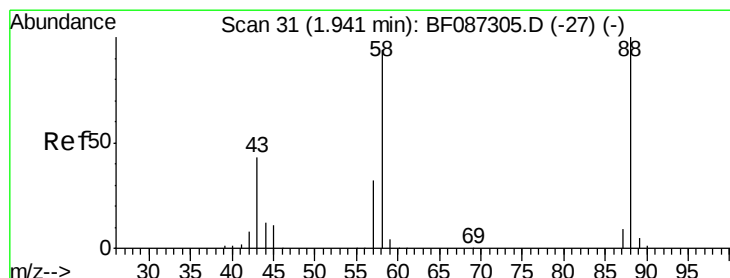
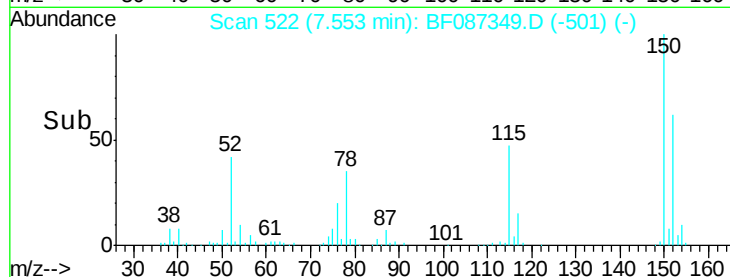
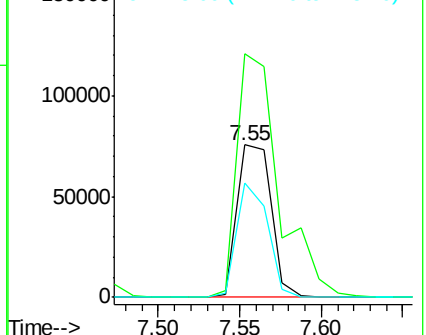
115 75.0 51.5 77.3



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: 41.21 ng

RT: 2.07 min Scan# 42

Delta R.T. 0.13 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

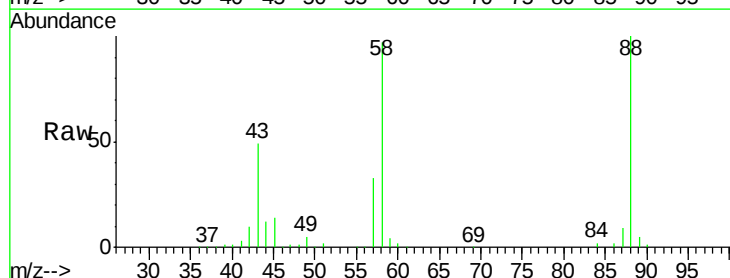
Tgt Ion: 88 Resp: 134828

Ion Ratio Lower Upper

88 100

58 93.5 59.6 89.4#

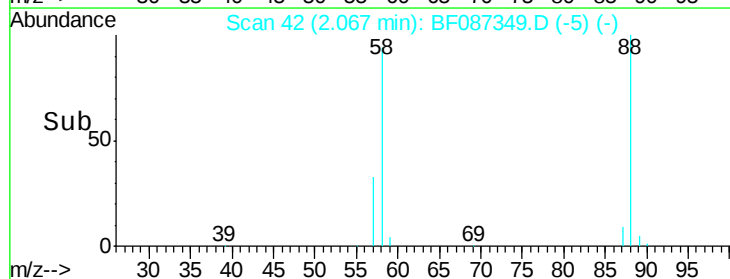
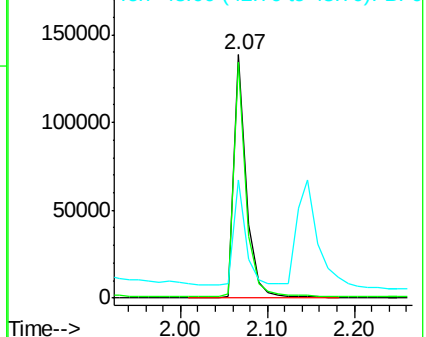
43 0.0 21.8 32.6#

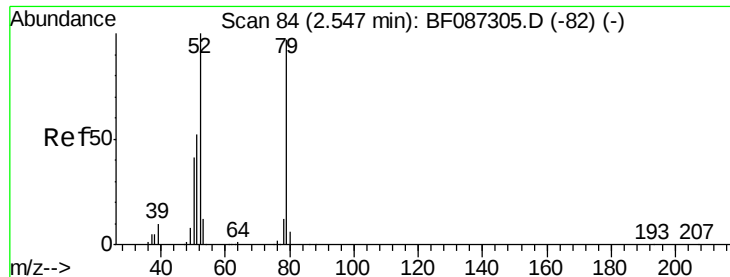


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.17 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.18 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

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ClientSampleId :

SEWER-JOBMSD

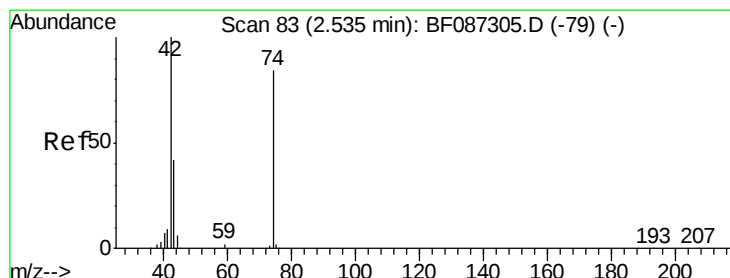
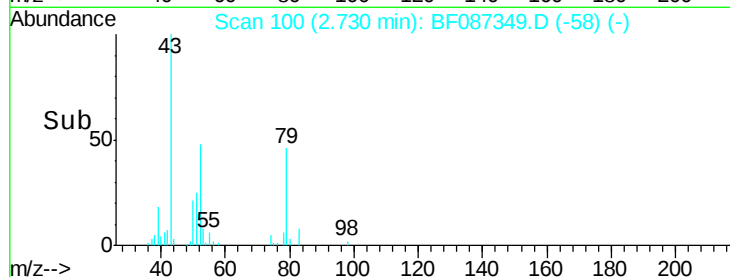
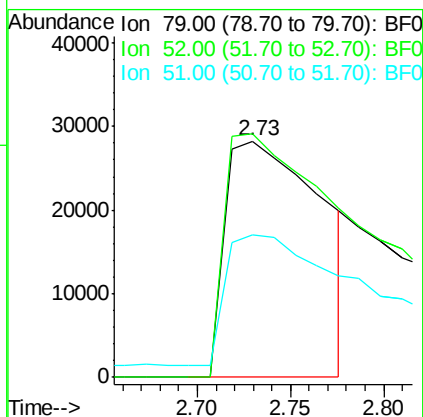
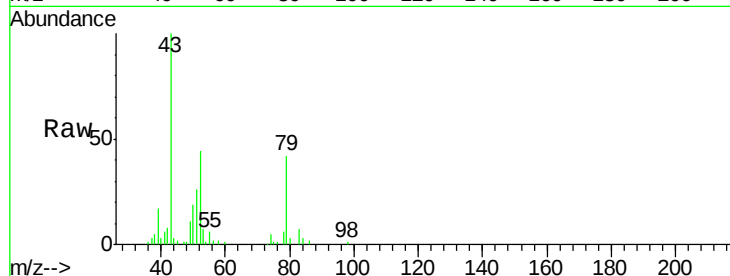
Tgt Ion: 79 Resp: 101353

Ion Ratio Lower Upper

79 100

52 103.2 55.9 83.9#

51 60.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 52.66 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

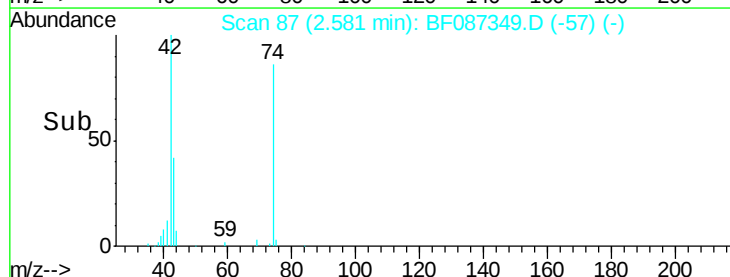
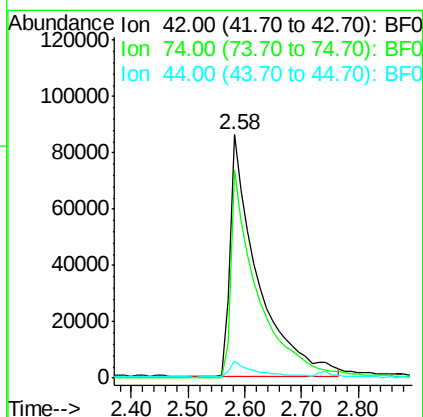
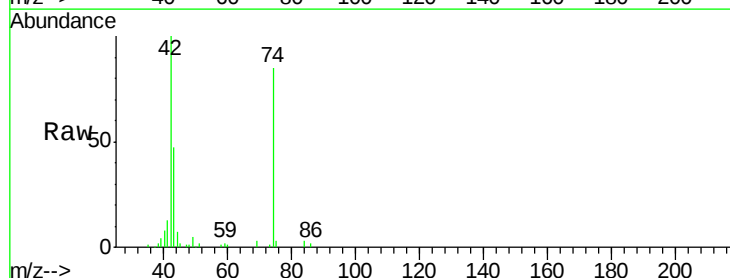
Tgt Ion: 42 Resp: 290212

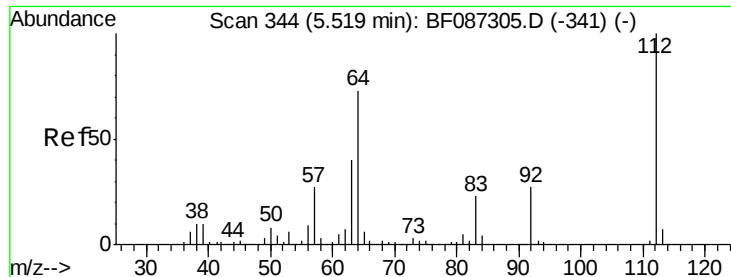
Ion Ratio Lower Upper

42 100

74 85.1 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 161.09 ng

RT: 5.50 min Scan# 342

Delta R.T. -0.02 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

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ClientSampleId :

SEWER-JOBMSD

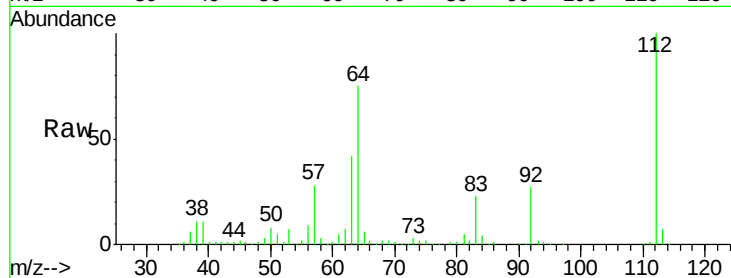
Tgt Ion: 112 Resp: 998847

Ion Ratio Lower Upper

112 100

64 74.9 52.1 78.1

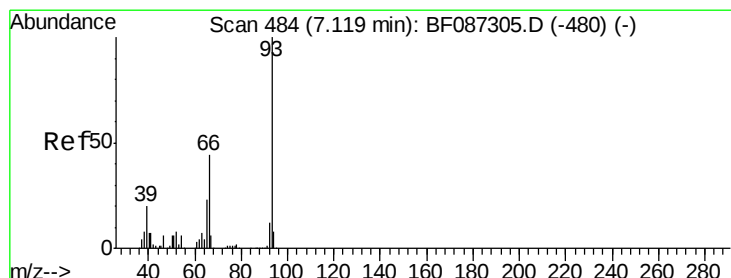
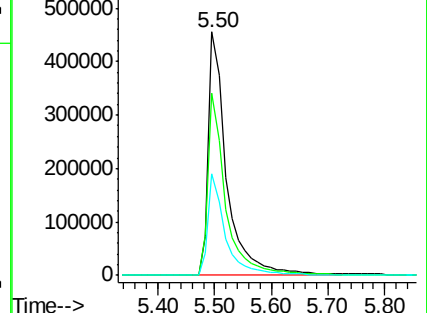
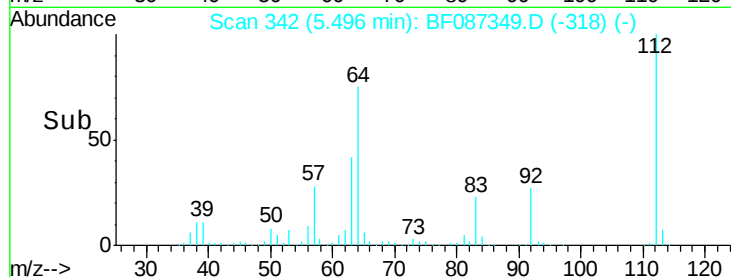
63 41.8 25.7 38.5#



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: 4.18 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

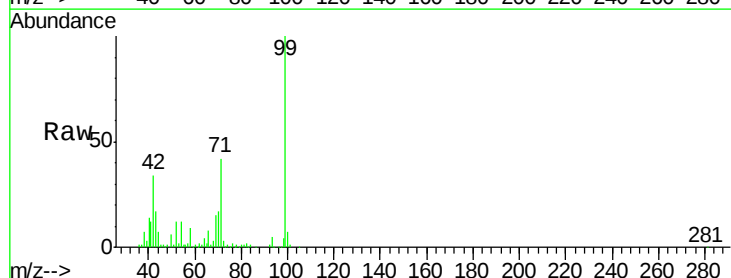
Tgt Ion: 93 Resp: 45307

Ion Ratio Lower Upper

93 100

66 158.5 39.0 58.6#

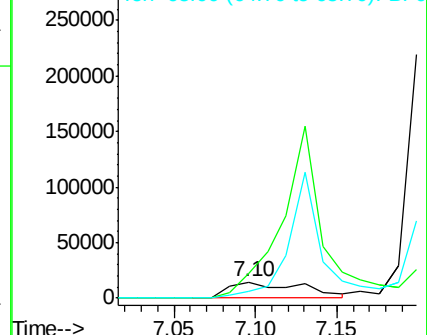
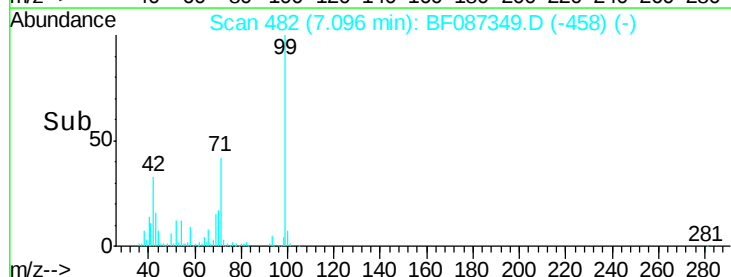
65 43.2 20.6 31.0#

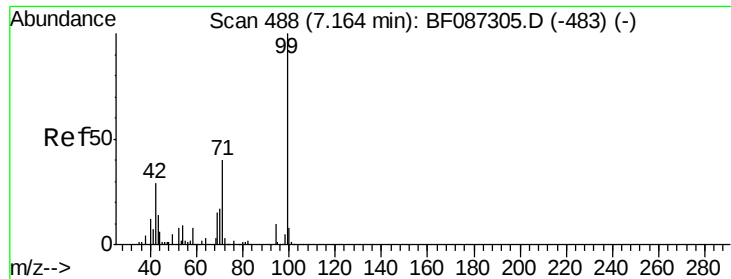


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.47 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.06 min

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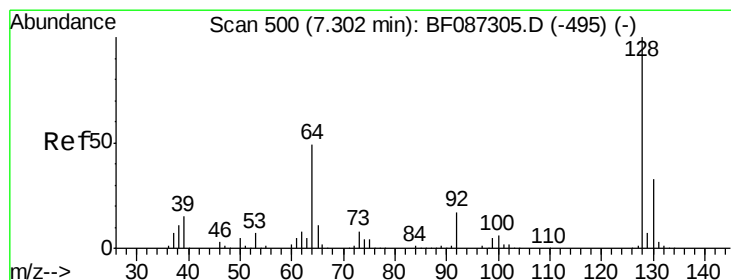
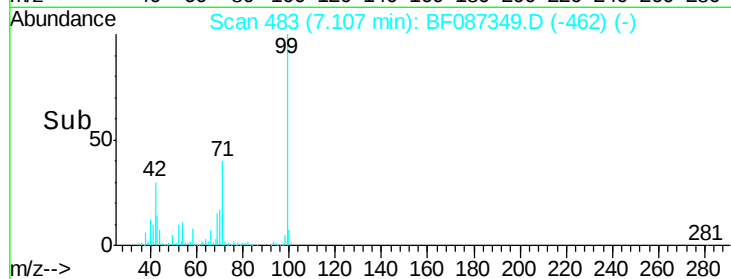
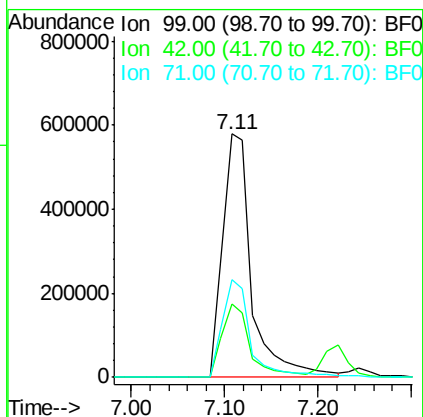
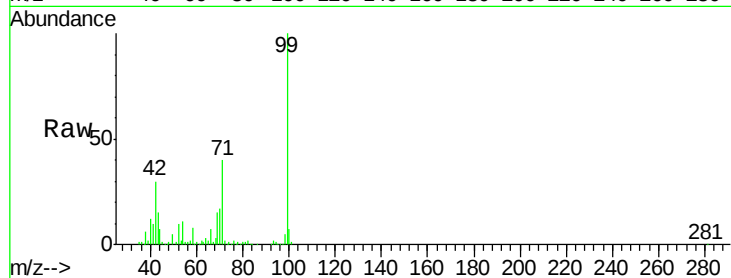
Tgt Ion: 99 Resp: 1252317

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

71 40.2 24.6 36.8#



#8

2-Chlorophenol

Concen: 51.62 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

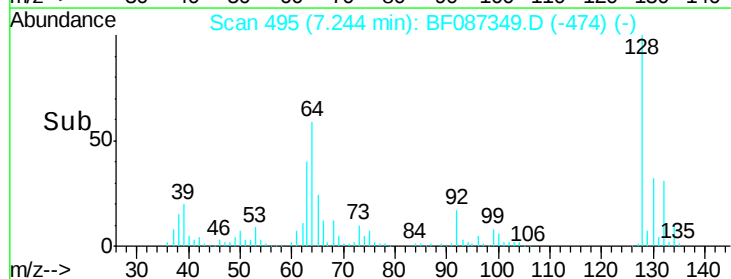
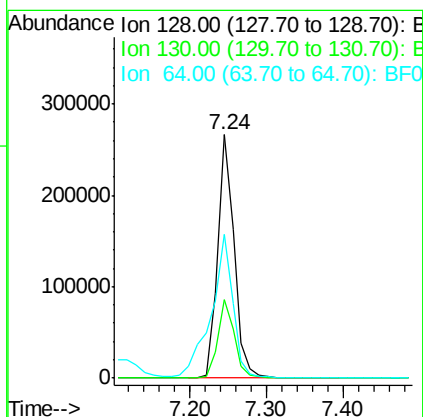
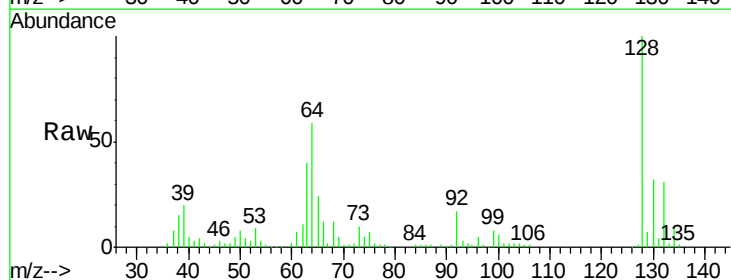
Tgt Ion: 128 Resp: 399131

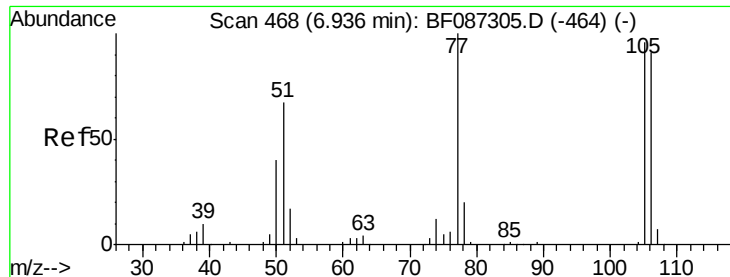
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 59.1 27.3 67.3





#9

Benzaldehyde

Concen: 9.49 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

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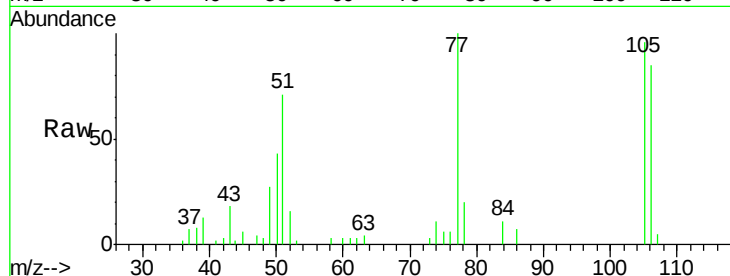
Tgt Ion: 77 Resp: 43917

Ion Ratio Lower Upper

77 100

105 96.4 72.7 112.7

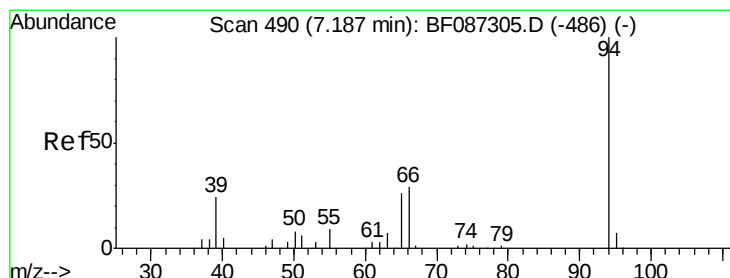
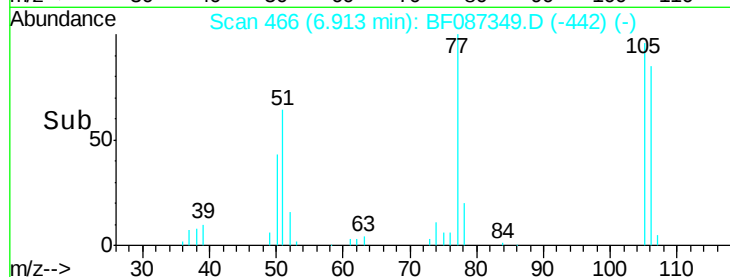
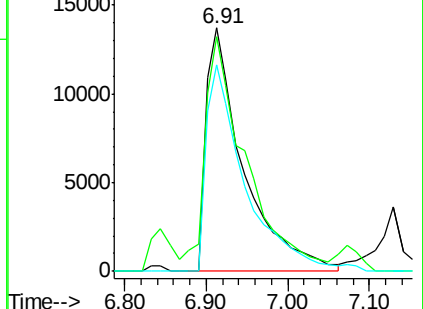
106 84.8 70.8 110.8



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: 52.06 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

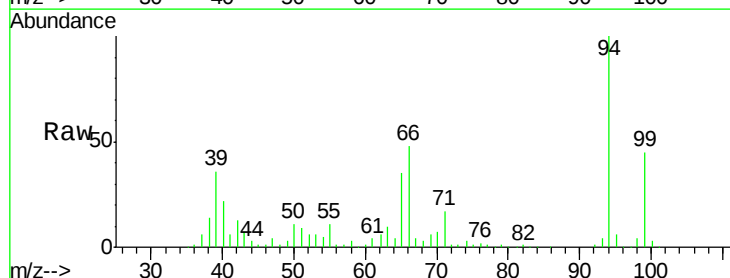
Tgt Ion: 94 Resp: 476242

Ion Ratio Lower Upper

94 100

65 35.3 7.2 47.2

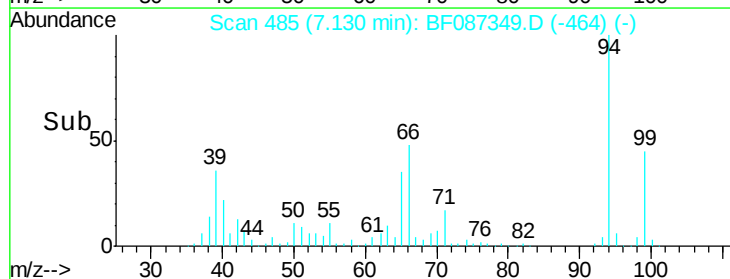
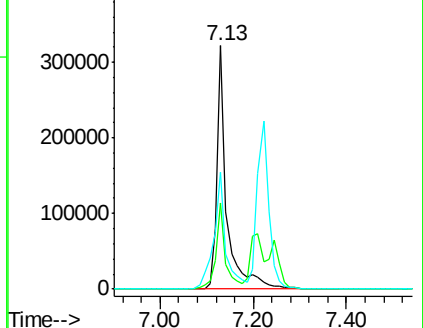
66 48.0 14.9 54.9

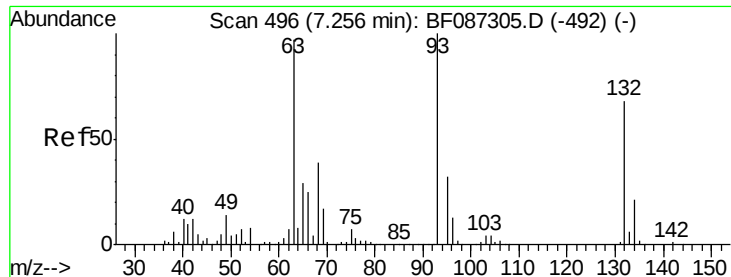


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.69 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

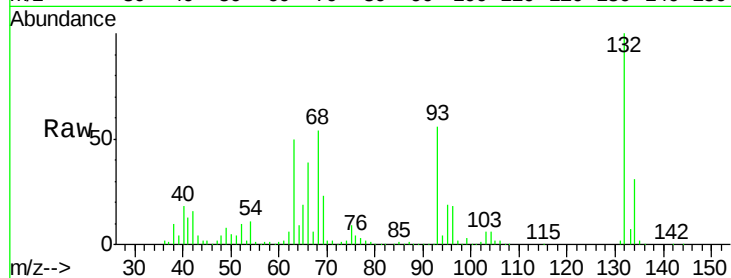
Tgt Ion: 93 Resp: 390141

Ion Ratio Lower Upper

93 100

63 88.4 58.0 98.0

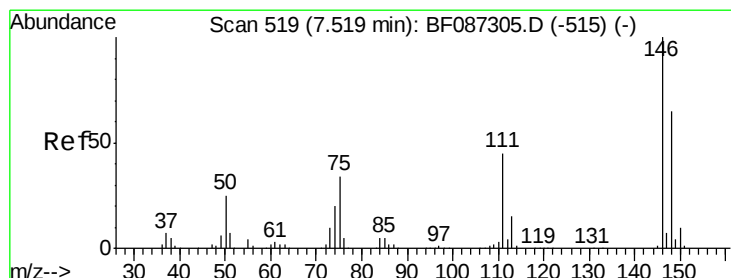
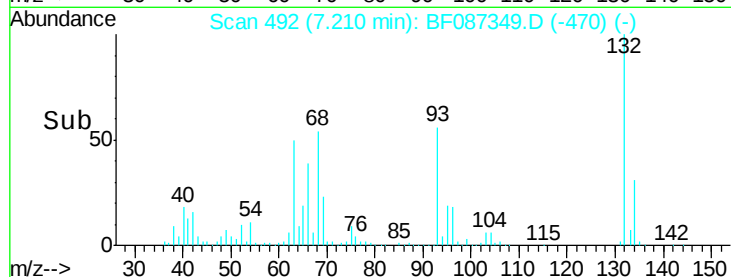
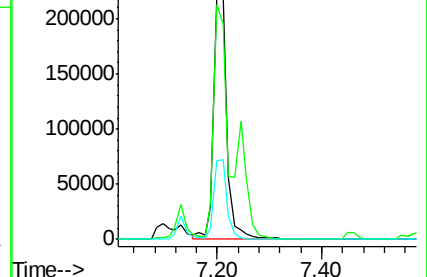
95 33.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.46 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

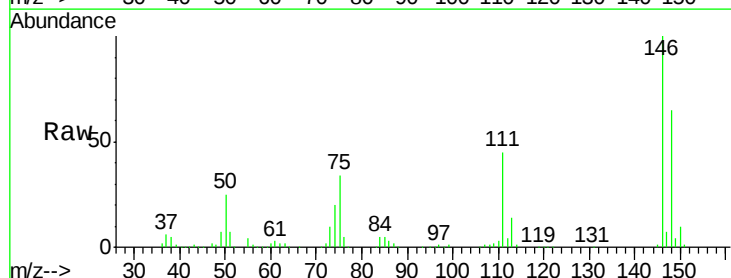
Tgt Ion: 146 Resp: 417143

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

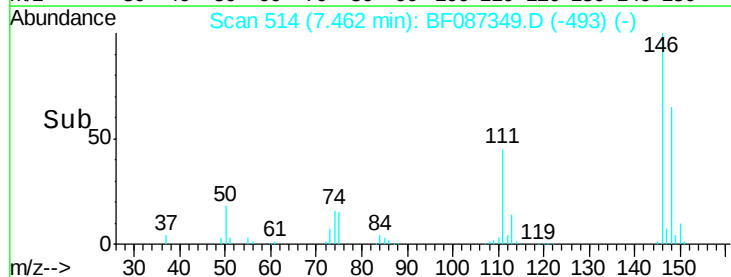
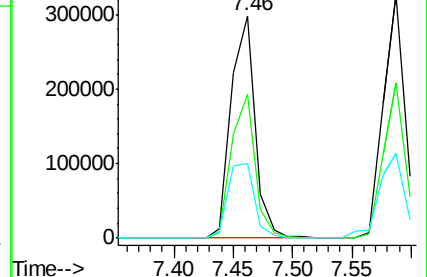
75 33.7 22.8 34.2

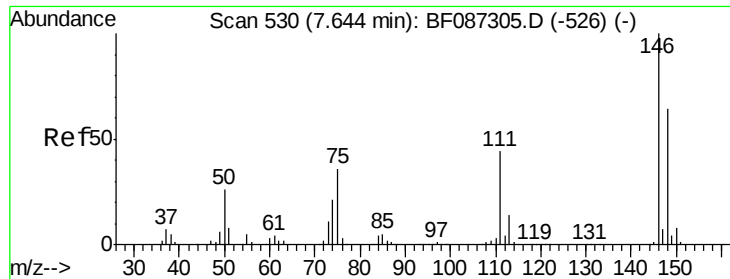


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

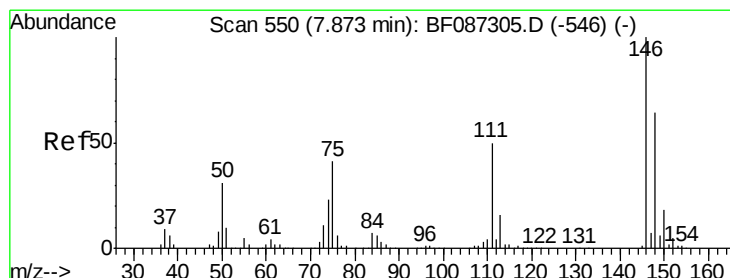
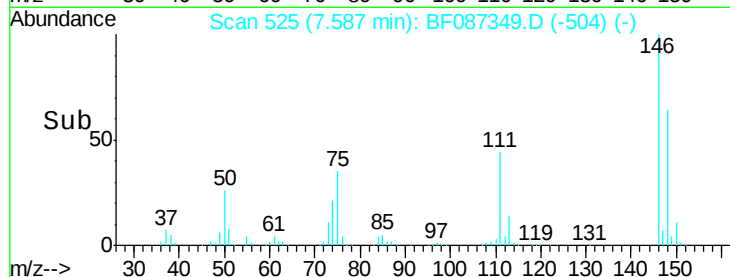
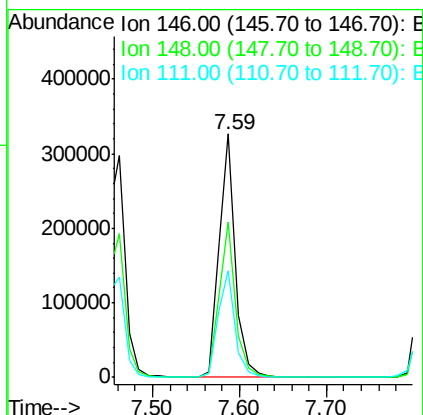
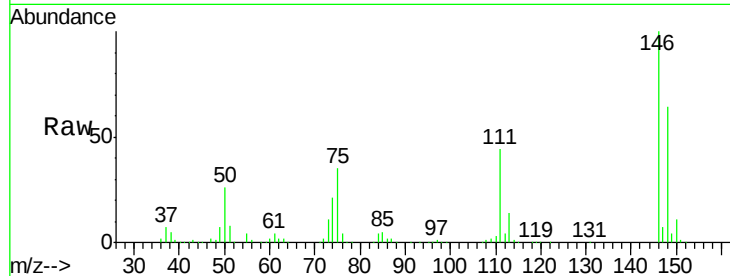




#13
 1,4-Dichlorobenzene
 Concen: 49.79 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

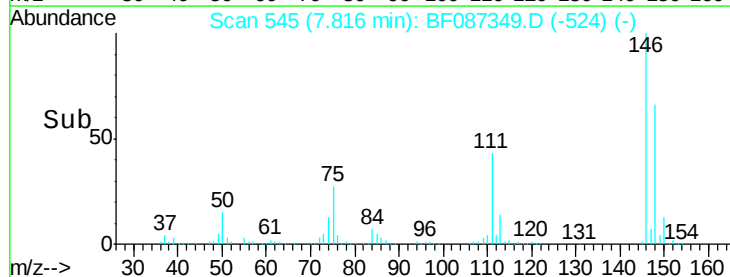
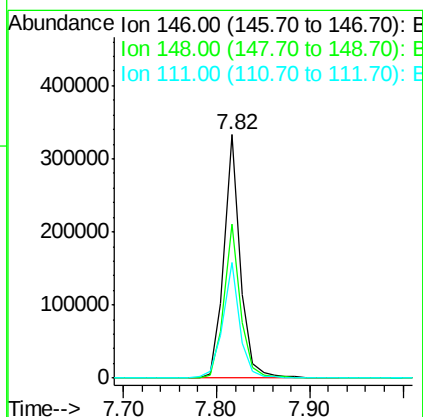
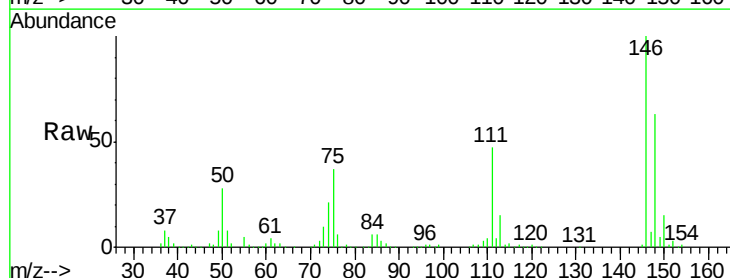
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

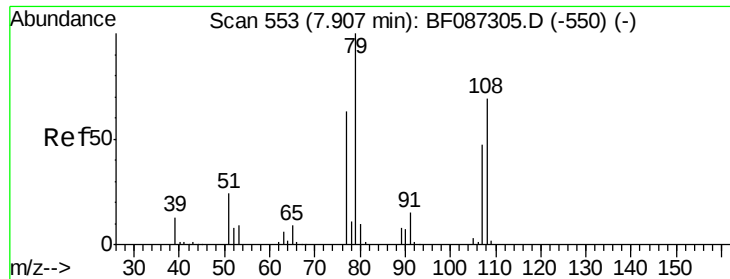
Tgt Ion:146 Resp: 431090
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 43.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 50.63 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion:146 Resp: 405492
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 47.3 36.2 54.4

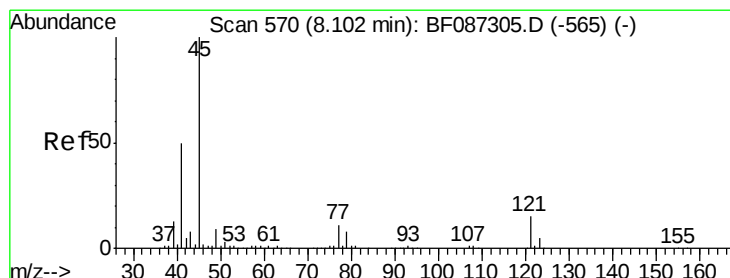
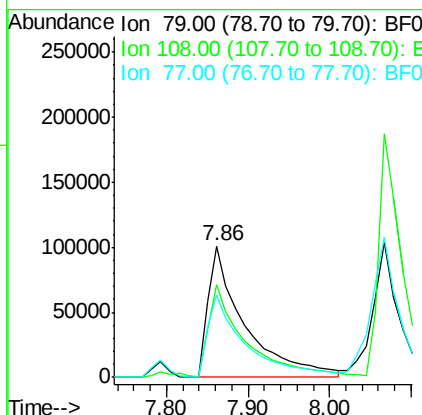
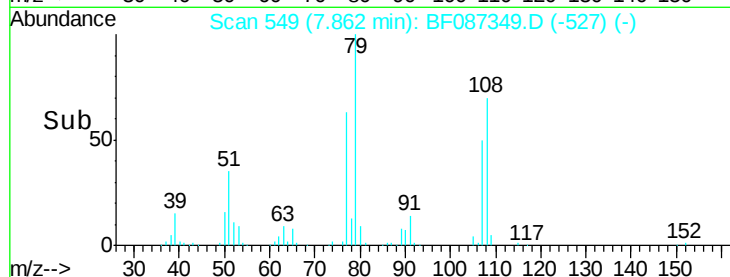
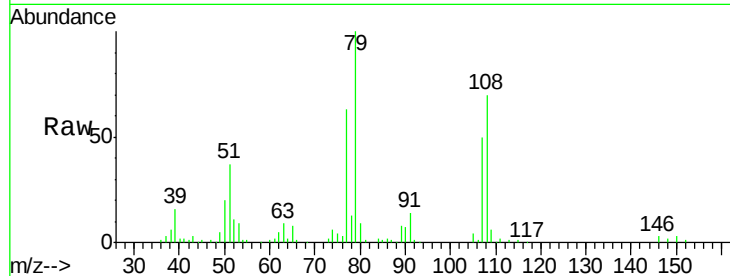




#15
Benzyl Alcohol
Concen: 51.71 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.05 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

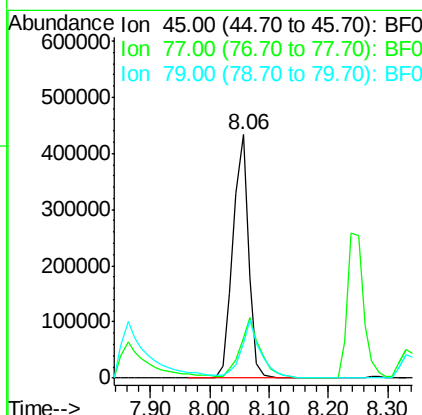
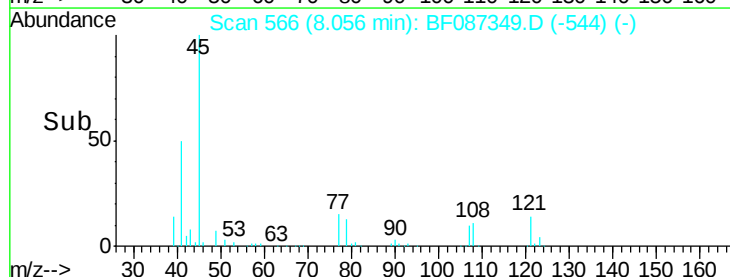
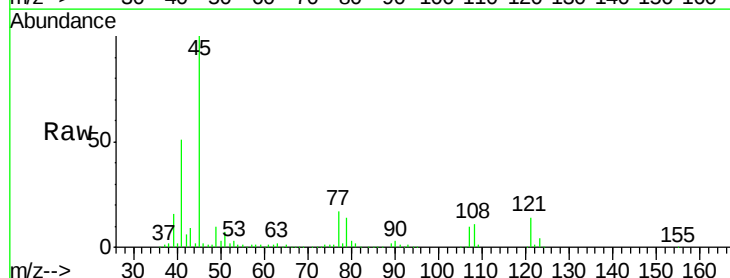
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

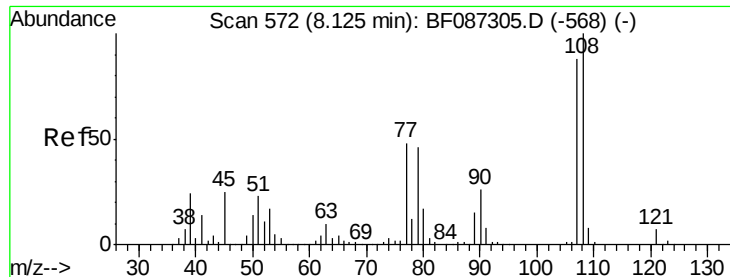
Tgt Ion: 79 Resp: 315869
Ion Ratio Lower Upper
79 100
108 70.5 68.4 102.6
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.12 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.05 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion: 45 Resp: 785110
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.4
79 14.2 0.0 33.4

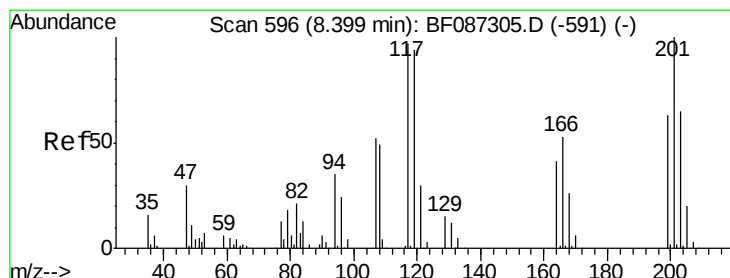
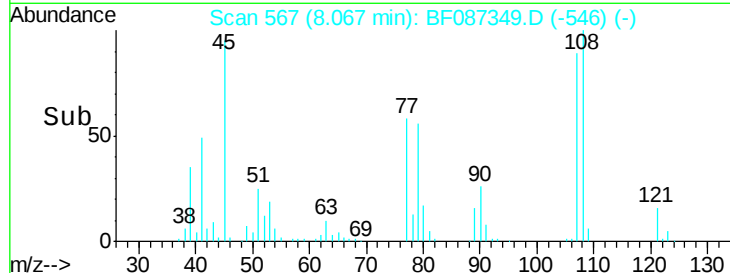
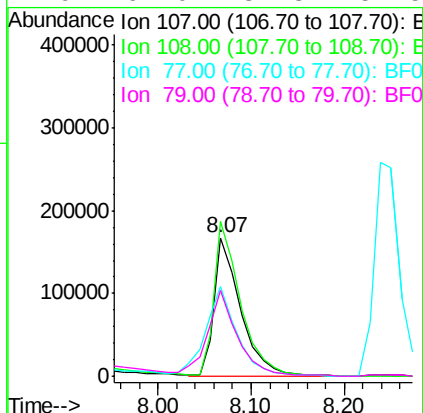
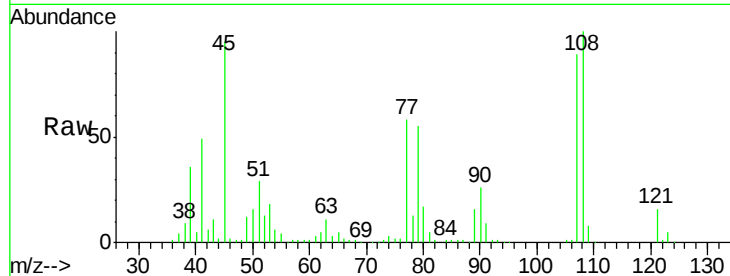




#17
2-Methylphenol
Concen: 53.10 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

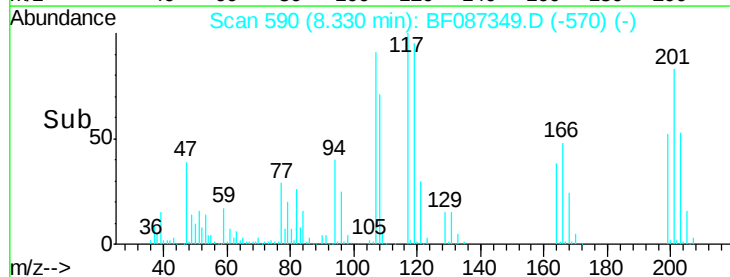
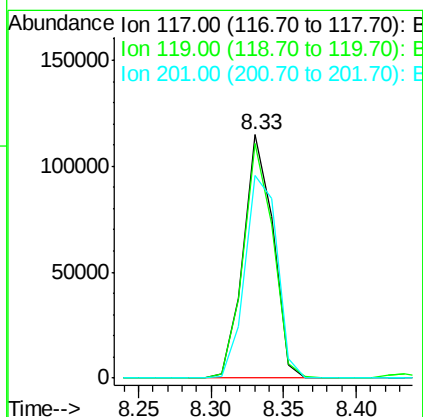
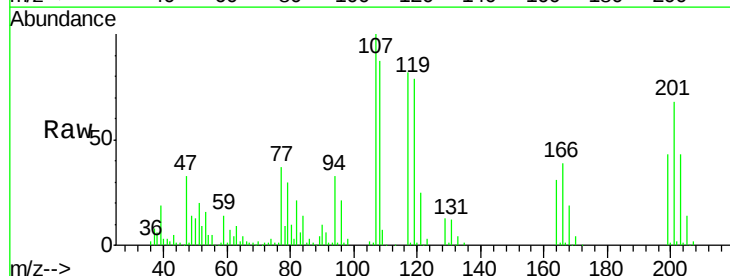
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

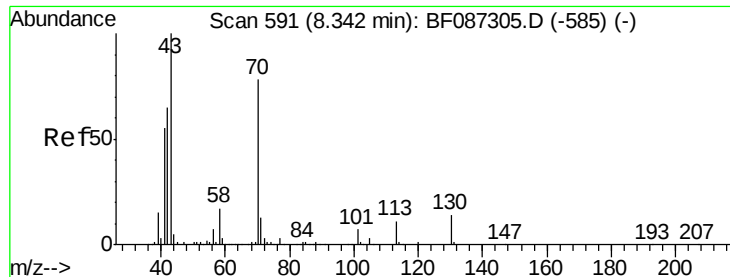
Tgt Ion:107 Resp: 329031
Ion Ratio Lower Upper
107 100
108 111.8 93.7 140.5
77 64.4 33.4 50.0#
79 62.0 34.3 51.5#



#18
Hexachloroethane
Concen: 50.26 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:117 Resp: 162337
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 83.5 63.0 94.6

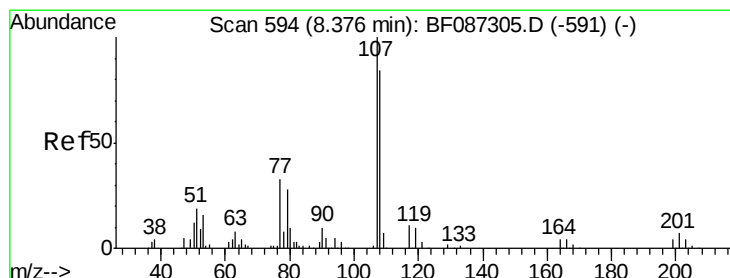
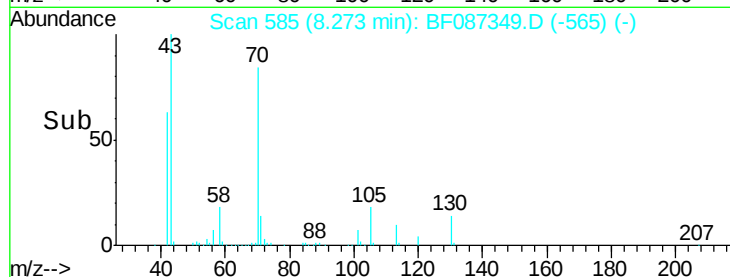
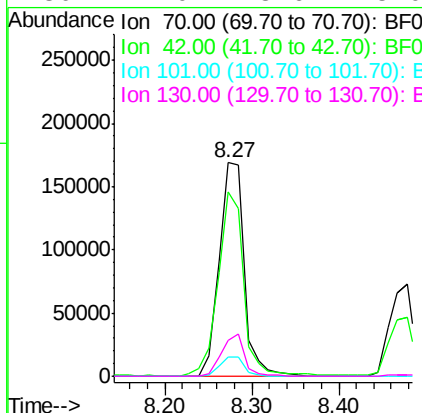
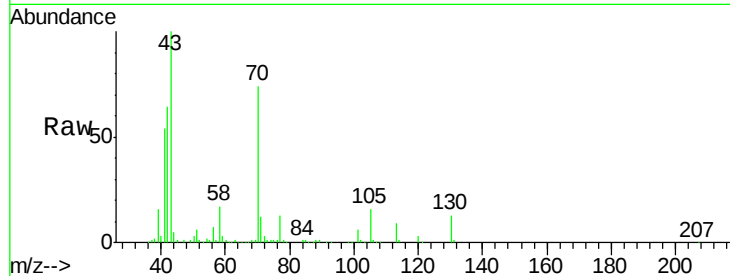




#19
n-Nitroso-di-n-propylamine
Concen: 54.34 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.07 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

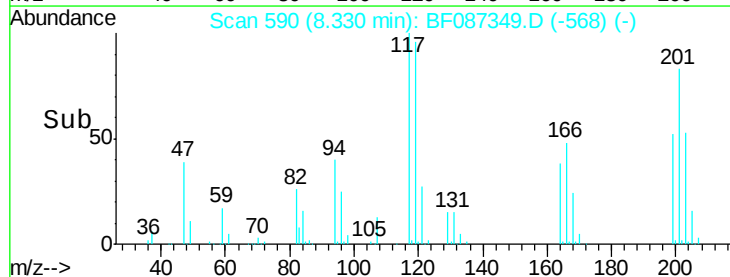
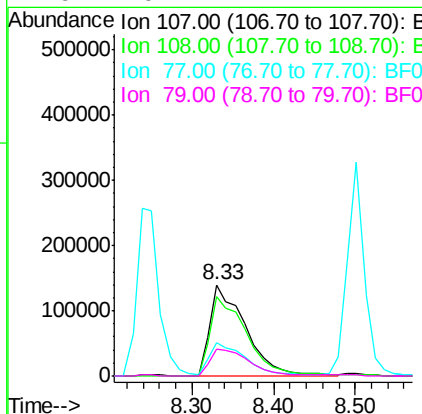
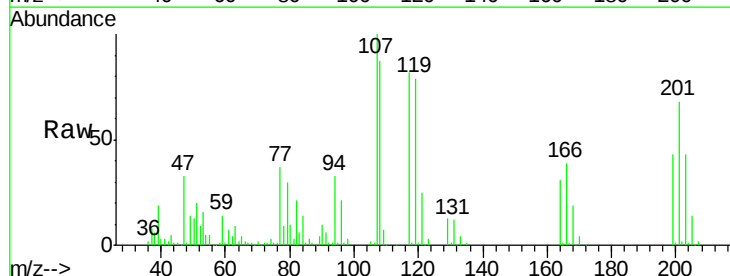
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

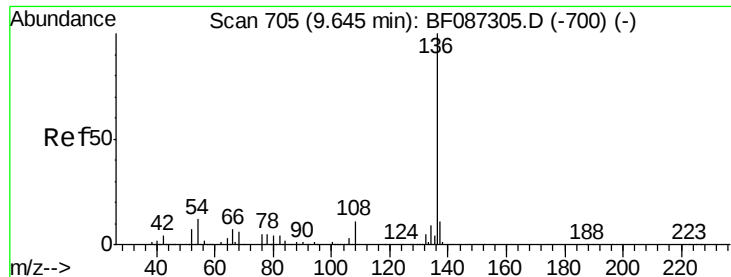
Tgt Ion: 70 Resp: 339505
Ion Ratio Lower Upper
70 100
42 86.1 43.1 64.7#
101 8.8 8.1 12.1
130 17.0 18.6 28.0#



#20
3+4-Methylphenols
Concen: 56.68 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.05 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion: 107 Resp: 424599
Ion Ratio Lower Upper
107 100
108 87.1 68.5 108.5
77 36.6 101.6 141.6#
79 29.7 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

Tgt Ion:136 Resp: 453475

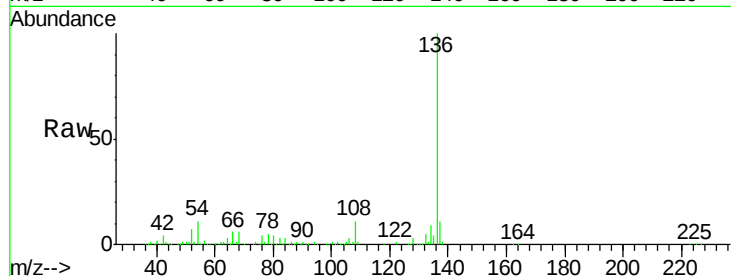
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.5 5.0 7.4#

68 5.6 4.4 6.6

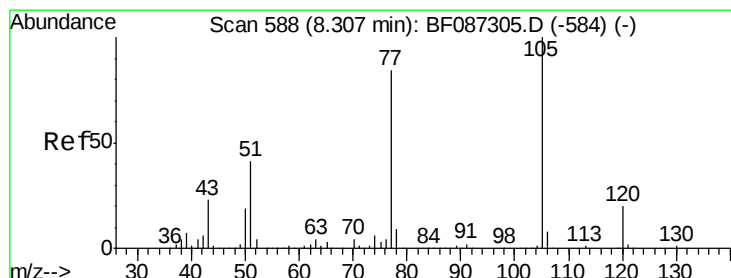
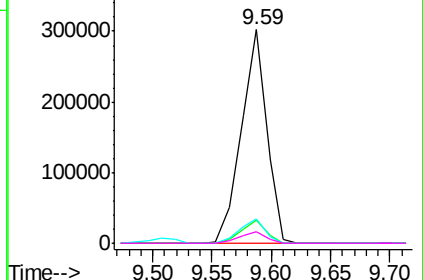
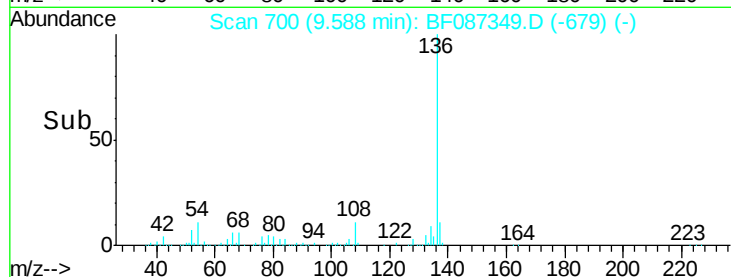


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.25 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Tgt Ion:105 Resp: 598509

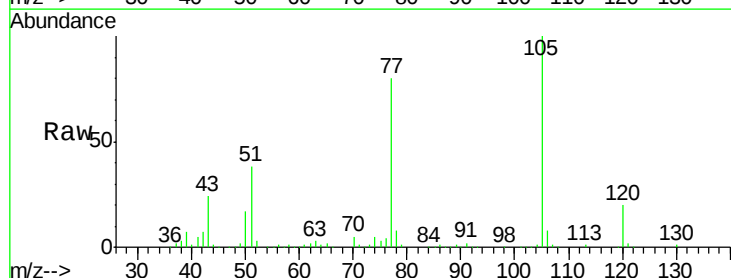
Ion Ratio Lower Upper

105 100

71 0.9 4.8 7.2#

51 38.3 32.6 49.0

120 20.4 16.5 24.7

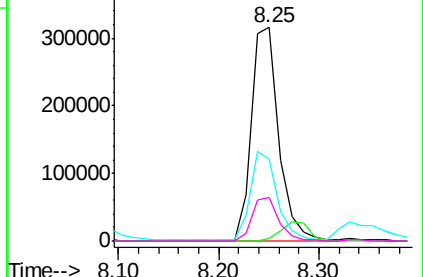
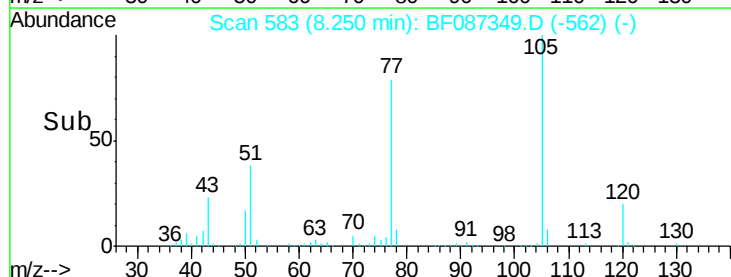


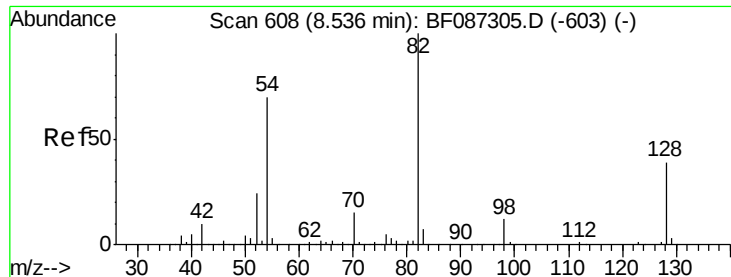
Abundance Ion 105.00 (104.70 to 105.70): E

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

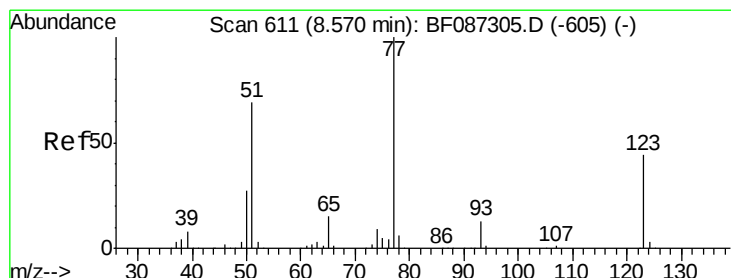
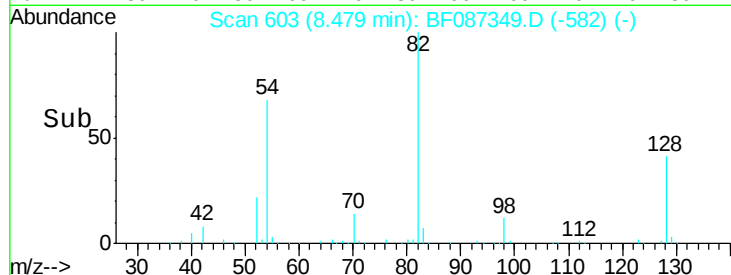
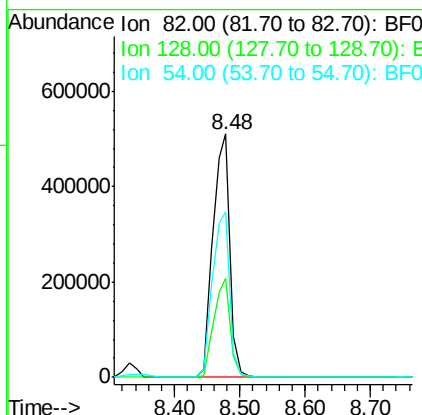
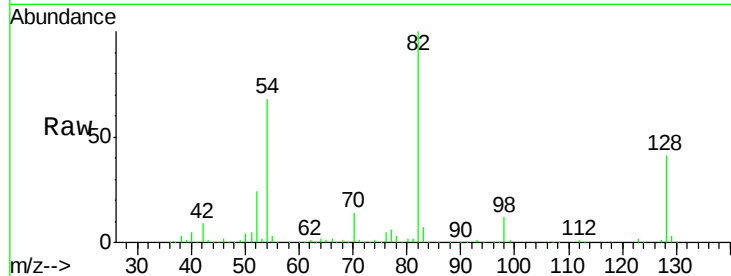




#23
 Nitrobenzene-d5
 Concen: 104.62 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

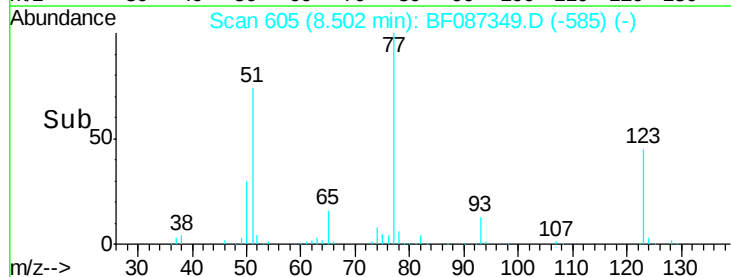
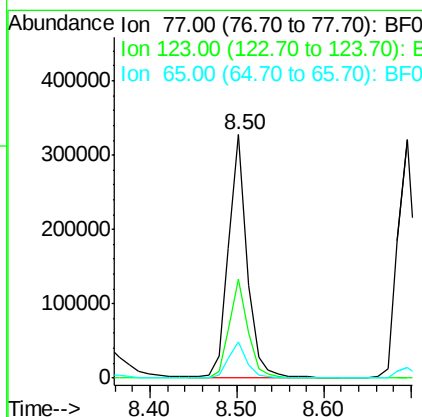
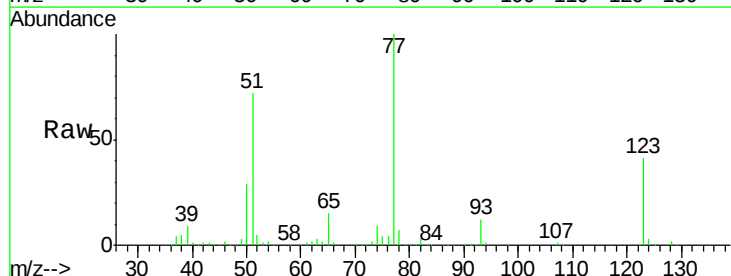
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

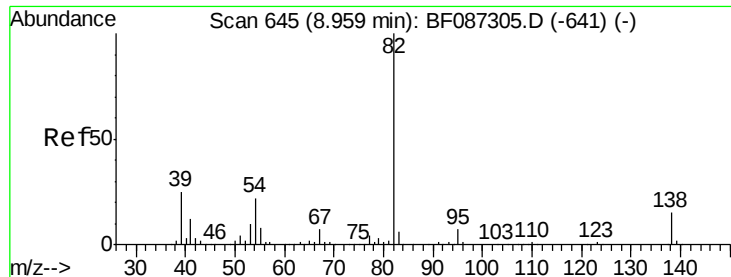
Tgt Ion: 82 Resp: 941341
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 67.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 50.47 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.07 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion: 77 Resp: 479365
 Ion Ratio Lower Upper
 77 100
 123 40.9 33.0 49.4
 65 15.0 10.8 16.2





#25

Isophorone

Concen: 52.66 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

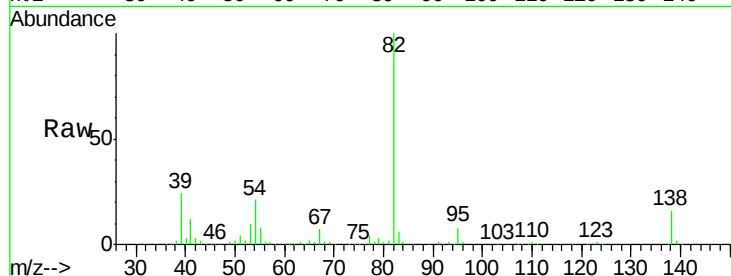
Tgt Ion: 82 Resp: 849842

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

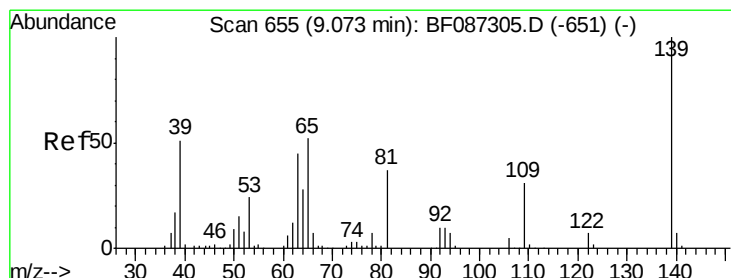
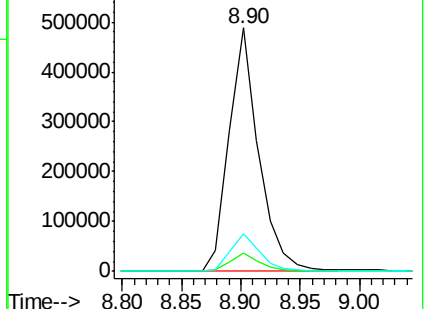
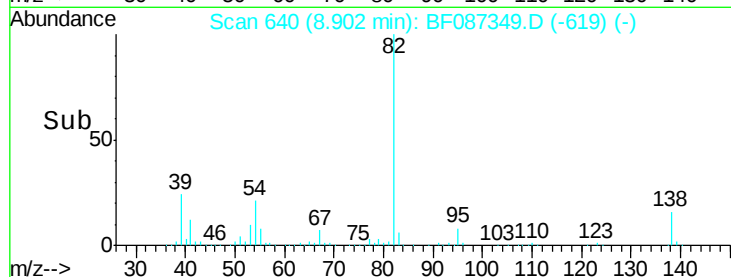
138 15.6 12.4 18.6



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: 54.13 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.07 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

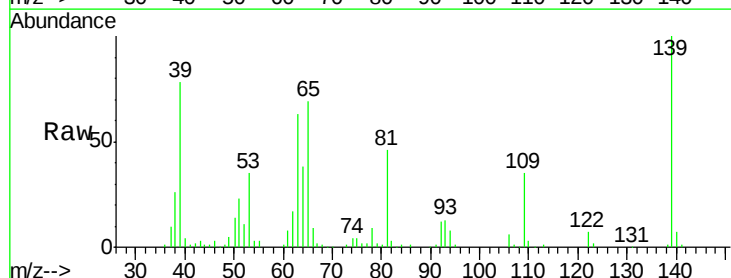
Tgt Ion: 139 Resp: 210146

Ion Ratio Lower Upper

139 100

109 35.1 19.5 29.3#

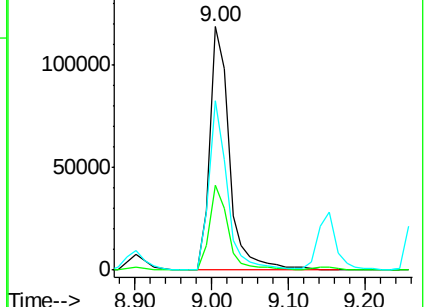
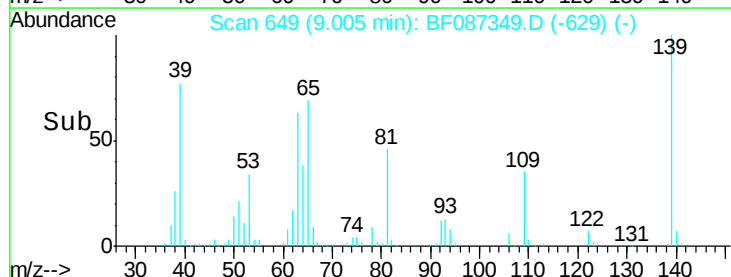
65 69.4 37.5 56.3#

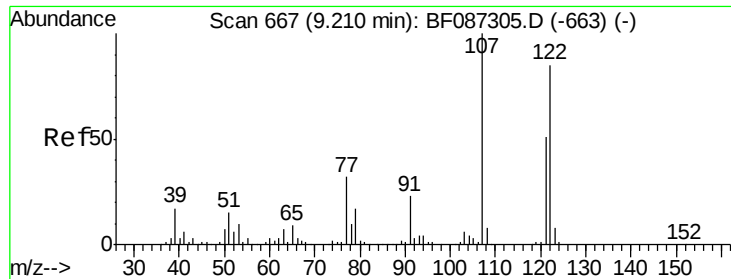


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

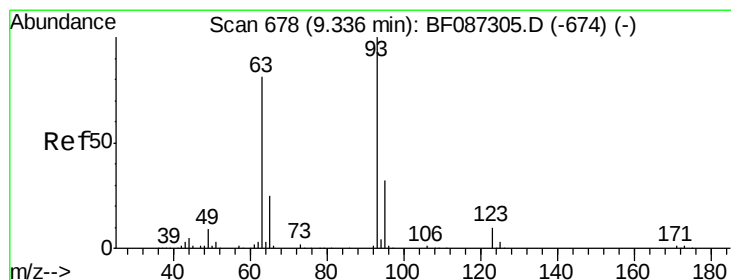
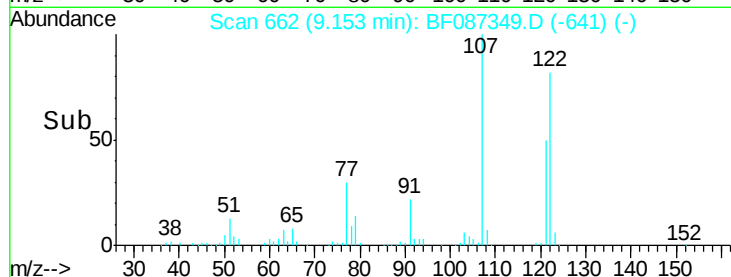
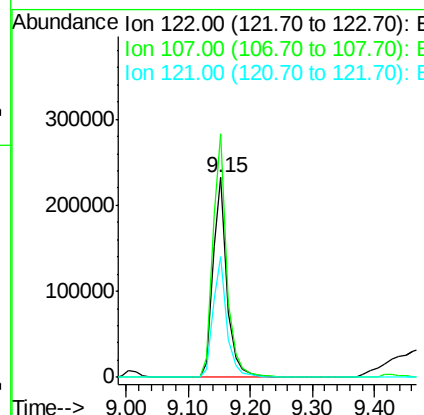
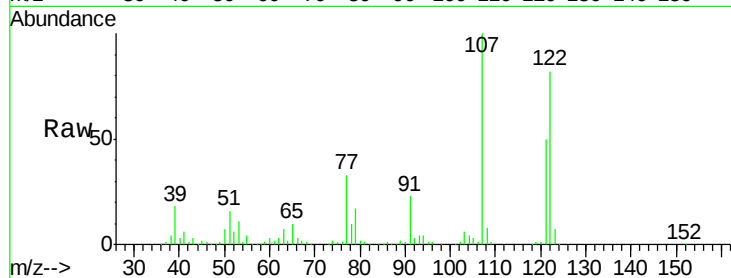




#27
 2,4-Dimethylphenol
 Concen: 53.14 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

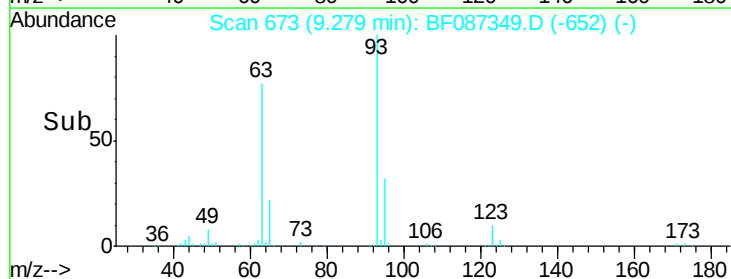
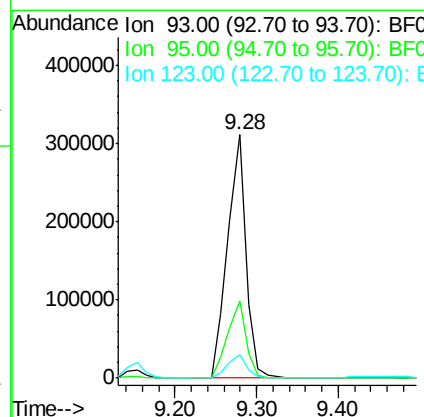
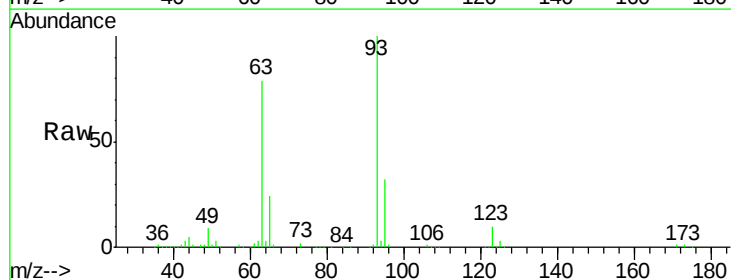
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

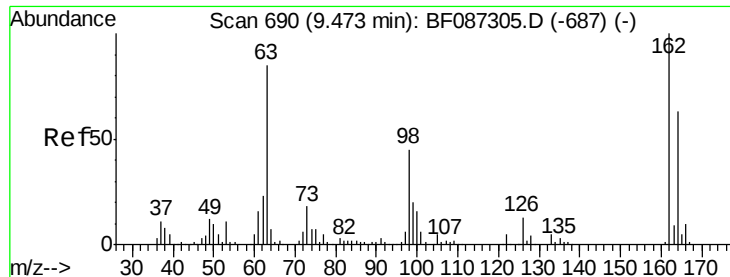
Tgt Ion:122 Resp: 358170
 Ion Ratio Lower Upper
 122 100
 107 122.0 82.0 123.0
 121 60.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.71 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion: 93 Resp: 488227
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.0 39.0
 123 9.8 9.5 14.3

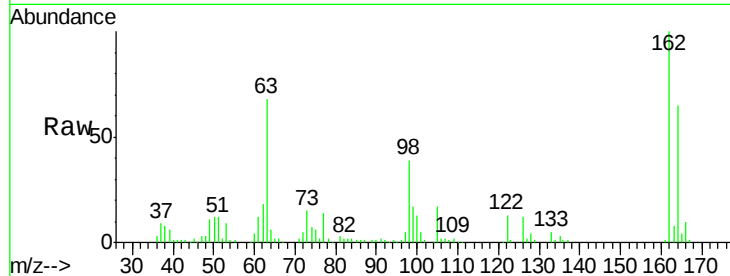




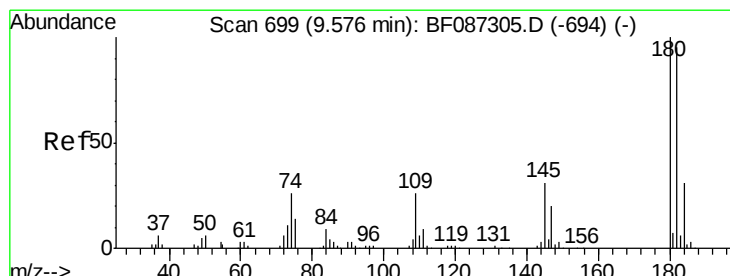
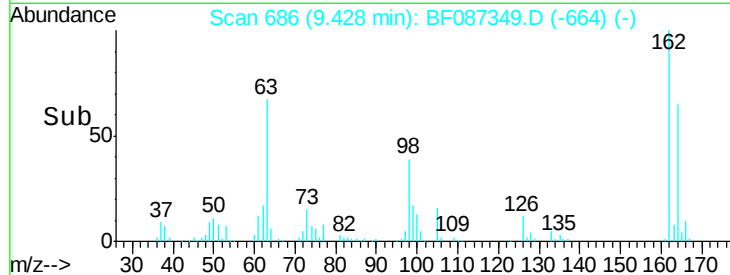
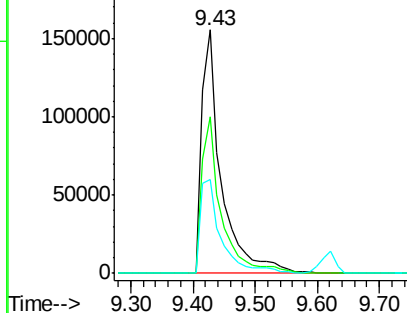
#29
 2,4-Dichlorophenol
 Concen: 55.85 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	38.7	19.0	59.0

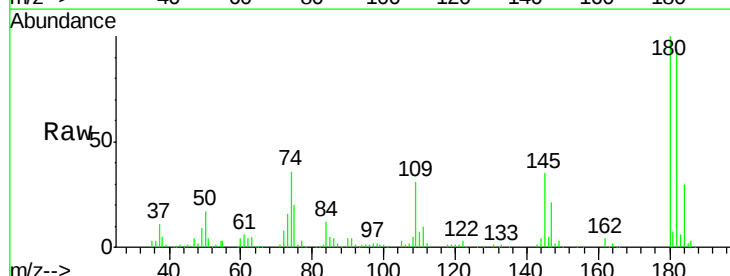


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

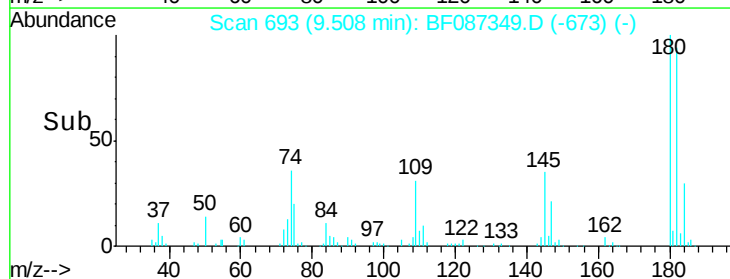
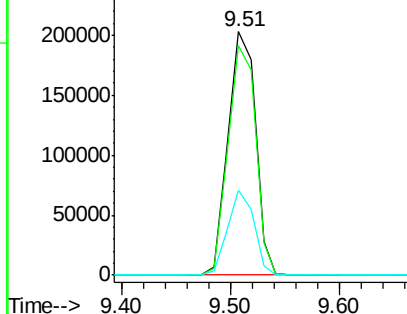


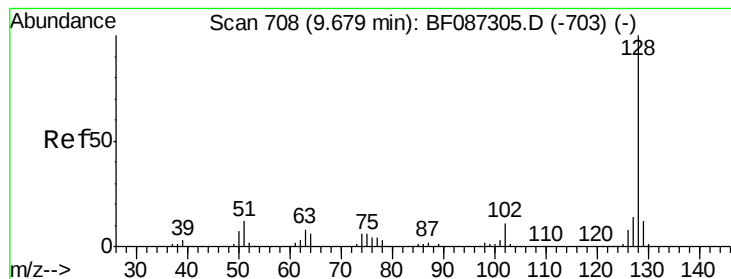
#30
 1,2,4-Trichlorobenzene
 Concen: 51.01 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	34.7	24.2	36.2



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: 57.89 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

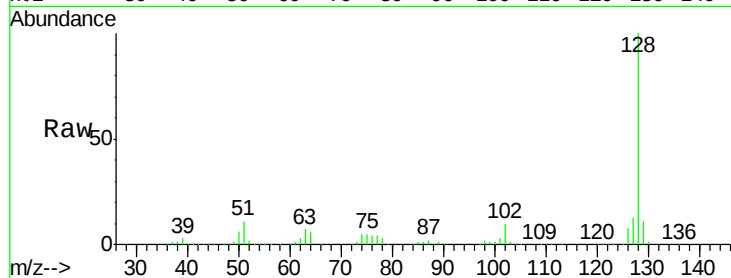
Tgt Ion:128 Resp: 1315493

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

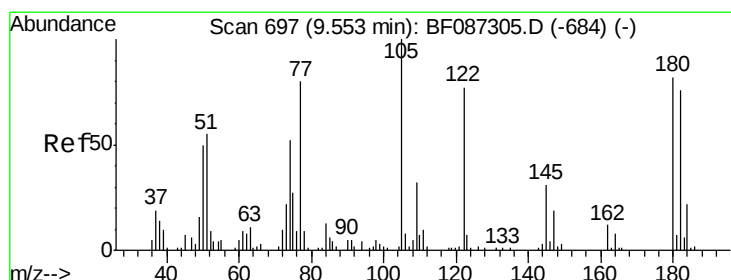
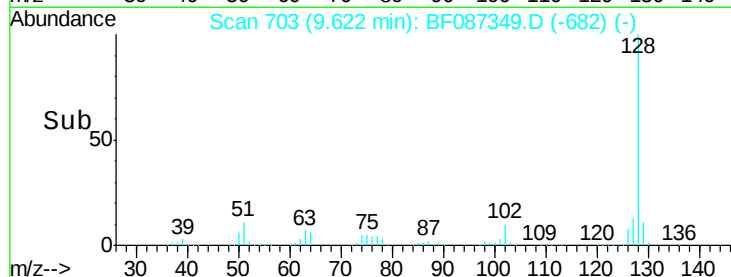
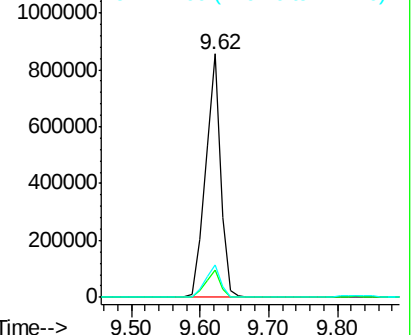
127 13.5 10.8 16.2



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: 48.15 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.07 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

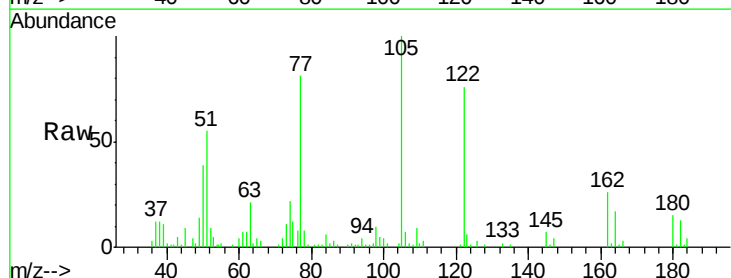
Tgt Ion:122 Resp: 167193

Ion Ratio Lower Upper

122 100

105 131.0 92.6 132.6

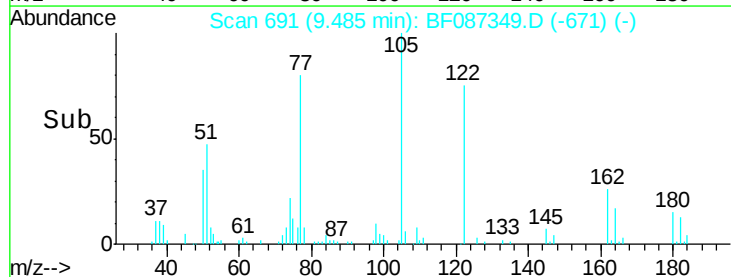
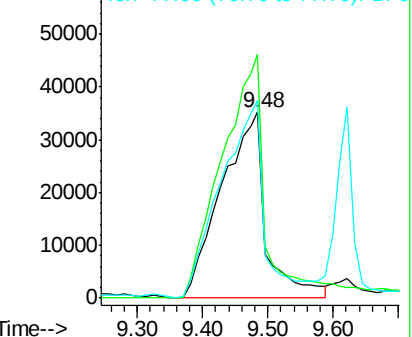
77 106.0 60.0 100.0#

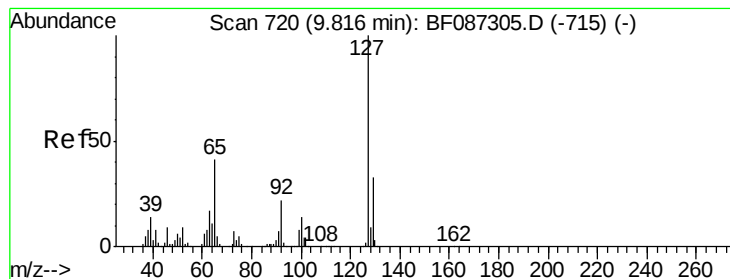


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.38 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

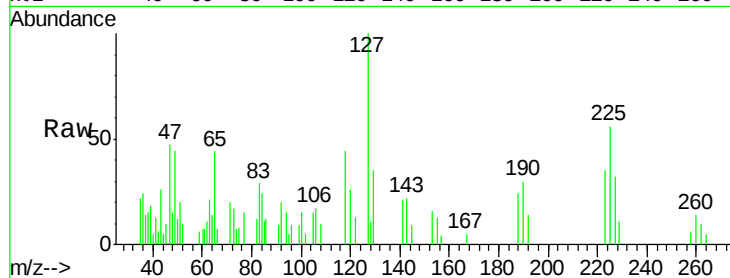
Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

Tgt Ion:	127	Resp:	28278
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.2	39.4
65	43.6	23.0	34.4
92	19.5	15.1	22.7

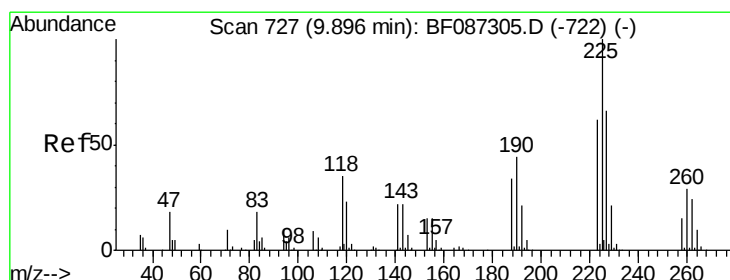
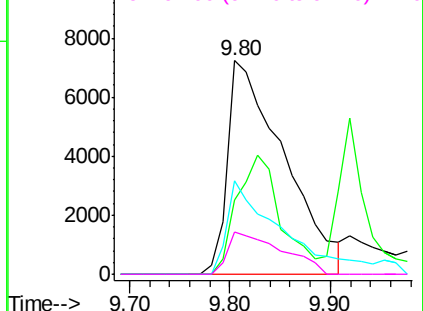
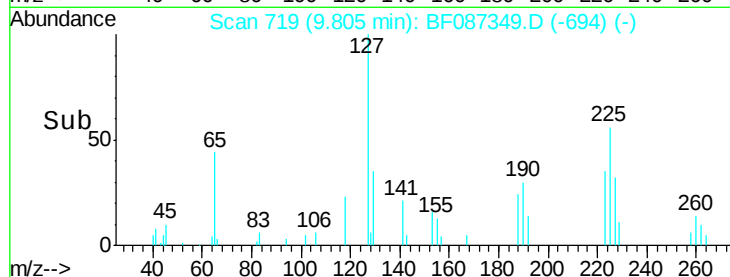


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 49.39 ng

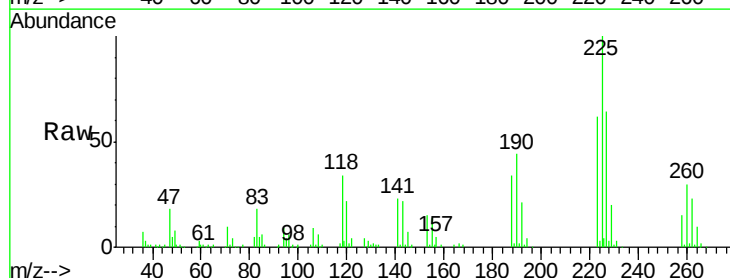
RT: 9.84 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

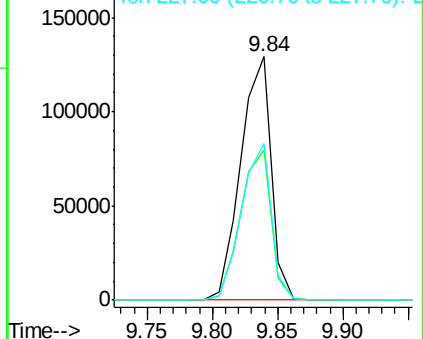
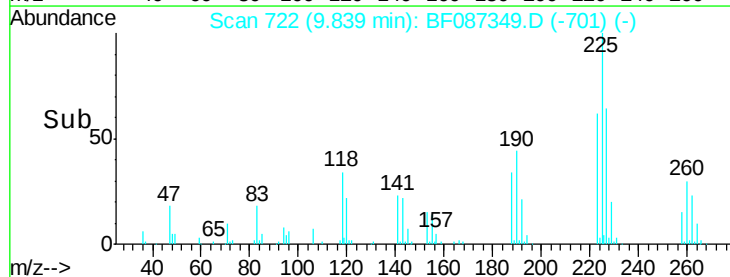
Tgt Ion:	225	Resp:	208766
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.5	77.3
227	64.1	52.2	78.2

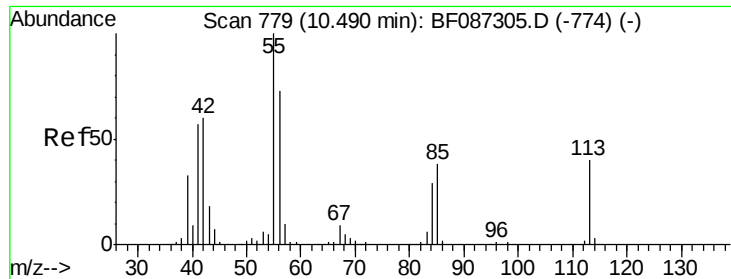


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

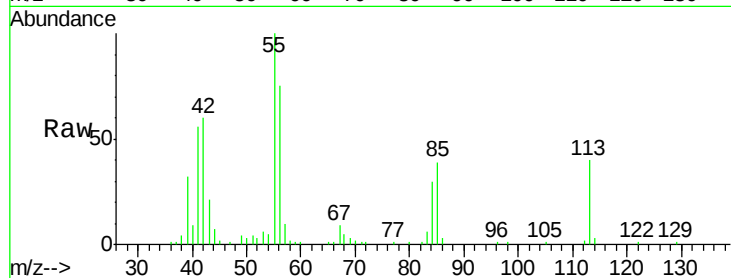




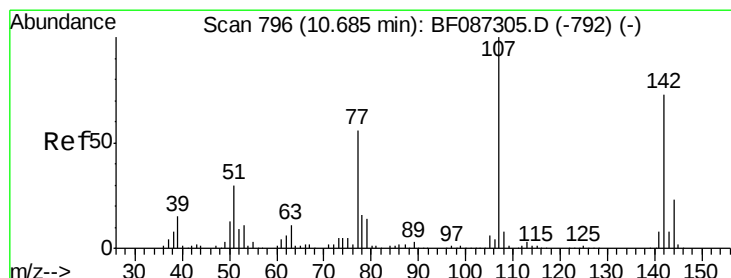
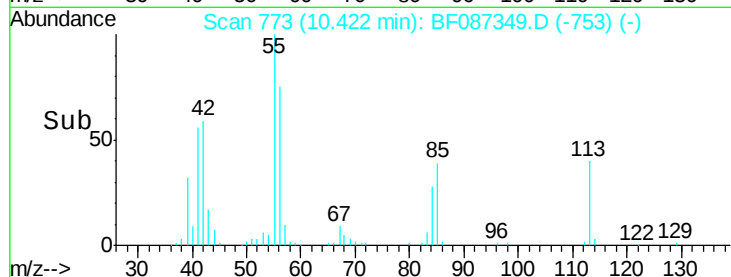
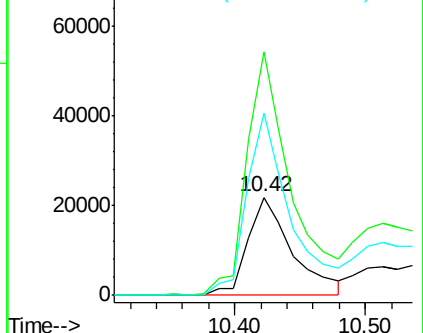
#35
 Caprolactam
 Concen: 29.30 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.07 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tgt Ion:113 Resp: 51940
 Ion Ratio Lower Upper
 113 100
 55 248.9 162.0 202.0#
 56 185.9 115.3 155.3#

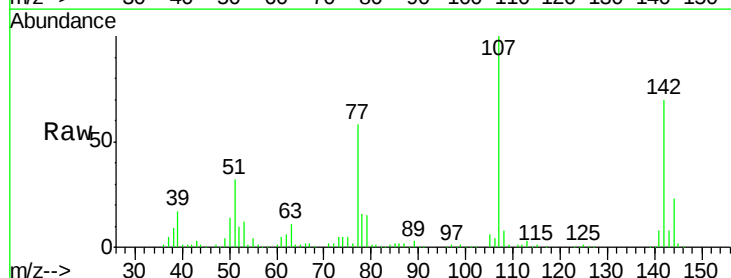


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

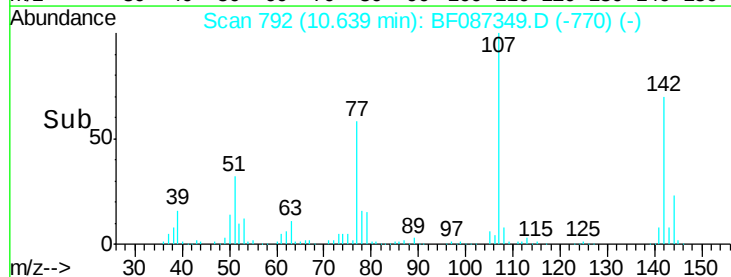
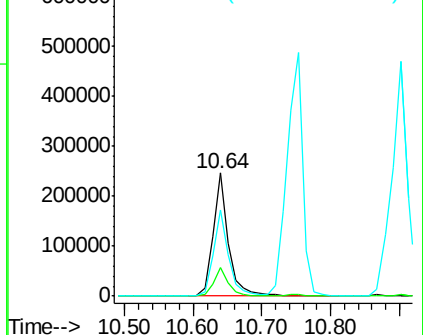


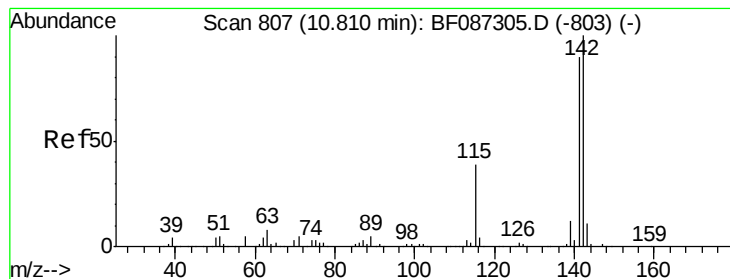
#36
 4-Chloro-3-methylphenol
 Concen: 55.79 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion:107 Resp: 383123
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.7 31.1
 142 70.2 63.2 94.8



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: 55.67 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

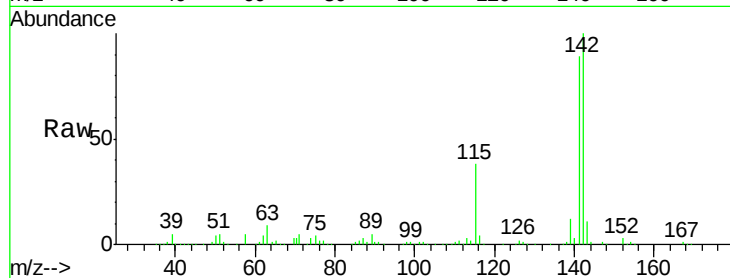
Tgt Ion:142 Resp: 790232

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

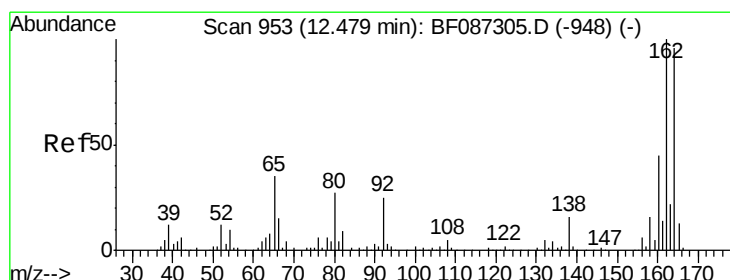
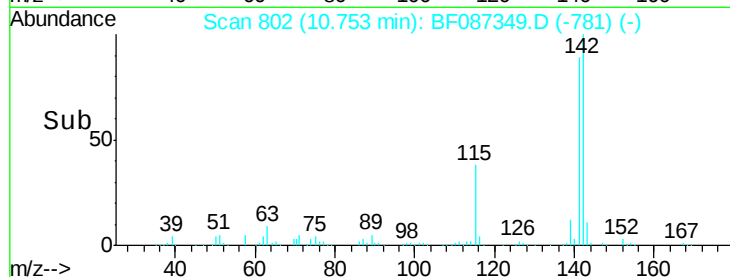
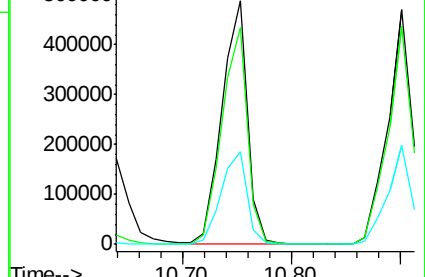
115 38.1 26.6 39.8



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: 12.42 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

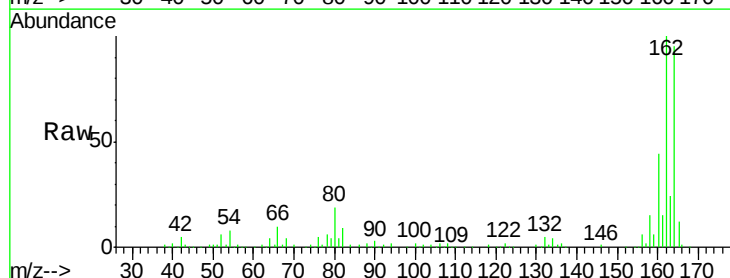
Tgt Ion:164 Resp: 222680

Ion Ratio Lower Upper

164 100

162 105.3 82.8 124.2

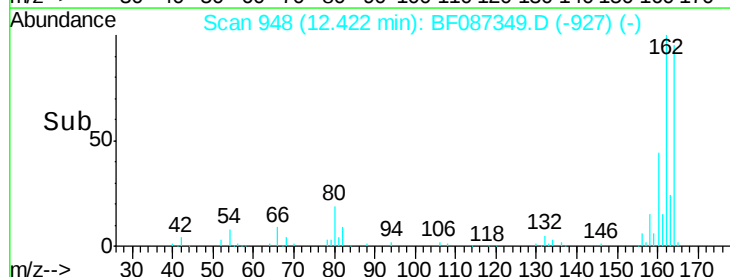
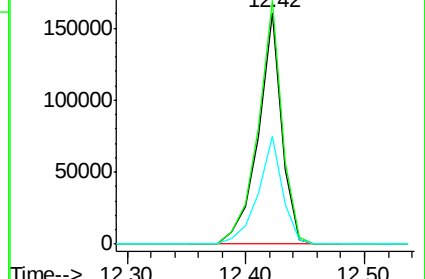
160 46.5 36.9 55.3

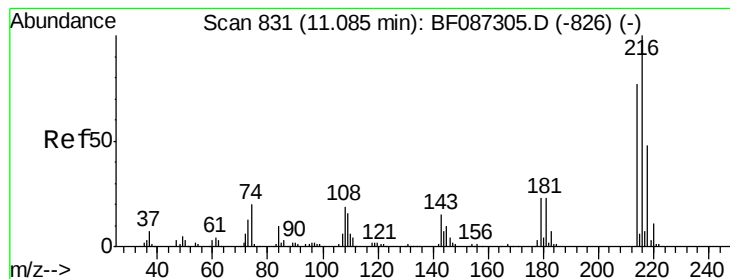


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.48 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

Tgt Ion:216 Resp: 338420

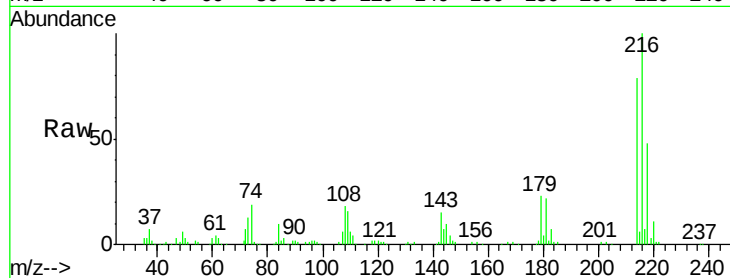
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 23.5 18.2 27.4

108 24.8 17.5 26.3

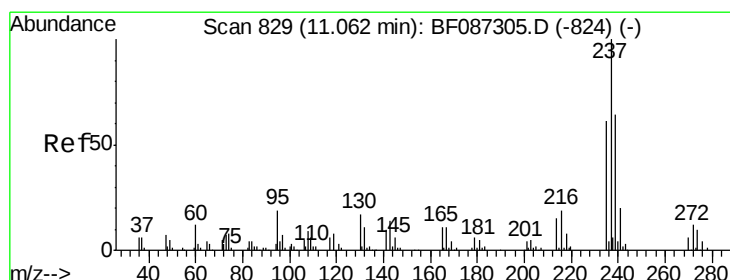
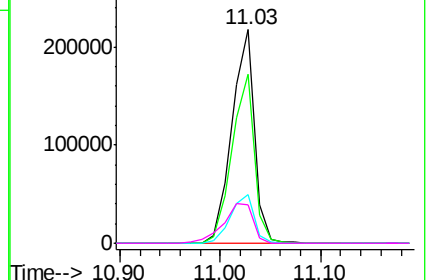
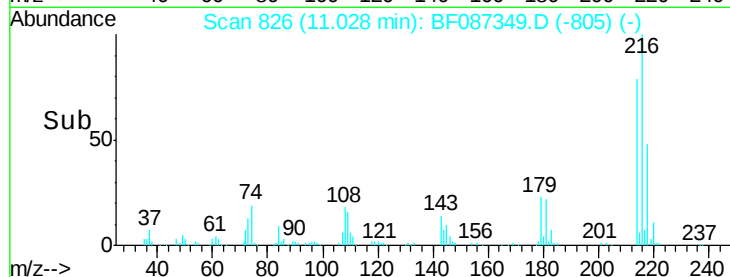


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.68 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

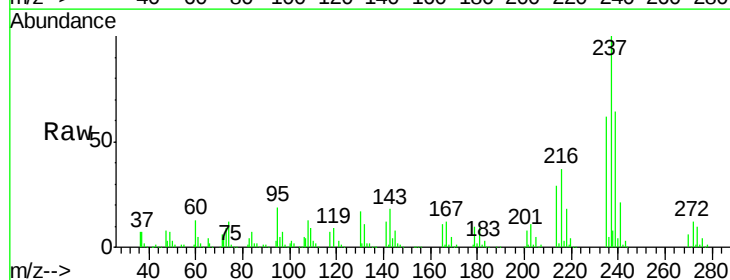
Tgt Ion:237 Resp: 283492

Ion Ratio Lower Upper

237 100

235 62.1 47.2 87.2

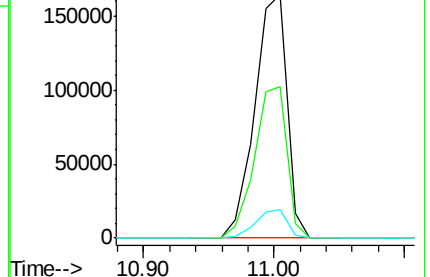
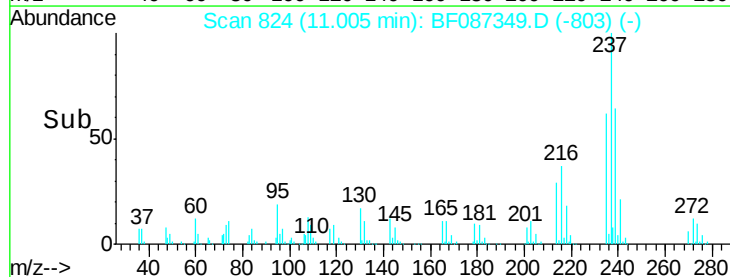
272 12.0 0.0 31.1

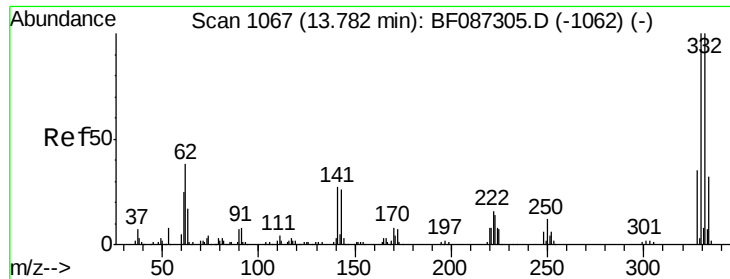


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

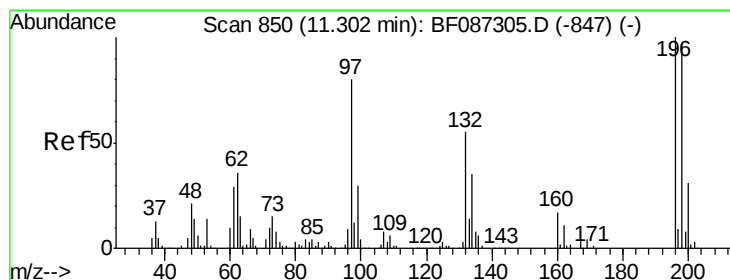
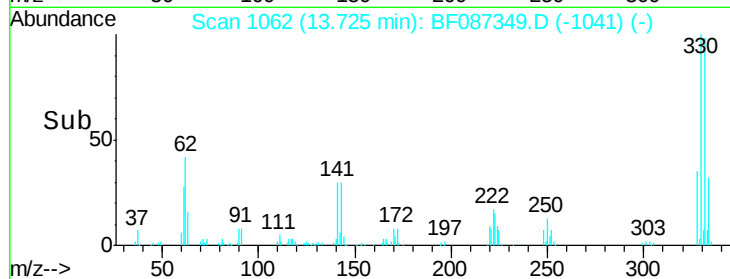
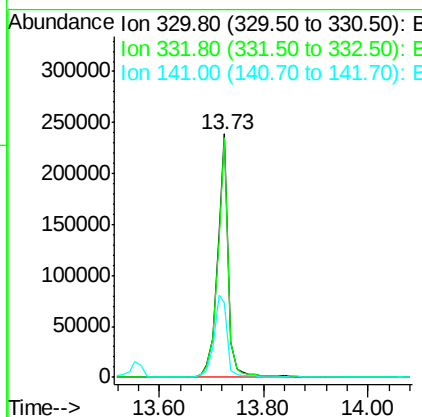
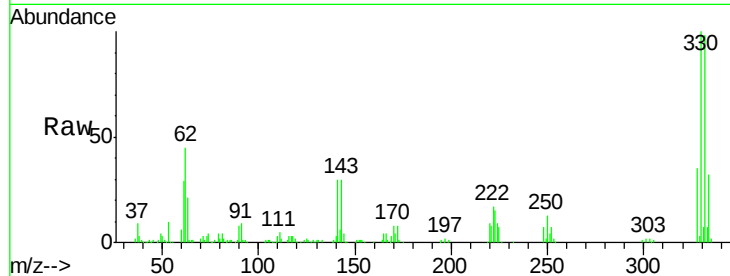




#41
 2,4,6-Tribromophenol
 Concen: 160.56 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

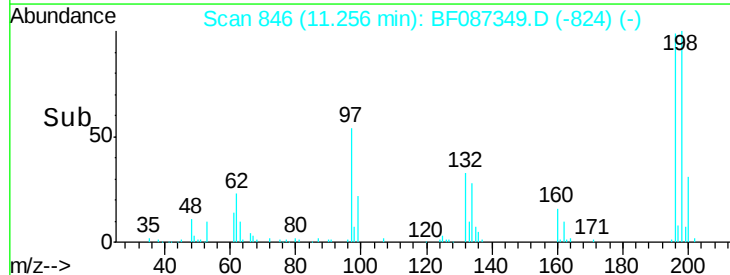
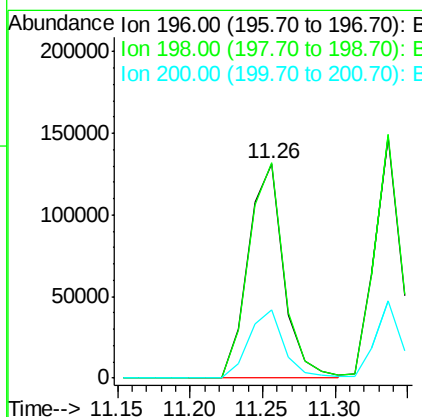
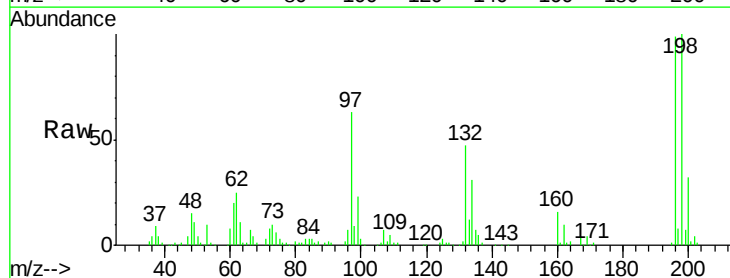
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

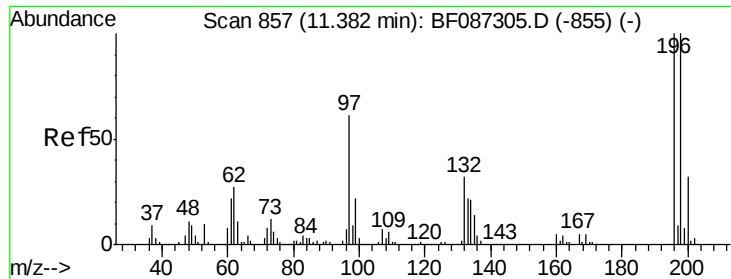
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	41.9	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 54.11 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	74.7	112.1
200	31.8	23.8	35.6

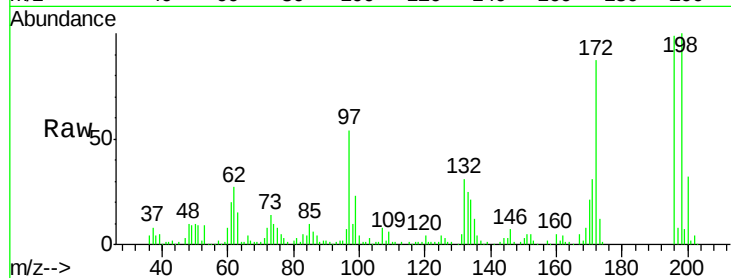




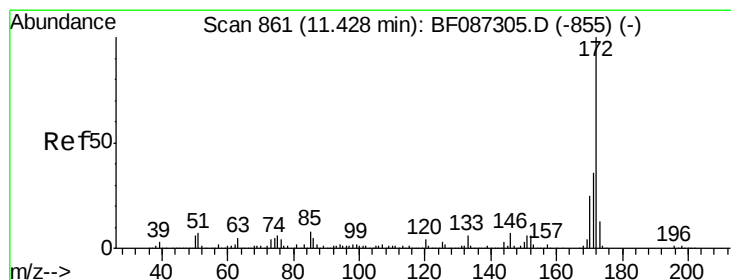
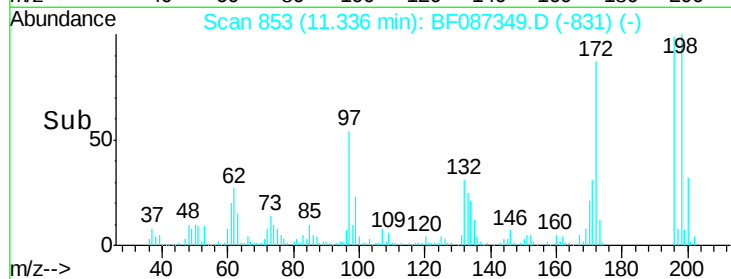
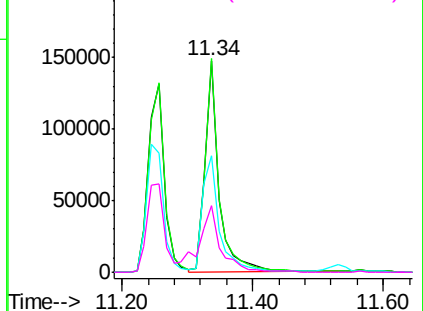
#43
 2,4,5-Trichlorophenol
 Concen: 52.68 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tgt Ion:196 Resp: 220719
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.5 116.3
 97 54.8 34.8 52.2#
 132 31.2 23.0 34.4

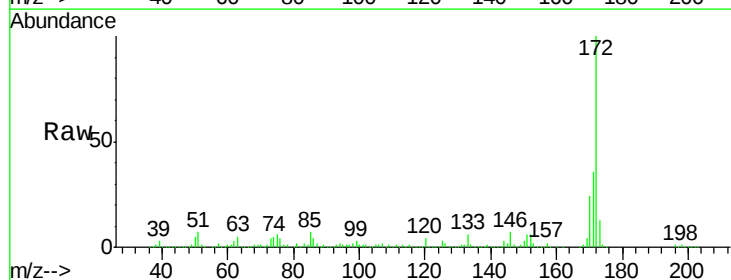


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

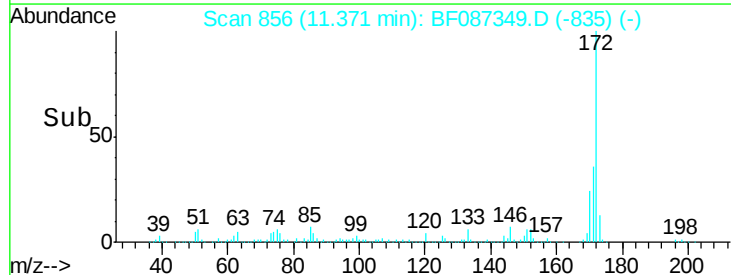
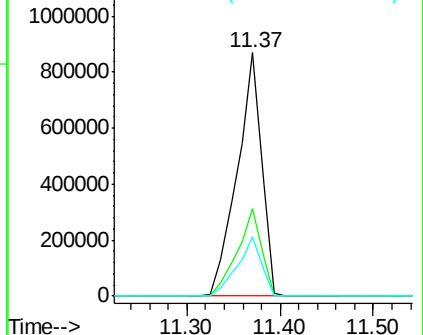


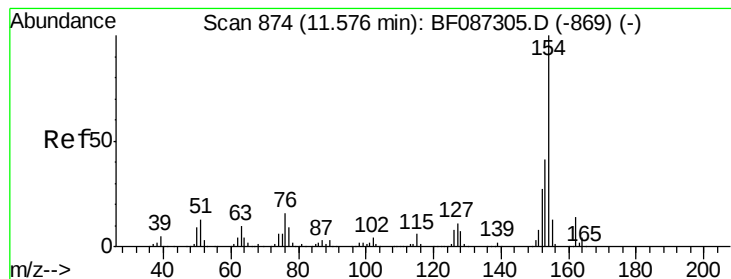
#44
 2-Fluorobiphenyl
 Concen: 100.14 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion:172 Resp: 1581809
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.8 29.8



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: 51.12 ng

RT: 11.52 min Scan# 869

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

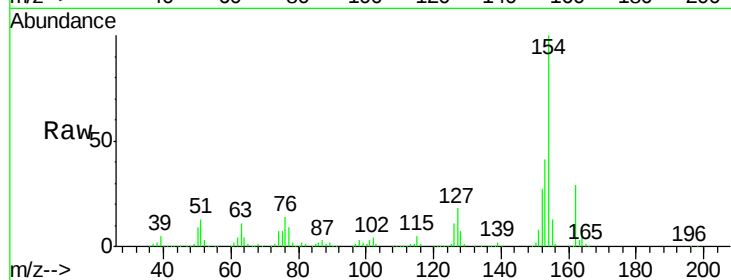
Tgt Ion:154 Resp: 958504

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

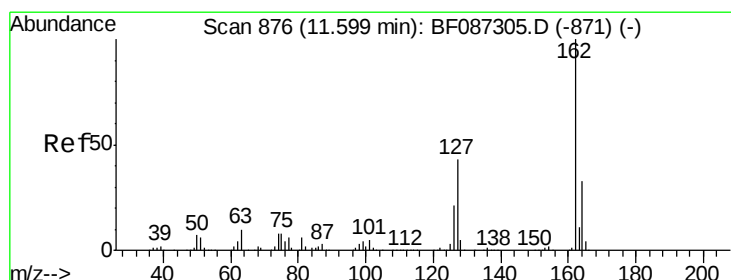
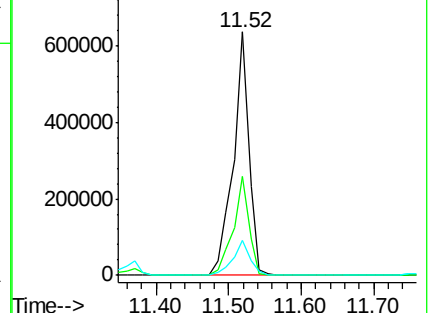
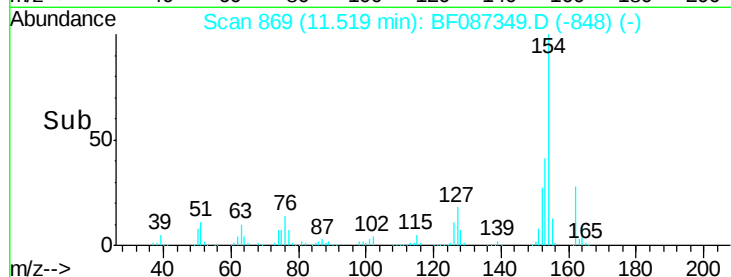
76 14.3 0.0 30.2



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: 49.84 ng

RT: 11.53 min Scan# 870

Delta R.T. -0.07 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

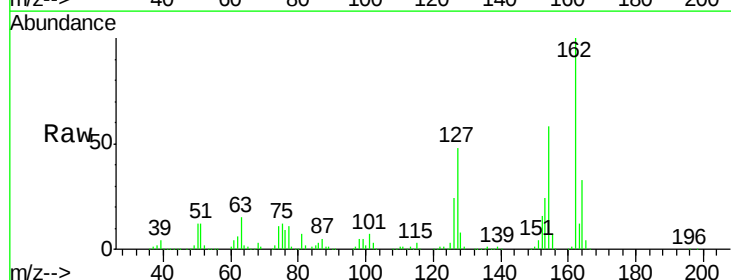
Tgt Ion:162 Resp: 714912

Ion Ratio Lower Upper

162 100

127 48.5 31.8 47.6#

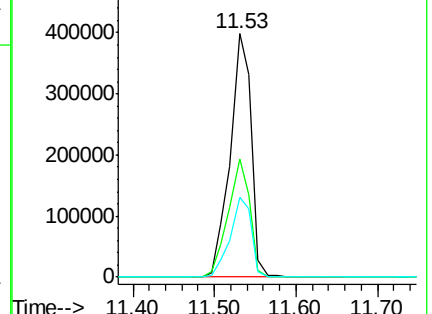
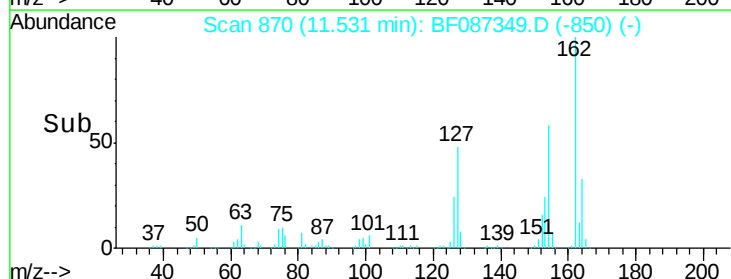
164 32.6 27.0 40.6

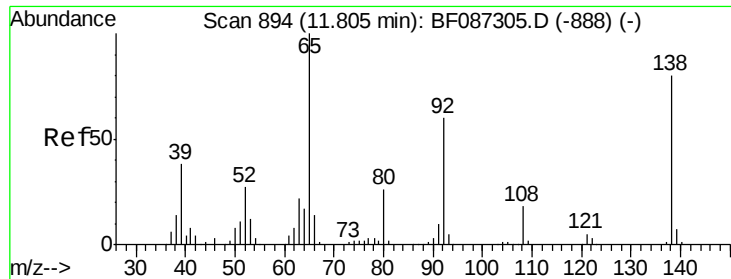


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

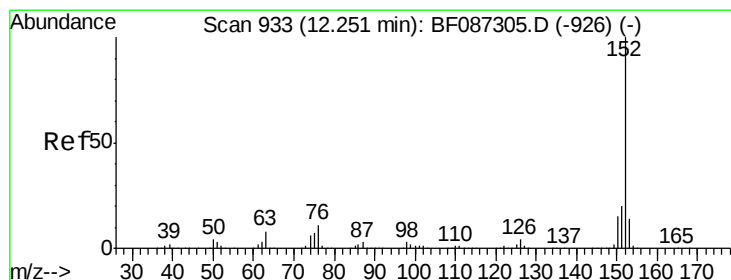
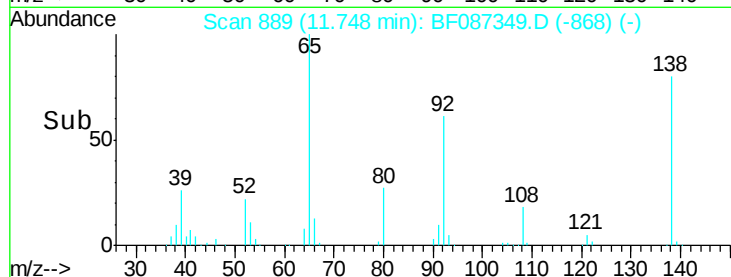
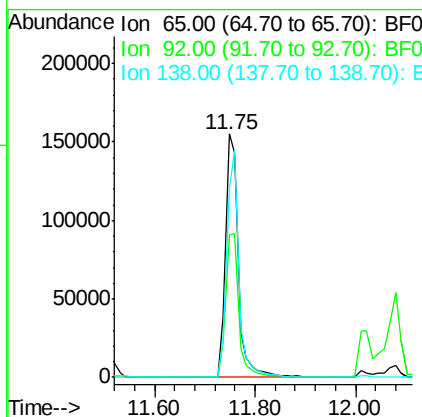
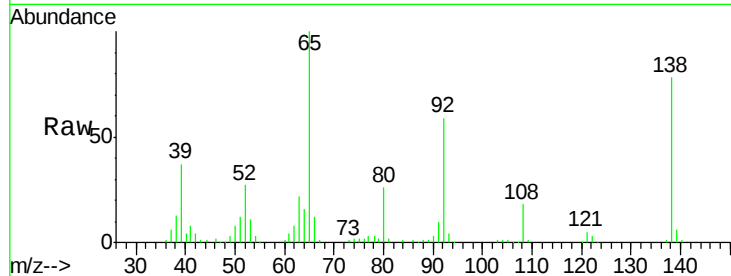




#47
 2-Nitroaniline
 Concen: 53.75 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

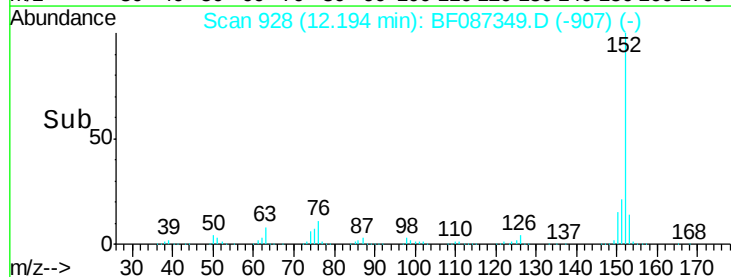
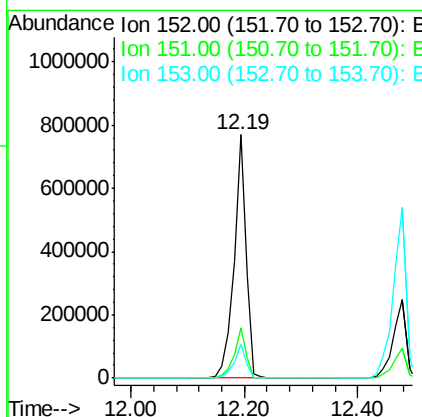
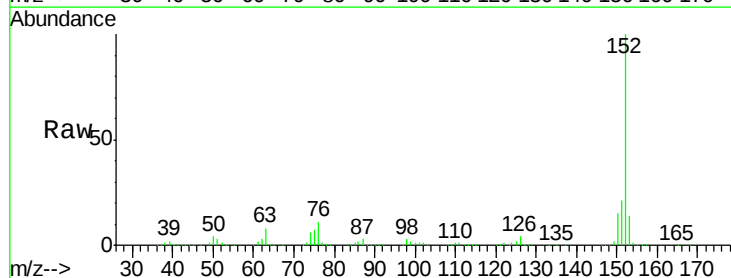
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

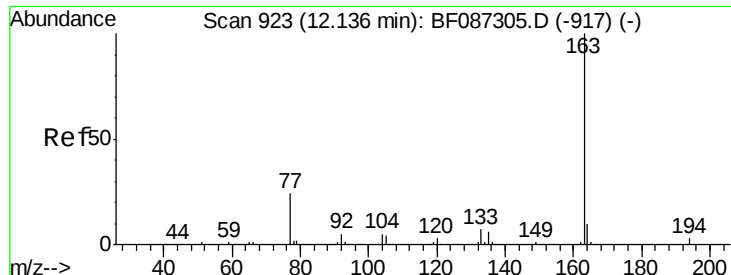
Tgt Ion: 65 Resp: 277747
 Ion Ratio Lower Upper
 65 100
 92 58.8 57.4 86.2
 138 77.6 90.1 135.1#



#48
 Acenaphthylene
 Concen: 50.74 ng
 RT: 12.19 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion: 152 Resp: 1152289
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 14.0 10.9 16.3





#49

Dimethylphthalate

Concen: 51.47 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

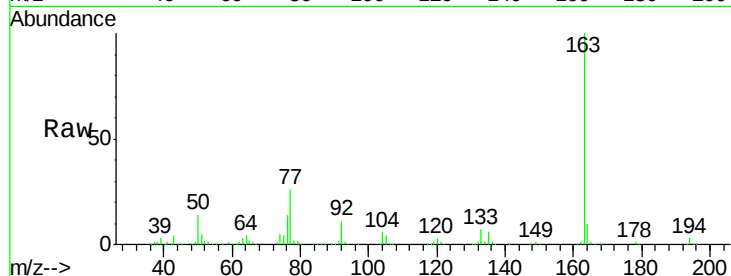
Tgt Ion:163 Resp: 918198

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

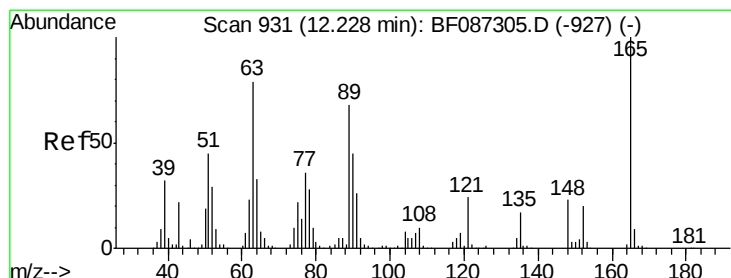
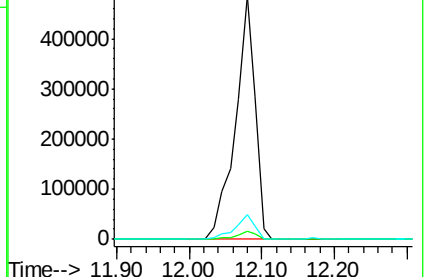
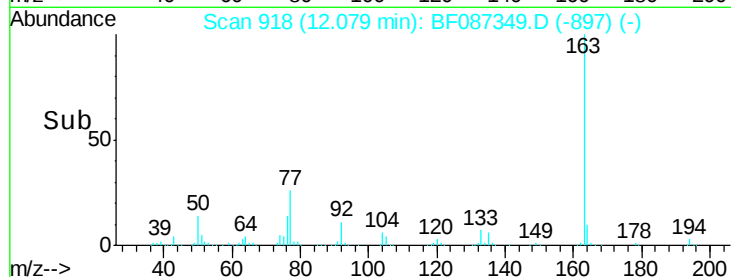
164 10.4 8.2 12.4



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: 53.95 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

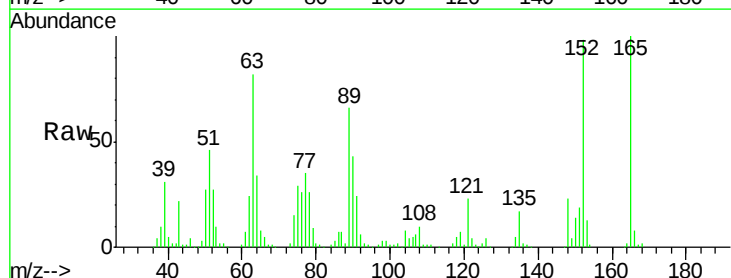
Tgt Ion:165 Resp: 193932

Ion Ratio Lower Upper

165 100

63 82.5 51.8 77.8#

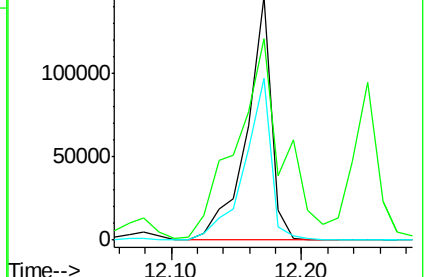
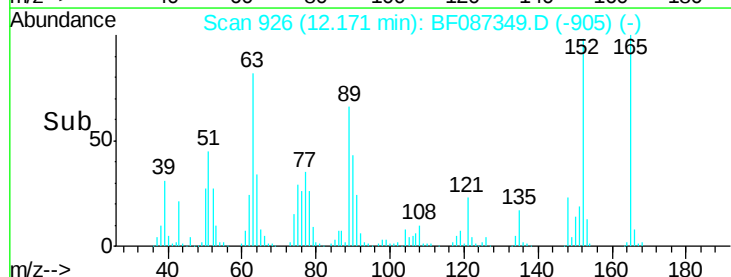
89 66.2 50.7 76.1

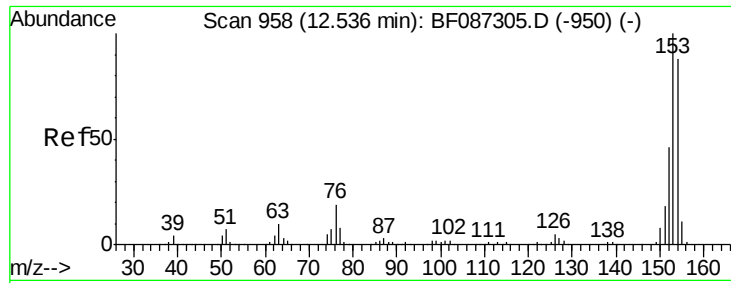


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.70 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

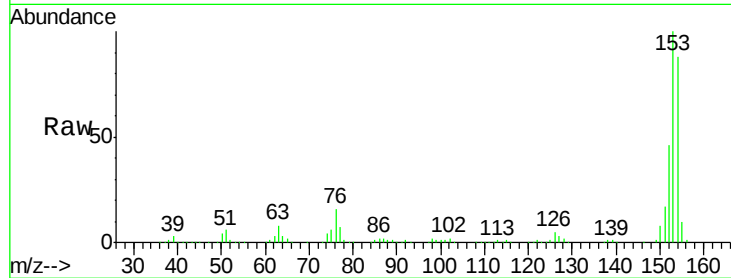
Tgt Ion:154 Resp: 721636

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

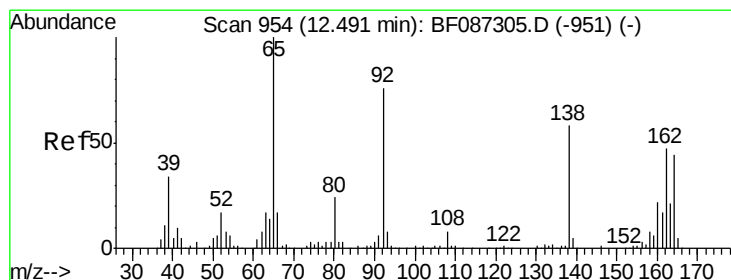
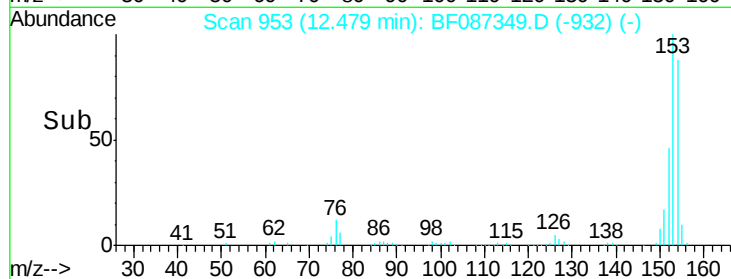
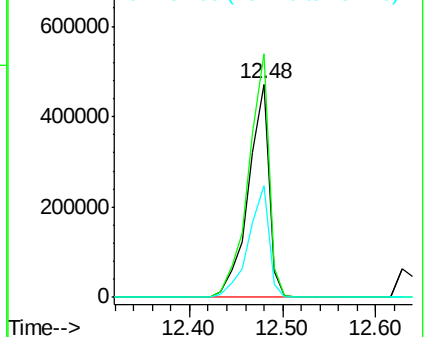
152 52.6 43.4 65.0



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: 8.86 ng

RT: 12.44 min Scan# 950

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

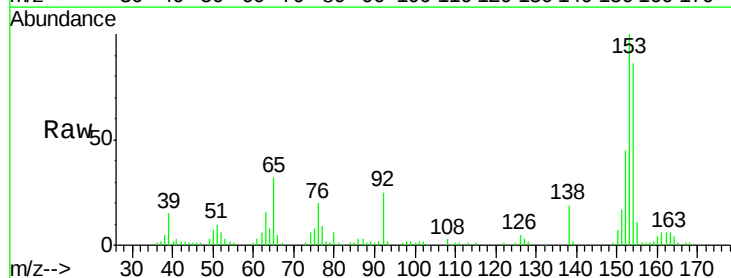
Tgt Ion:138 Resp: 32691

Ion Ratio Lower Upper

138 100

108 13.3 7.8 11.6#

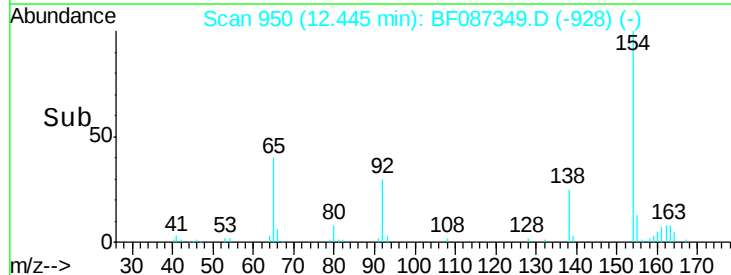
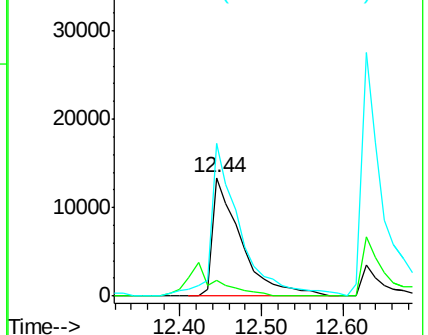
92 128.6 87.8 131.8

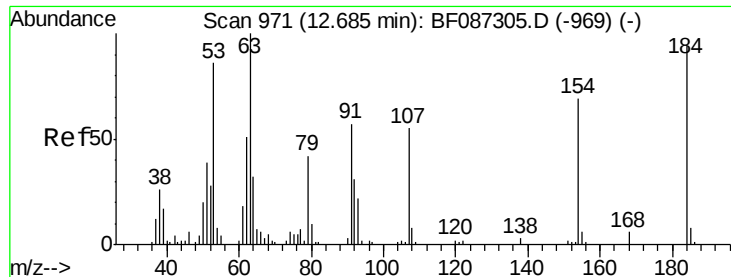


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

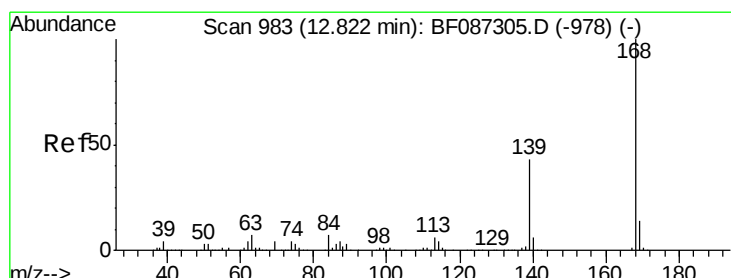
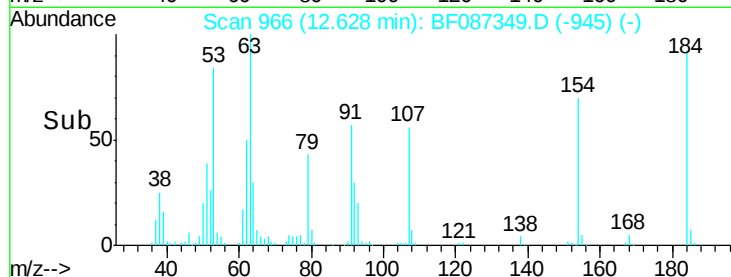
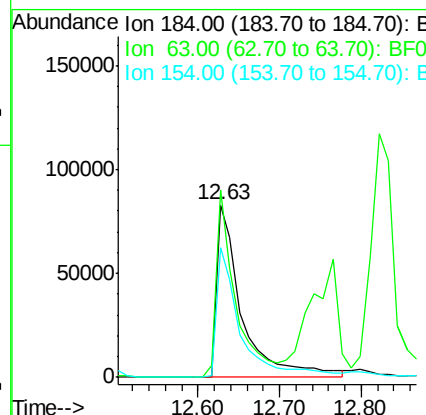
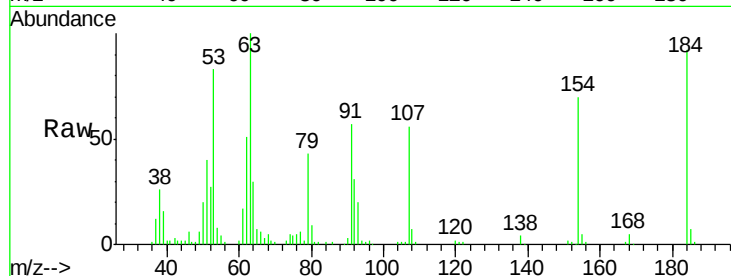




#53
2,4-Dinitrophenol
Concen: 95.22 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

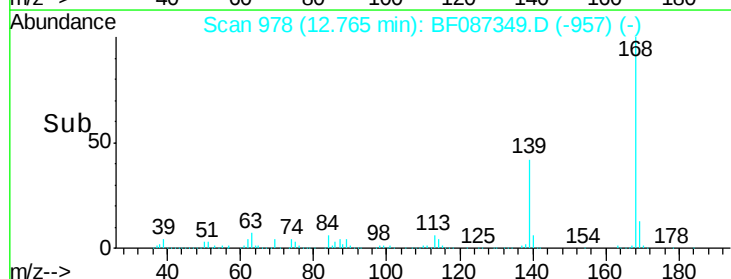
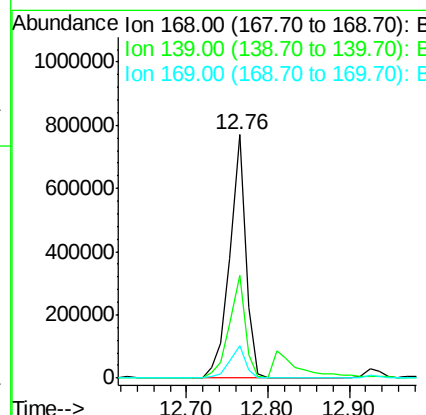
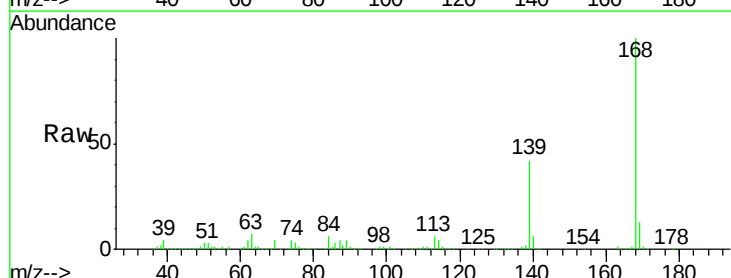
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

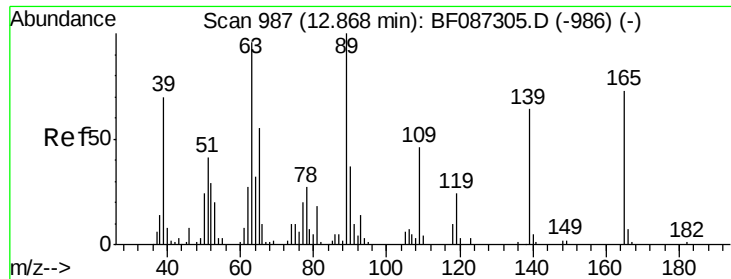
Tgt Ion:184 Resp: 177663
Ion Ratio Lower Upper
184 100
63 108.6 55.8 83.8#
154 75.6 62.4 93.6



#54
Dibenzofuran
Concen: 55.59 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:168 Resp: 1050435
Ion Ratio Lower Upper
168 100
139 42.1 31.4 47.0
169 13.4 10.7 16.1

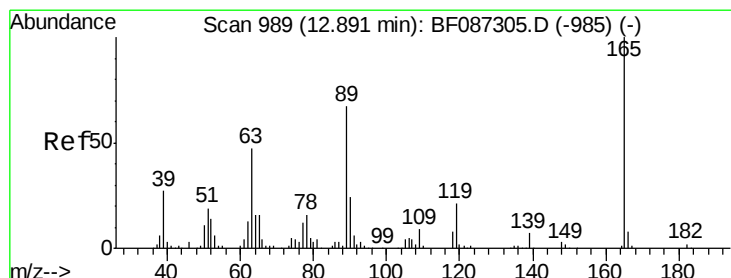
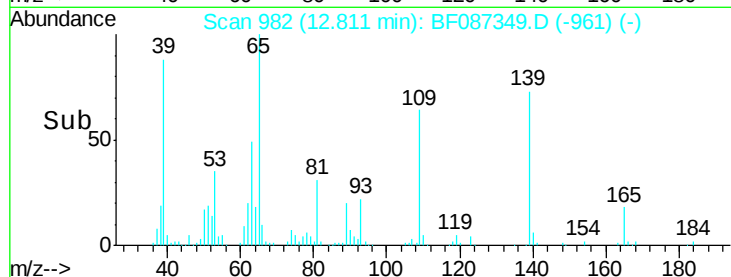
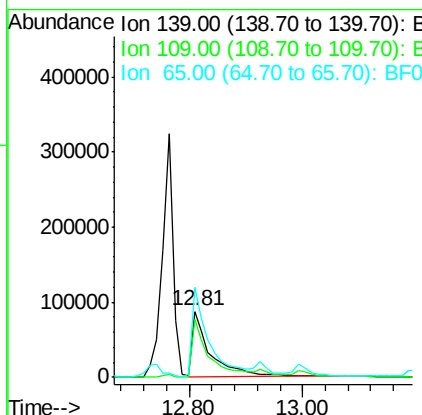
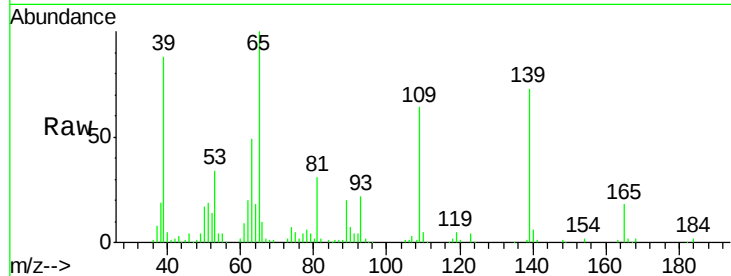




#55
4-Nitrophenol
Concen: 112.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

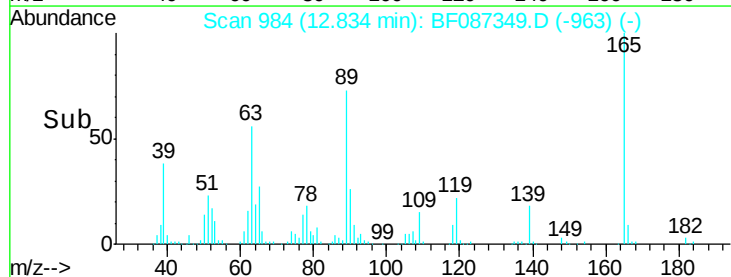
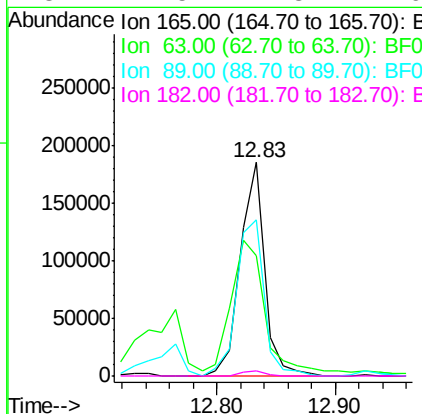
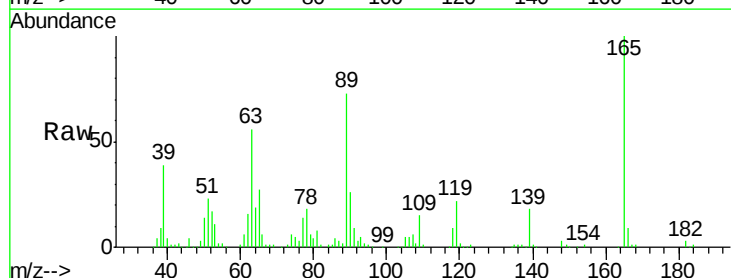
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

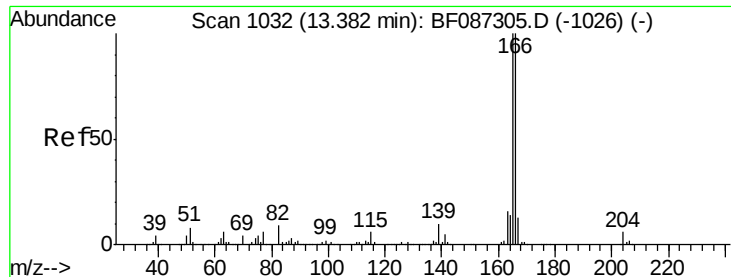
Tgt Ion:139 Resp: 197645
Ion Ratio Lower Upper
139 100
109 87.6 36.9 76.9#
65 137.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 55.66 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:165 Resp: 267376
Ion Ratio Lower Upper
165 100
63 56.5 44.3 66.5
89 73.0 70.0 105.0
182 2.5 1.8 2.6





#57

Fluorene

Concen: 52.10 ng

RT: 13.31 min Scan# 1026

Delta R.T. -0.07 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

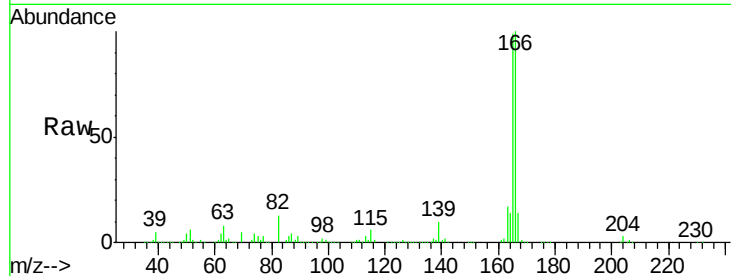
Tgt Ion:166 Resp: 853765

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

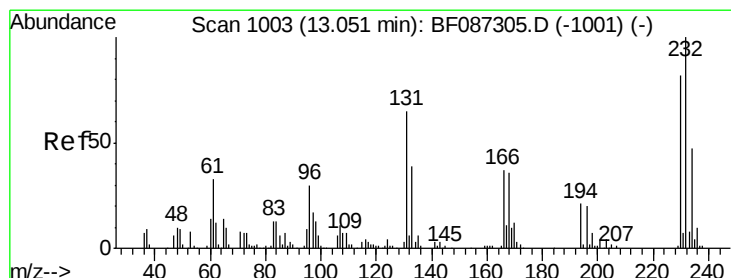
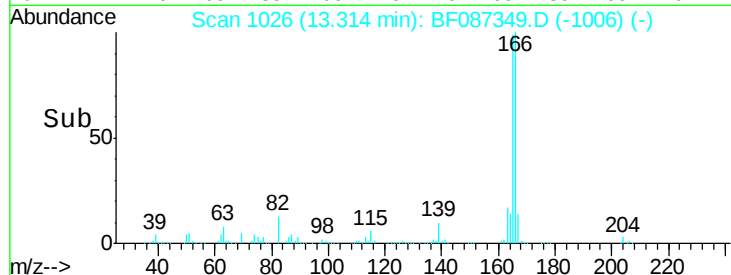
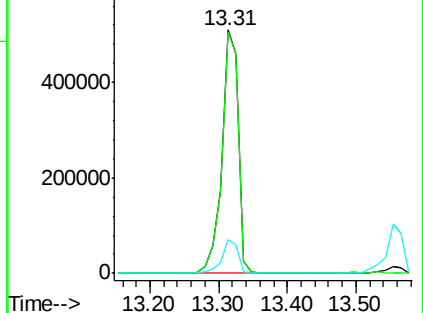
167 13.7 10.6 15.8



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: 63.83 ng

RT: 13.01 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Tgt Ion:232 Resp: 205722

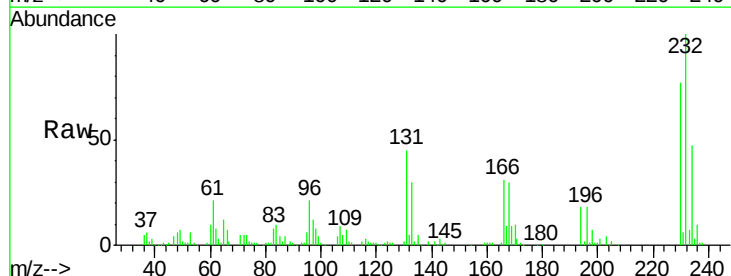
Ion Ratio Lower Upper

232 100

131 53.9 41.9 62.9

130 2.8 2.2 3.4

166 32.8 26.8 40.2

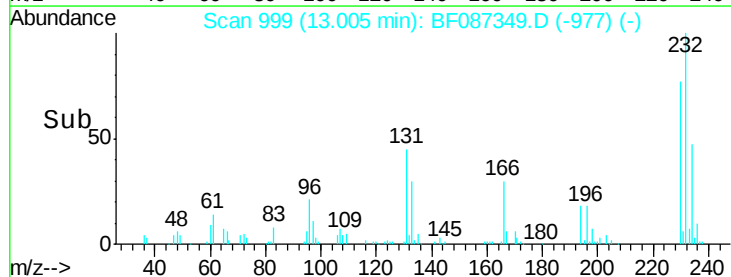
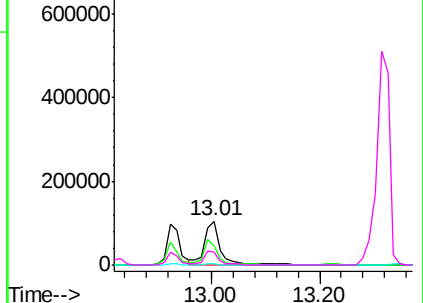


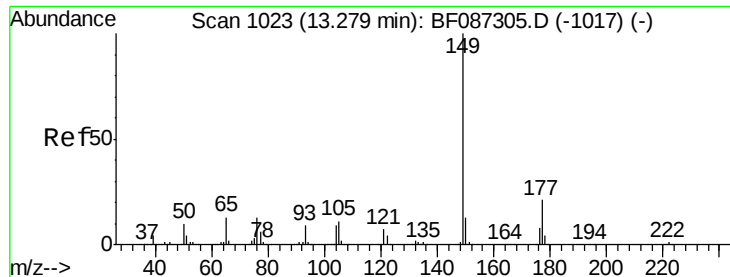
Abundance Ion 232.00 (231.70 to 232.70): E

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

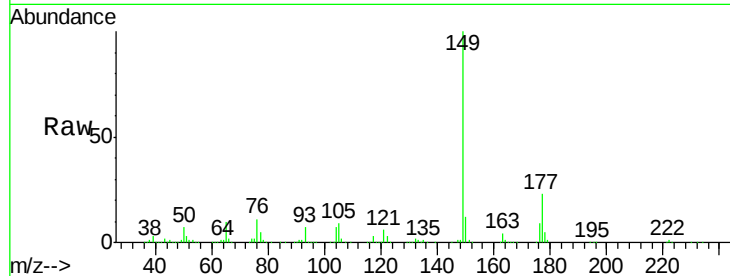




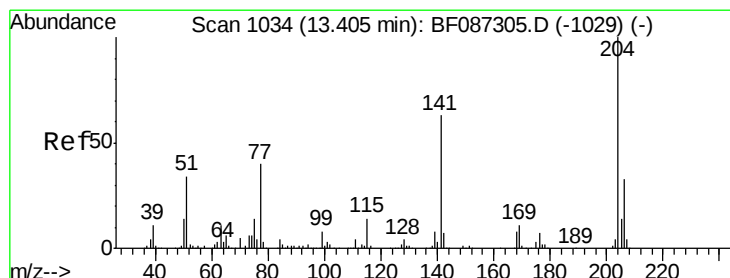
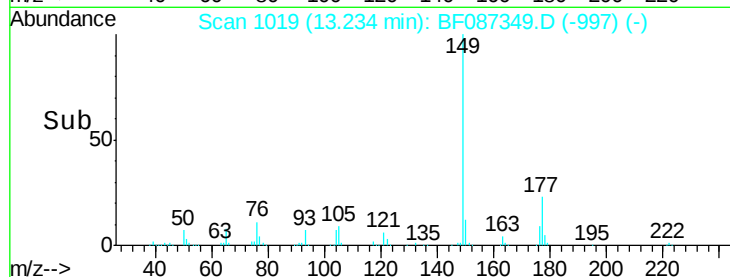
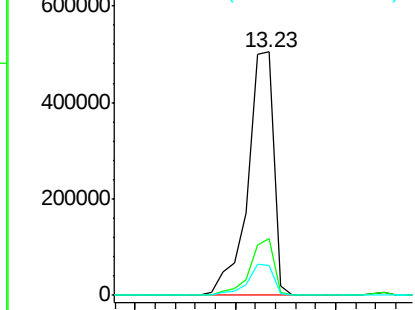
#59
Diethylphthalate
Concen: 52.23 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tgt Ion:149 Resp: 905778
Ion Ratio Lower Upper
149 100
177 23.1 16.6 24.8
150 12.2 10.0 15.0

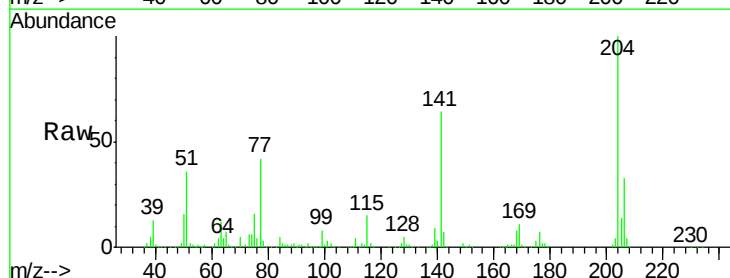


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

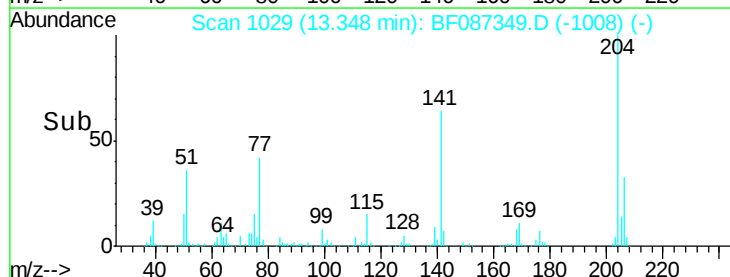
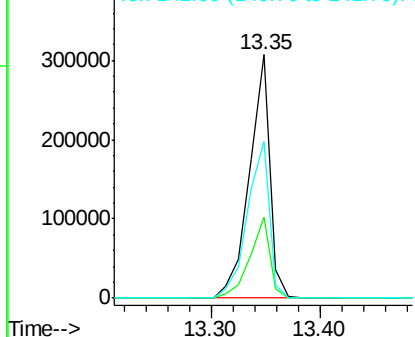


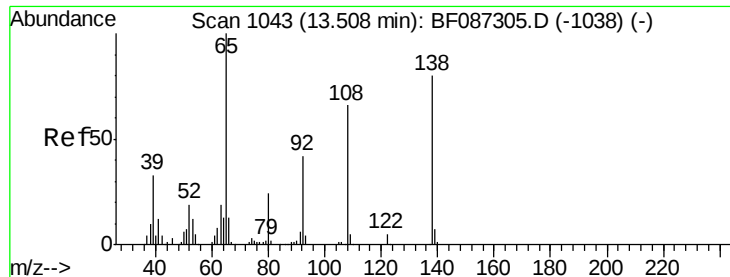
#60
4-Chlorophenyl-phenylether
Concen: 50.19 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:204 Resp: 401095
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 64.5 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

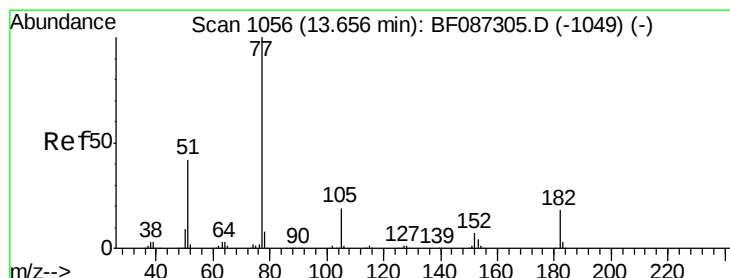
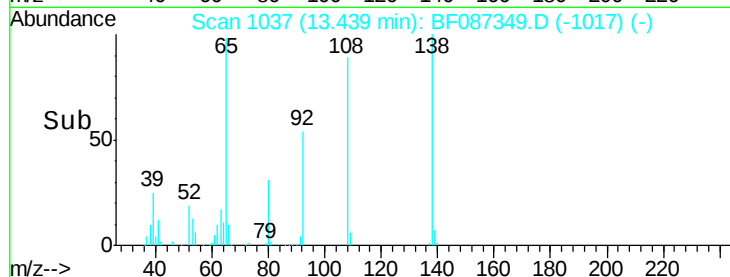
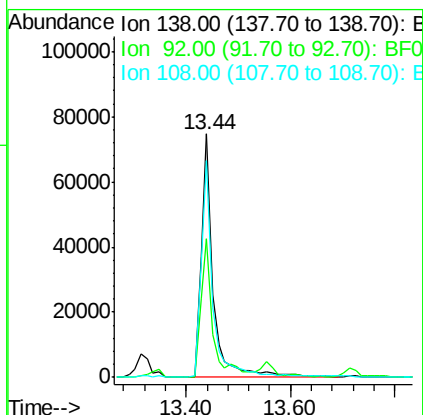
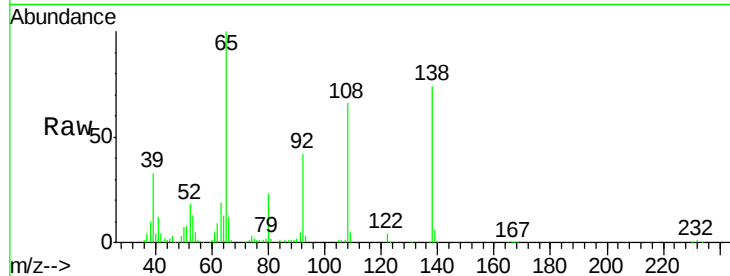




#61
4-Nitroaniline
Concen: 34.67 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

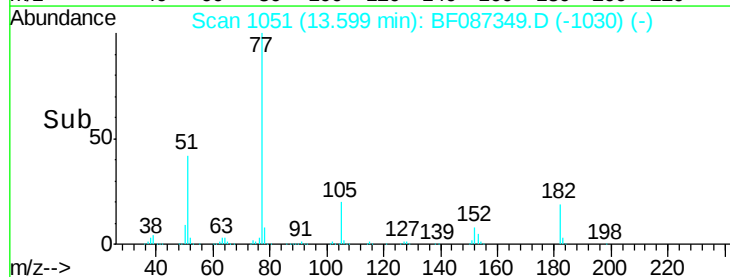
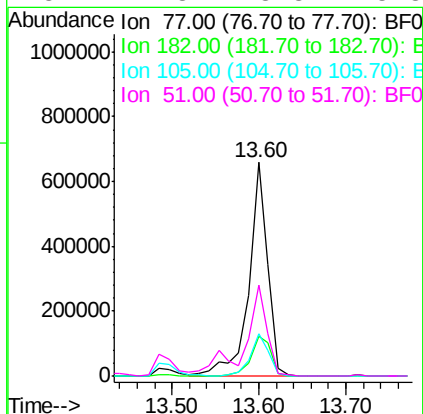
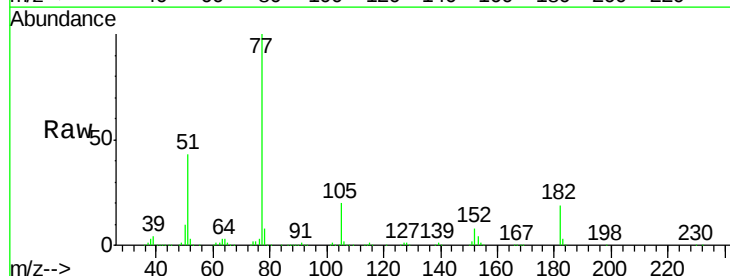
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

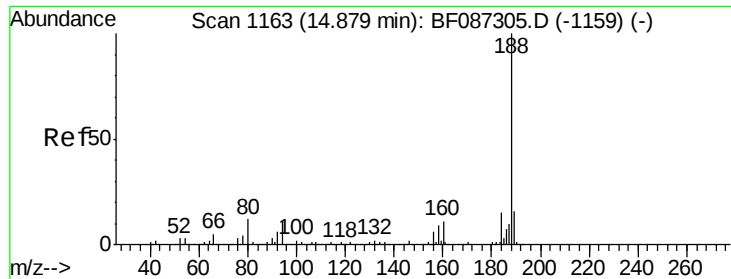
Tgt Ion:138 Resp: 119353
Ion Ratio Lower Upper
138 100
92 56.9 24.7 64.7
108 89.2 37.4 77.4#



#62
Azobenzene
Concen: 55.36 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion: 77 Resp: 996036
Ion Ratio Lower Upper
77 100
182 18.9 0.0 38.8
105 19.6 3.2 43.2
51 42.8 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

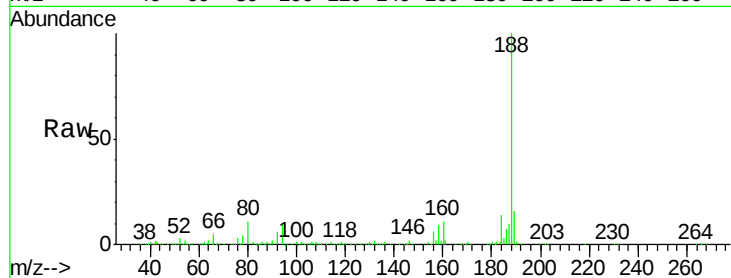
Tgt Ion:188 Resp: 434718

Ion Ratio Lower Upper

188 100

94 9.9 6.8 10.2

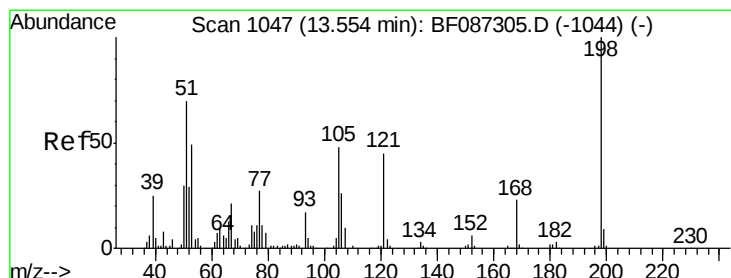
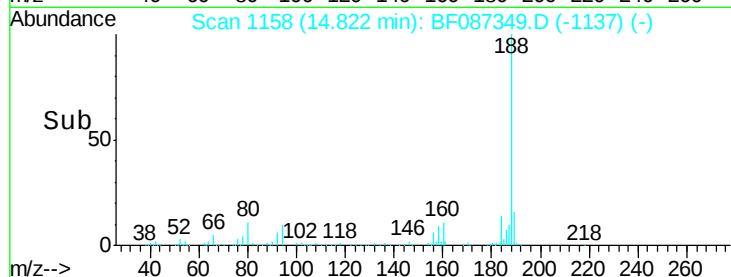
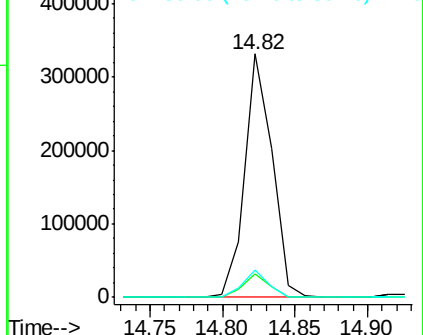
80 11.0 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.72 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

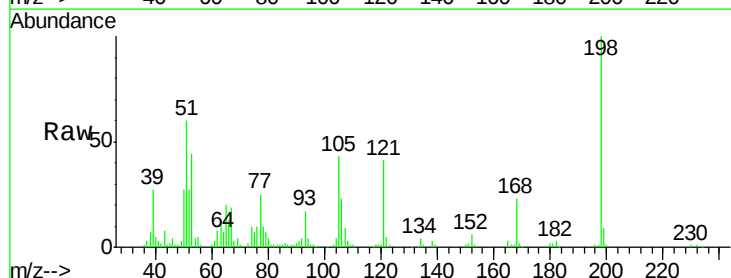
Tgt Ion:198 Resp: 134661

Ion Ratio Lower Upper

198 100

51 60.0 20.5 60.5

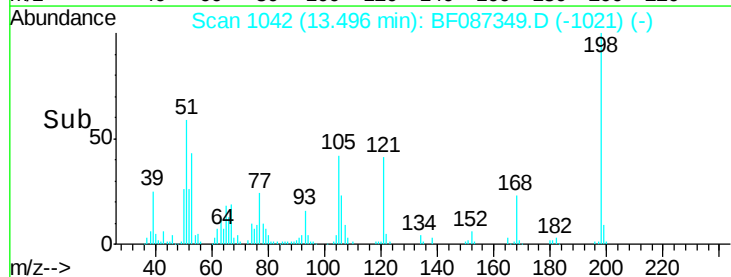
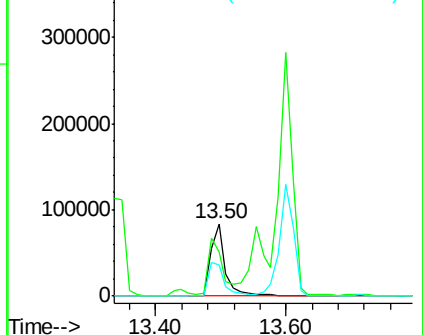
105 42.8 24.5 64.5

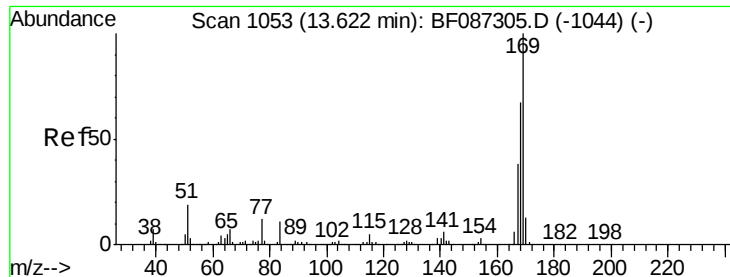


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

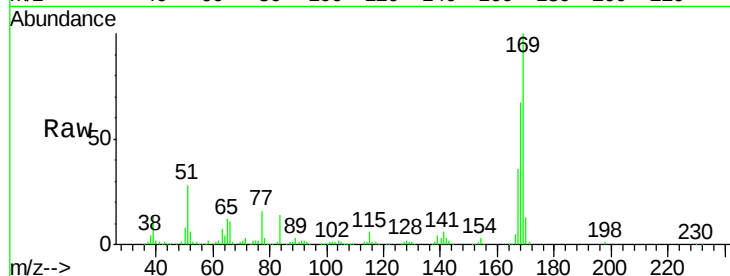




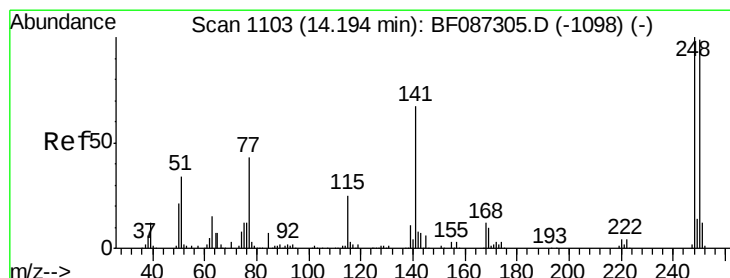
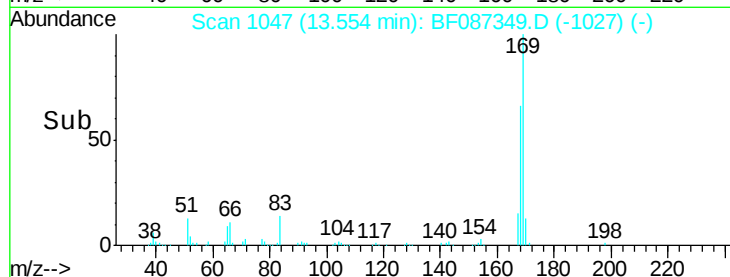
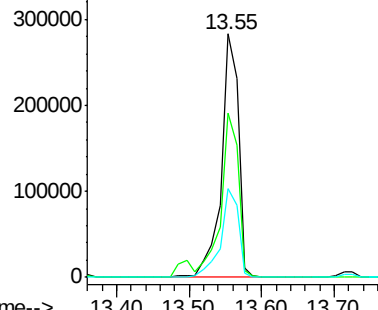
#65
n-Nitrosodiphenylamine
Concen: 33.11 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tgt Ion:169 Resp: 465503
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.2 29.5 44.3

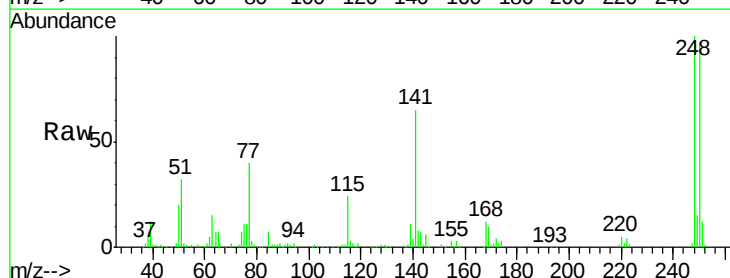


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

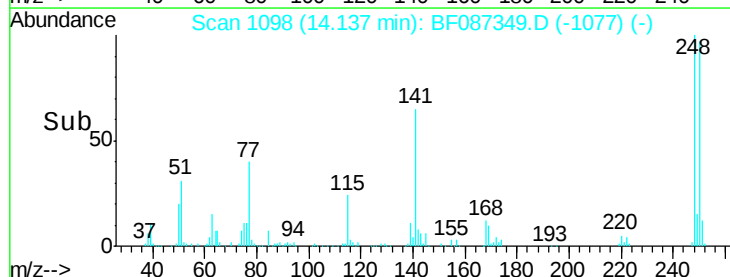
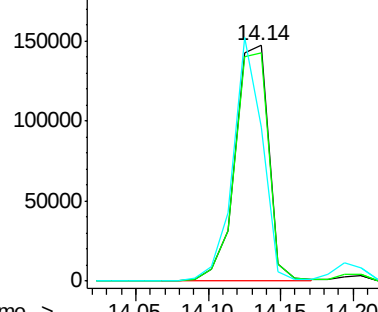


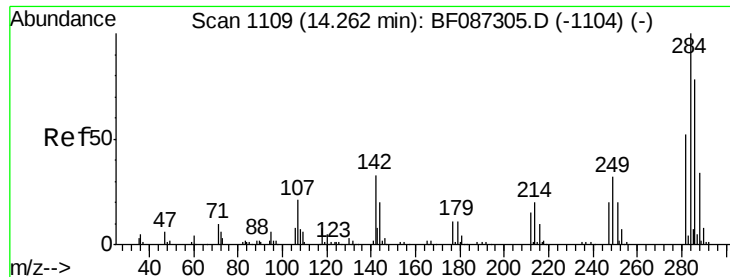
#66
4-Bromophenyl-phenylether
Concen: 49.34 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:248 Resp: 234627
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 65.3 76.0 114.0#



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

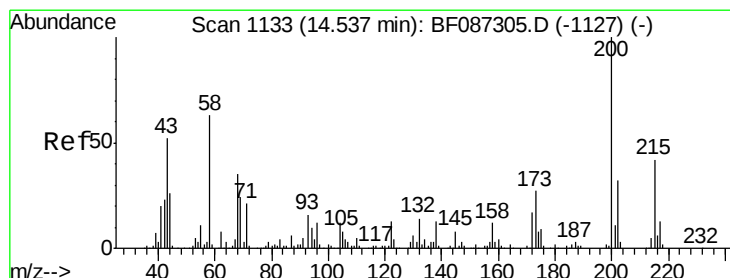
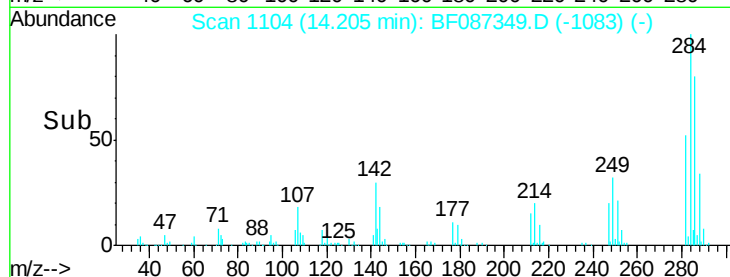
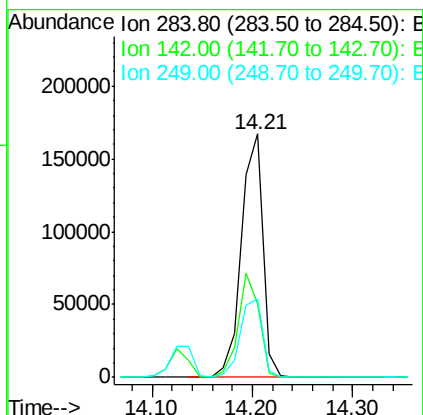
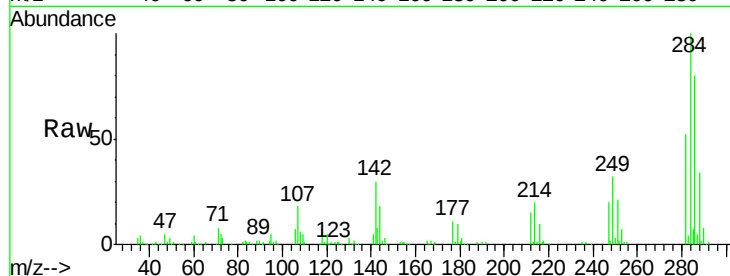




#67
Hexachlorobenzene
Concen: 50.01 ng
RT: 14.21 min Scan# 1104
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

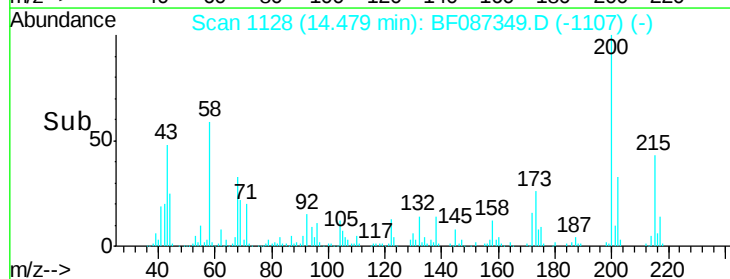
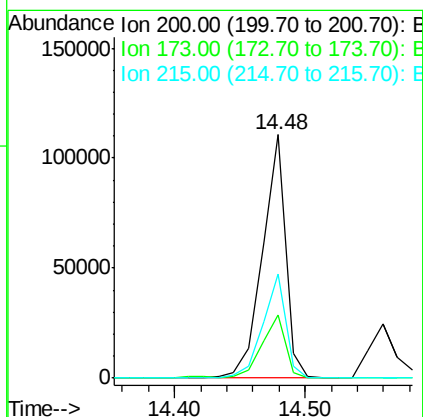
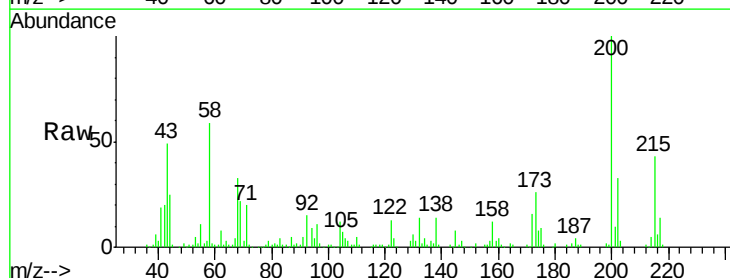
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

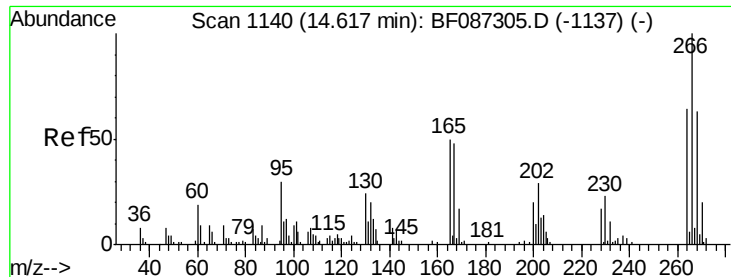
Tgt Ion:284 Resp: 248759
Ion Ratio Lower Upper
284 100
142 30.1 16.7 25.1#
249 32.0 21.3 31.9#



#68
Atrazine
Concen: 31.03 ng
RT: 14.48 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:200 Resp: 139067
Ion Ratio Lower Upper
200 100
173 25.9 8.5 48.5
215 42.6 27.2 67.2





#69

Pentachlorophenol

Concen: 130.30 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

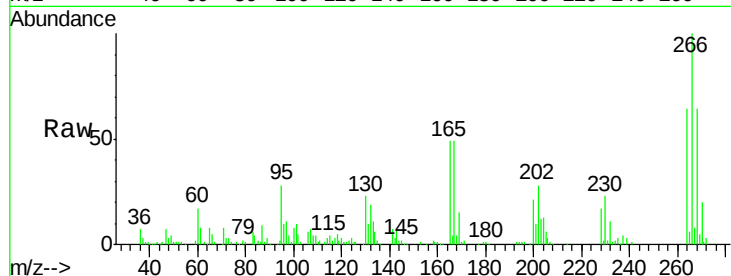
Tgt Ion:266 Resp: 207933

Ion Ratio Lower Upper

266 100

268 64.2 51.5 77.3

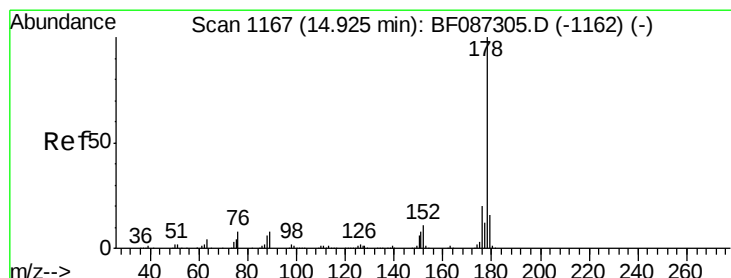
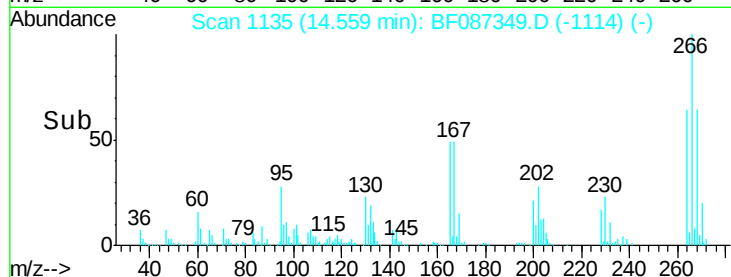
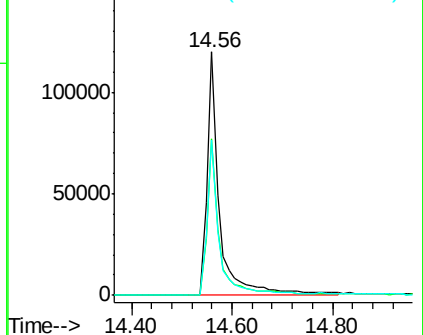
264 63.6 52.9 79.3



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: 51.79 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

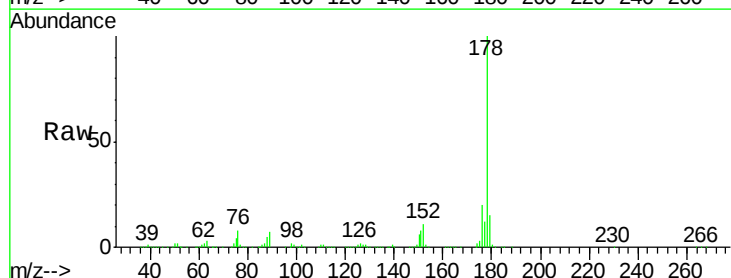
Tgt Ion:178 Resp: 1247108

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

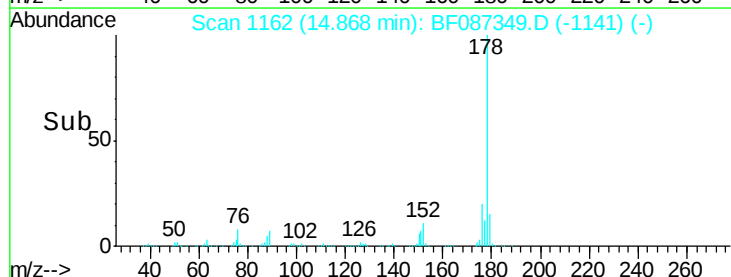
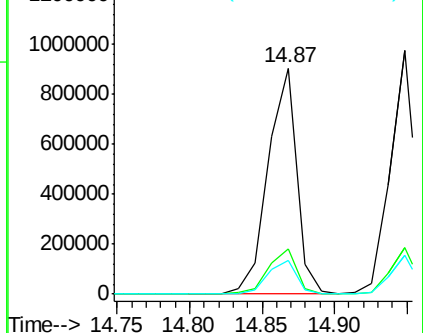
179 15.1 12.6 18.8

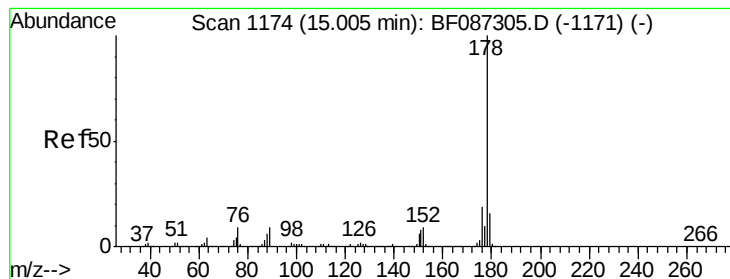


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.48 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

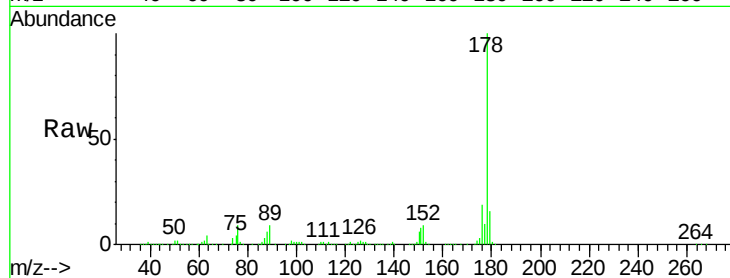
Tgt Ion:178 Resp: 1252332

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

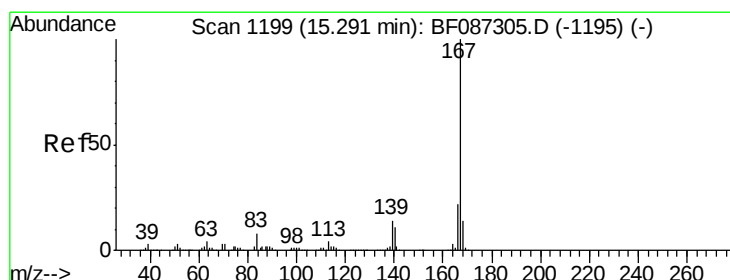
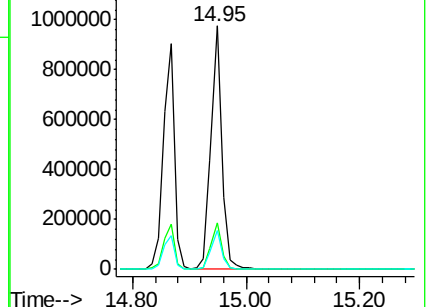
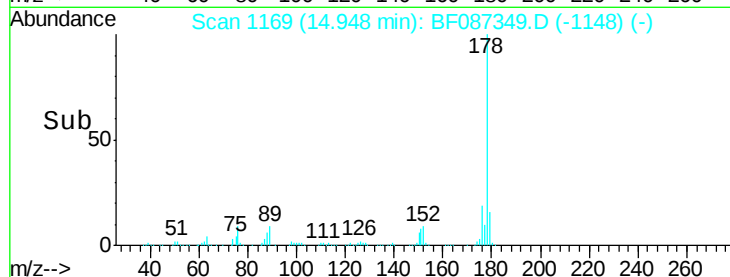
179 15.7 12.7 19.1



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: 37.82 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

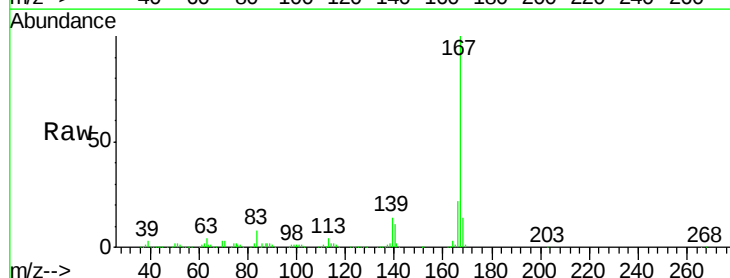
Tgt Ion:167 Resp: 784733

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

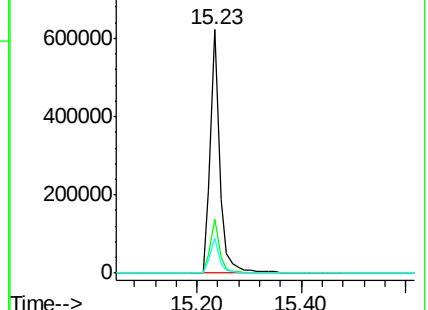
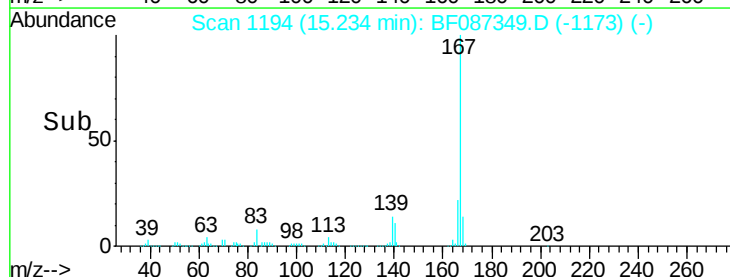
139 14.2 10.8 16.2

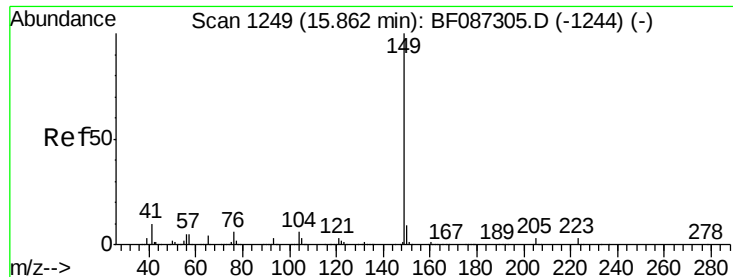


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.67 ng

RT: 15.81 min Scan# 1244

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

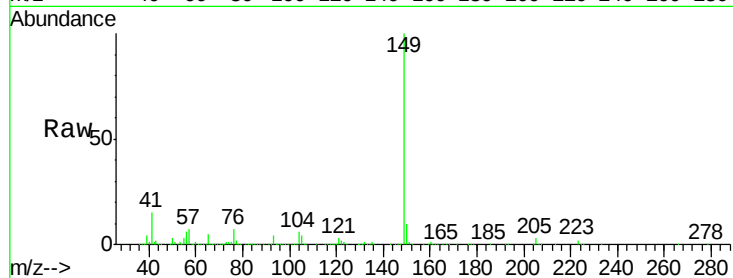
Tgt Ion:149 Resp: 1386454

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

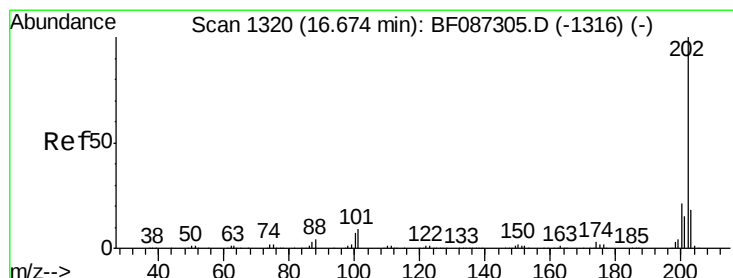
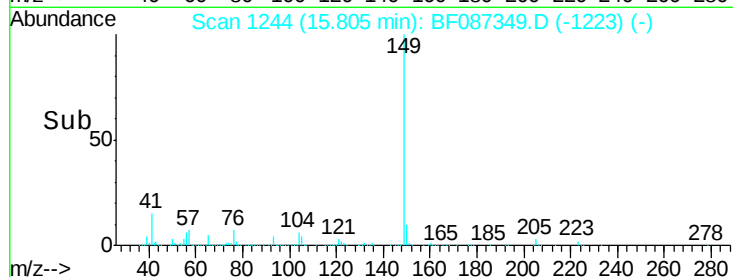
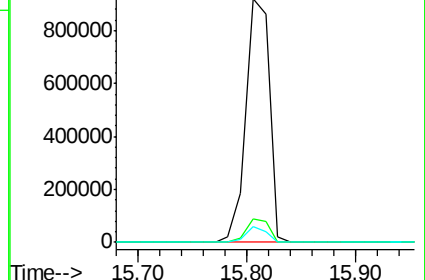
104 6.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.84 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.06 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

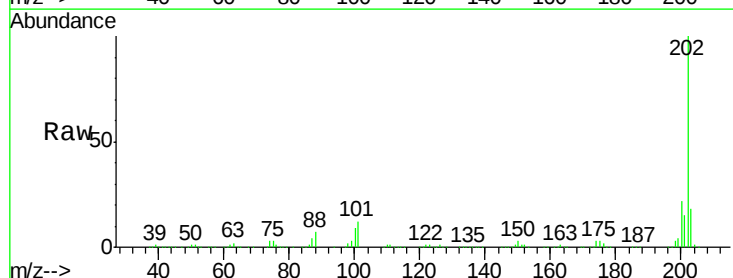
Tgt Ion:202 Resp: 1203541

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

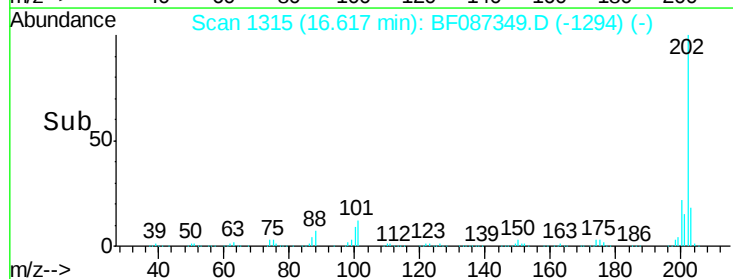
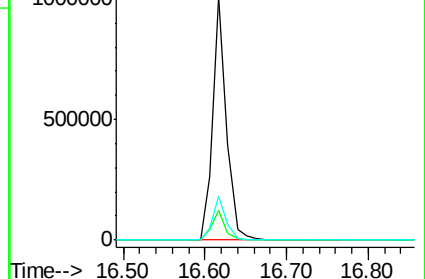
203 18.1 0.0 38.1

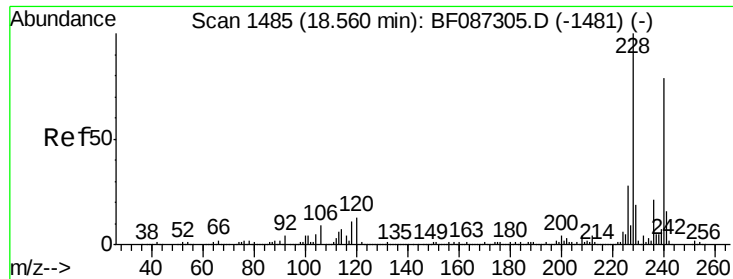


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

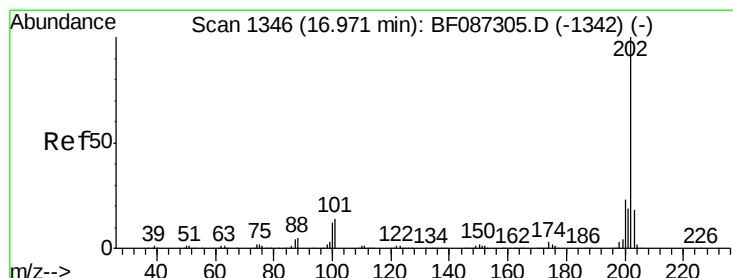
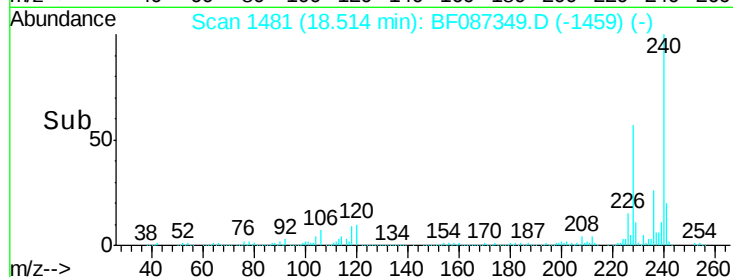
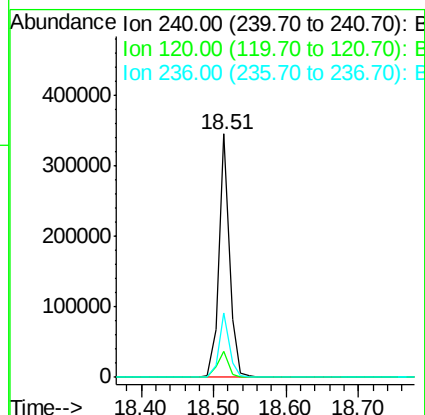
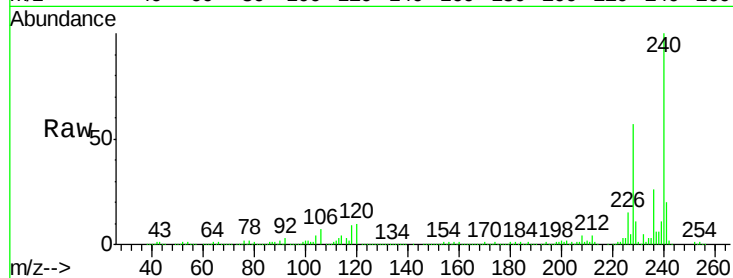




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.51 min Scan# 1481
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

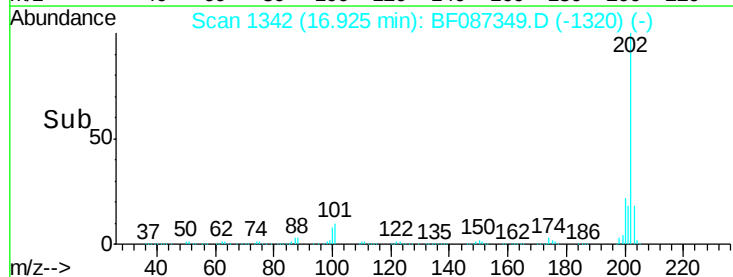
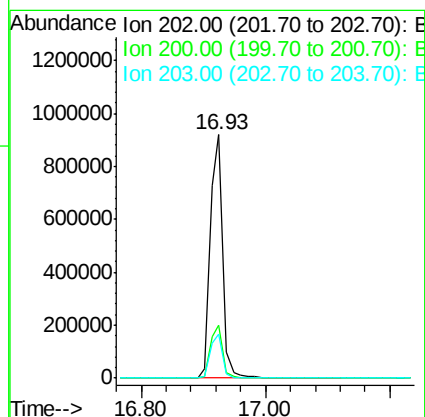
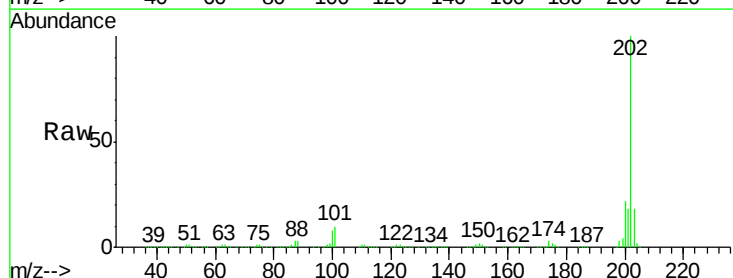
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

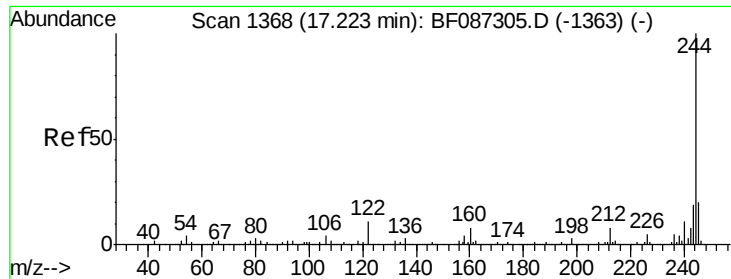
Tgt Ion:240 Resp: 350196
 Ion Ratio Lower Upper
 240 100
 120 10.4 11.2 16.8#
 236 26.3 21.2 31.8



#77
 Pyrene
 Concen: 49.77 ng
 RT: 16.93 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion:202 Resp: 1254544
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.9 14.2 21.4

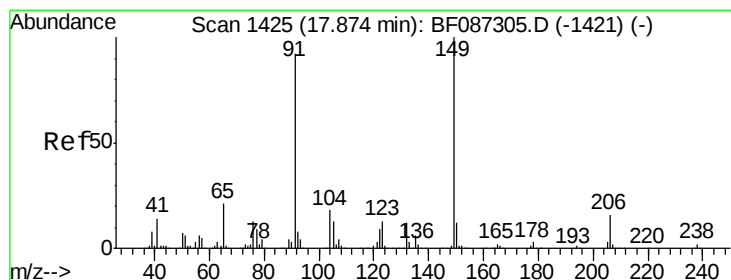
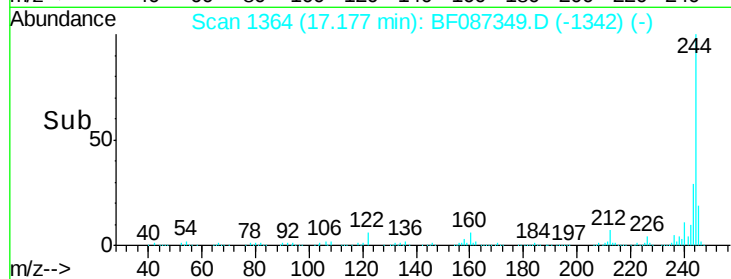
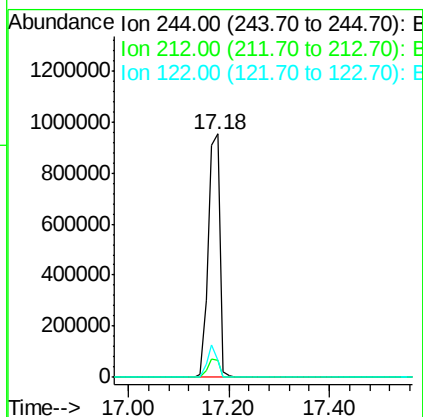
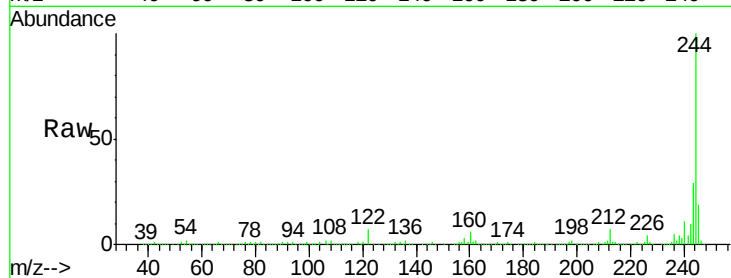




#78
 Terphenyl-d14
 Concen: 92.56 ng
 RT: 17.18 min Scan# 1364
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

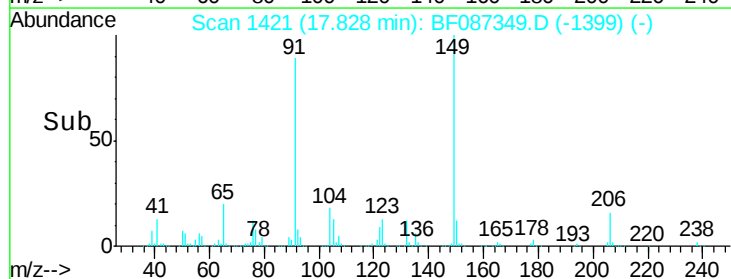
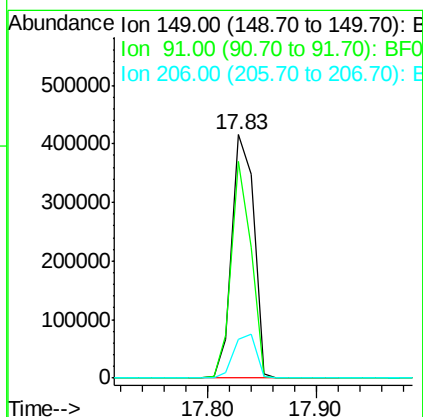
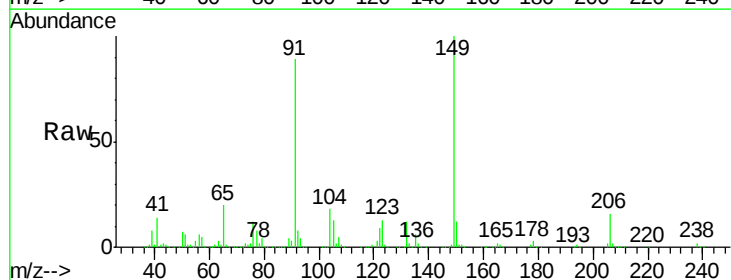
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

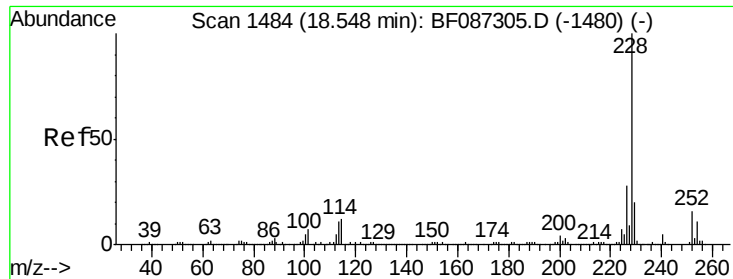
Tgt Ion:244 Resp: 1524635
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 6.8 12.0 18.0#



#79
 Butylbenzylphthalate
 Concen: 51.77 ng
 RT: 17.83 min Scan# 1421
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion:149 Resp: 578730
 Ion Ratio Lower Upper
 149 100
 91 89.2 48.0 72.0#
 206 16.2 15.8 23.6





#80

Benzo(a)anthracene

Concen: 50.81 ng

RT: 18.50 min Scan# 1480

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

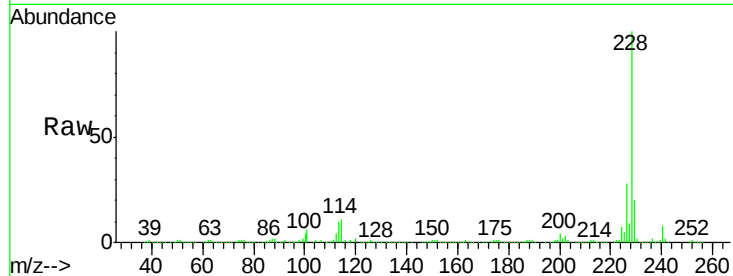
Tgt Ion:228 Resp: 1012030

Ion Ratio Lower Upper

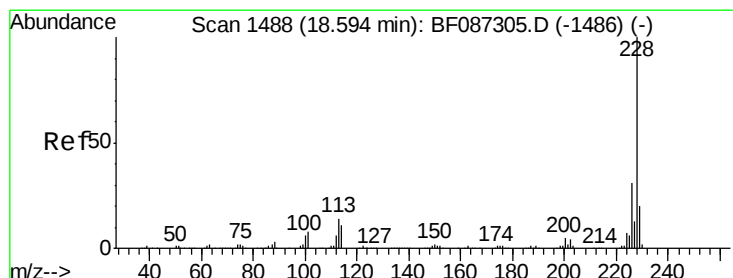
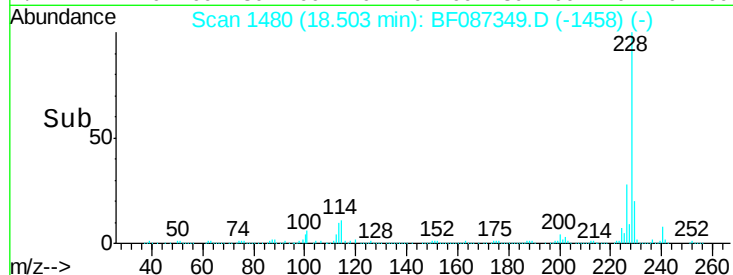
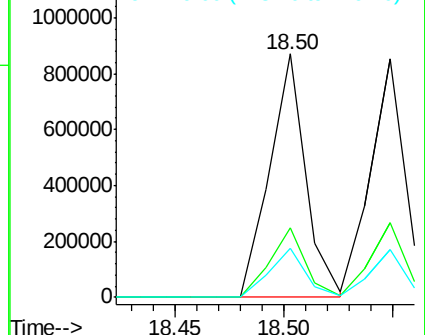
228 100

226 28.4 22.5 33.7

229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 50.22 ng

RT: 18.55 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

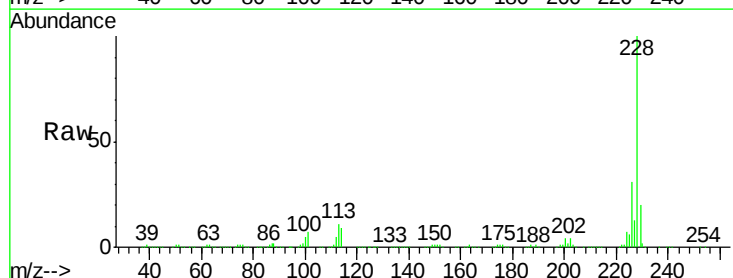
Tgt Ion:228 Resp: 992795

Ion Ratio Lower Upper

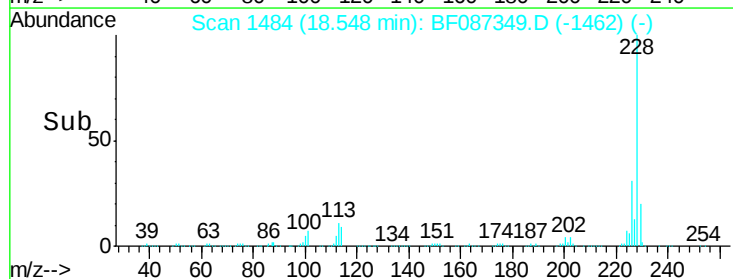
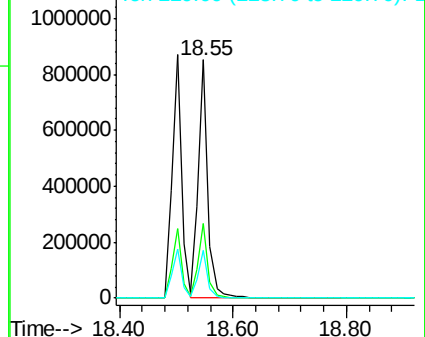
228 100

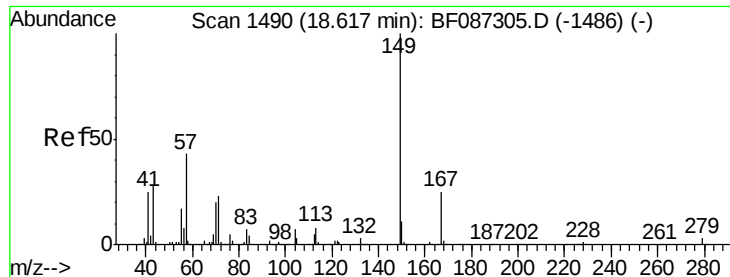
226 31.2 24.4 36.6

229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.94 ng

RT: 18.57 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

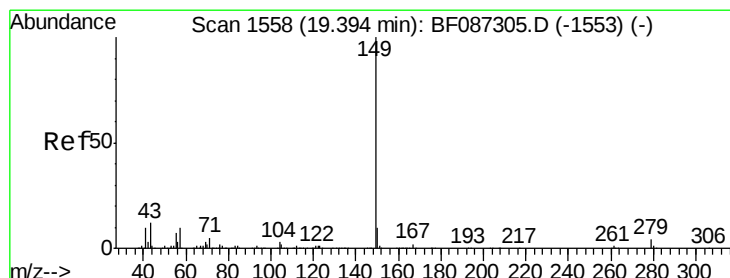
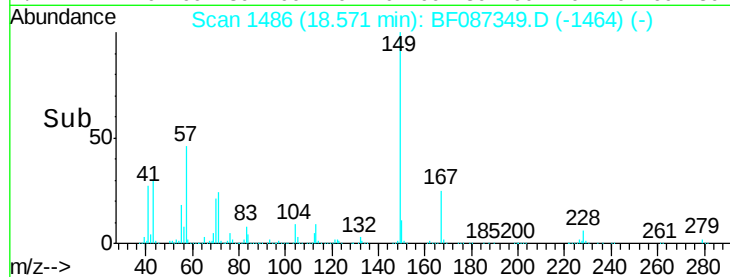
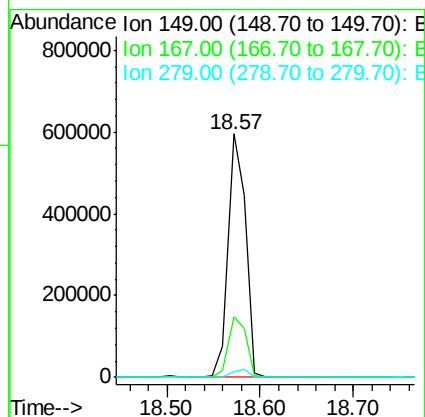
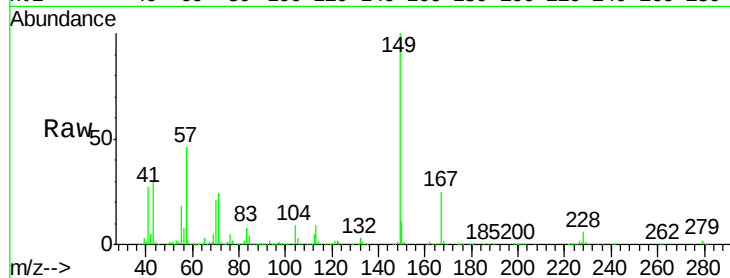
Tgt Ion:149 Resp: 781985

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

279 2.3 2.6 4.0#



#84

Di-n-octyl phthalate

Concen: 49.28 ng

RT: 19.35 min Scan# 1554

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

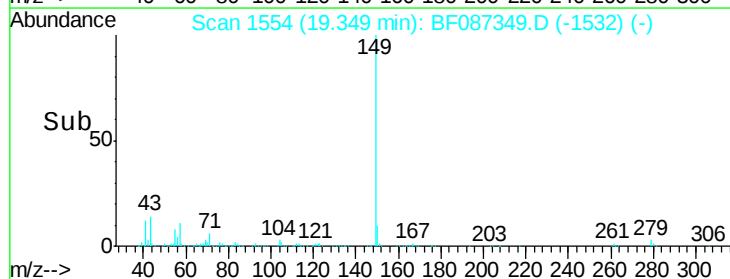
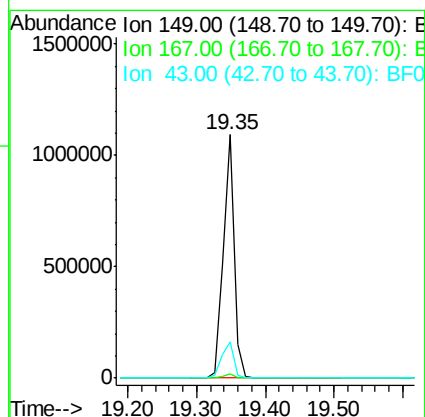
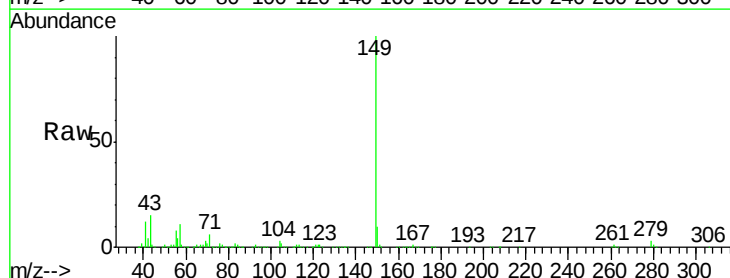
Tgt Ion:149 Resp: 1225862

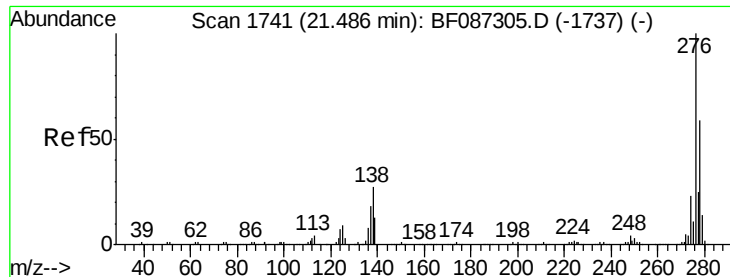
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.2 8.2 12.4#

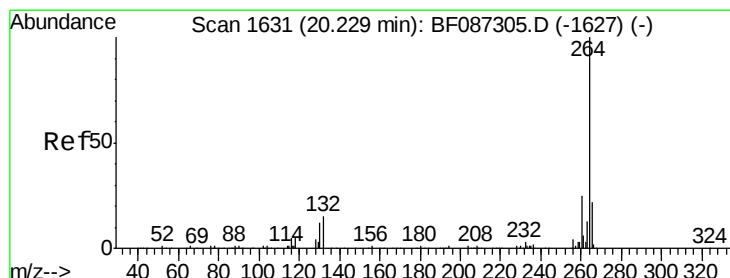
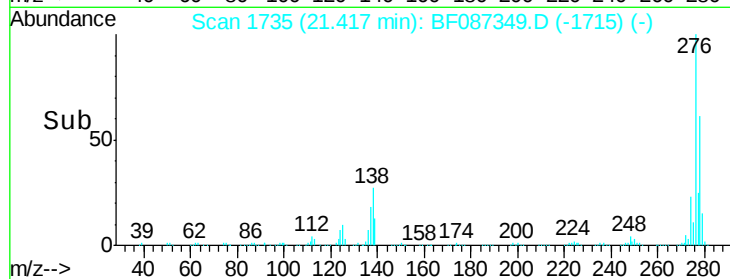
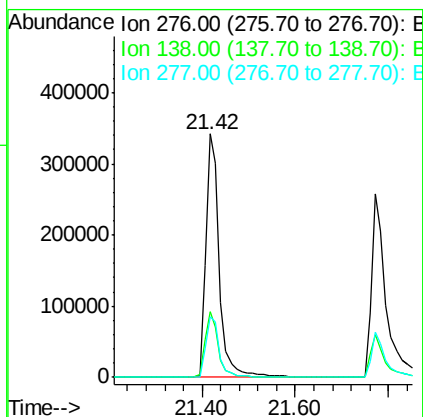
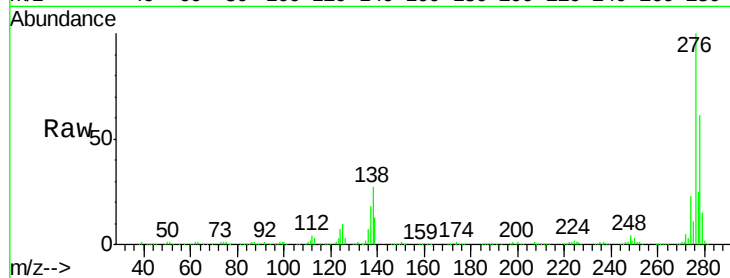




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.24 ng
 RT: 21.42 min Scan# 1735
 Delta R.T. -0.07 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

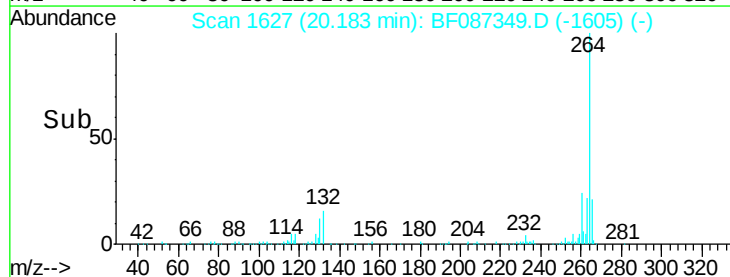
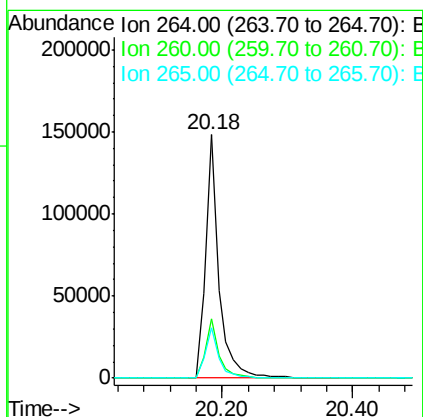
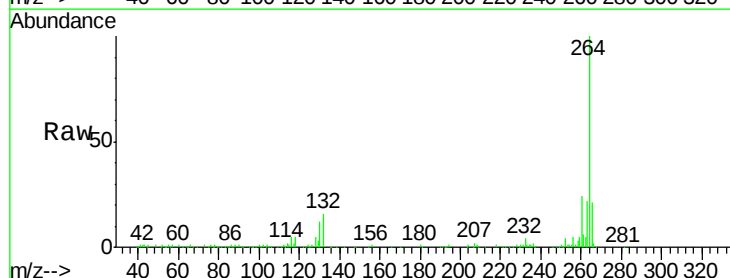
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

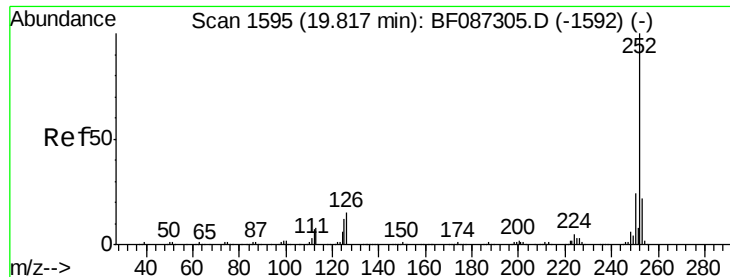
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 1627
 Delta R.T. -0.05 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 119.74 ng

RT: 19.77 min Scan# 1591

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

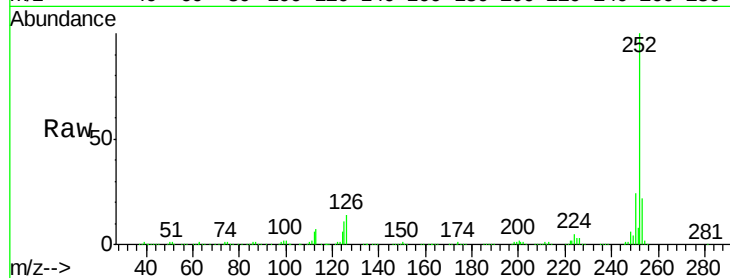
Tgt Ion:252 Resp: 1591910

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

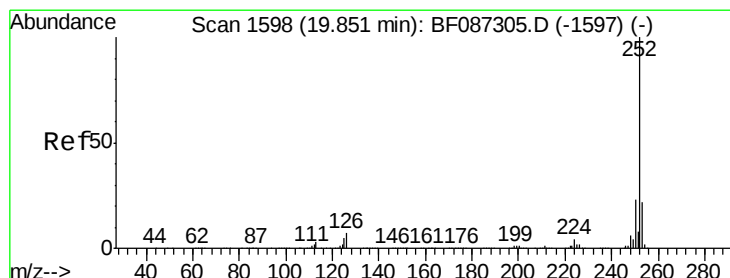
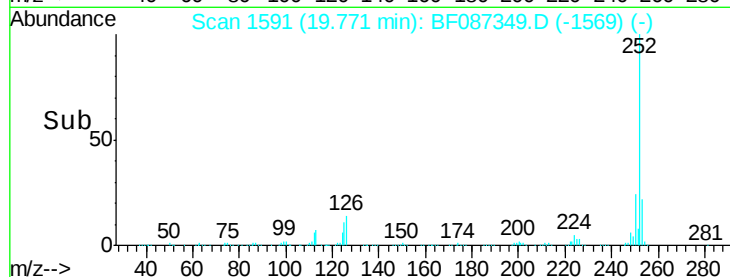
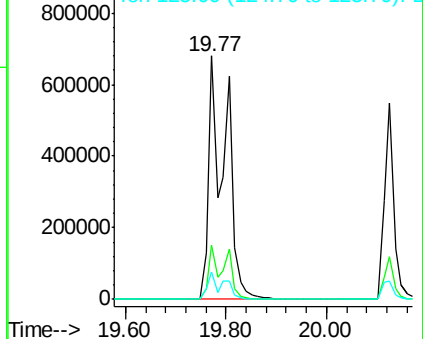
125 11.0 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 139.24 ng

RT: 19.77 min Scan# 1591

Delta R.T. -0.08 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

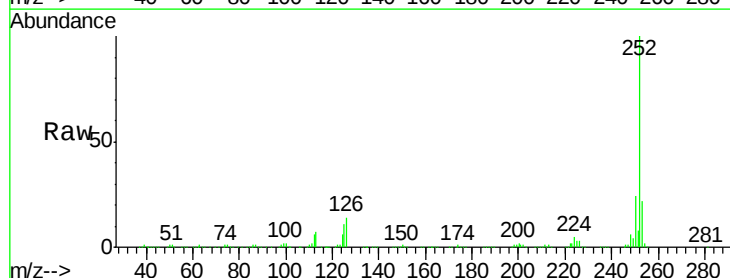
Tgt Ion:252 Resp: 1593379

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

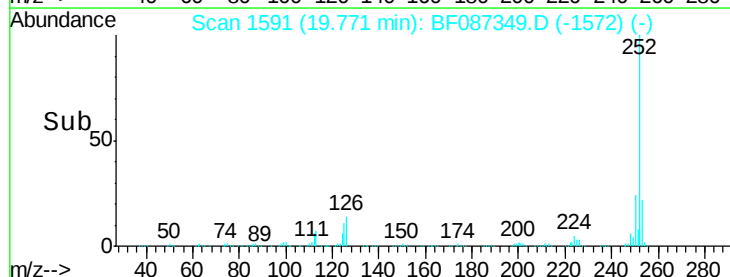
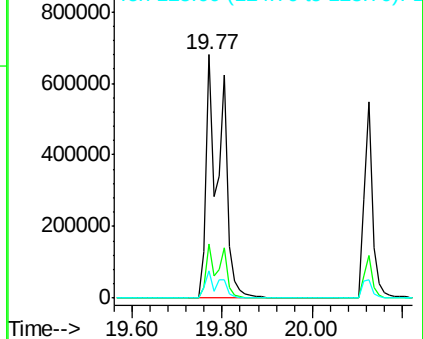
125 11.0 9.1 13.7

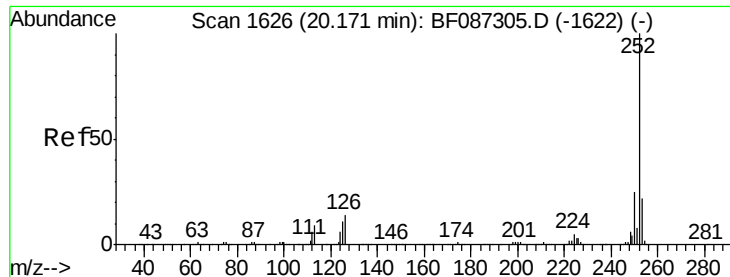


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 62.30 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.05 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

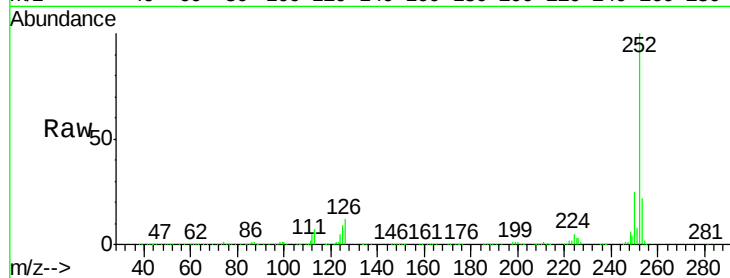
Tgt Ion:252 Resp: 716373

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

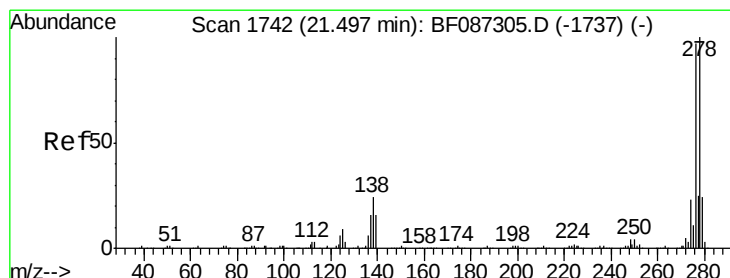
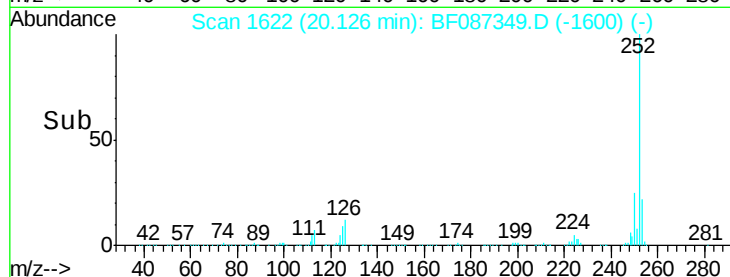
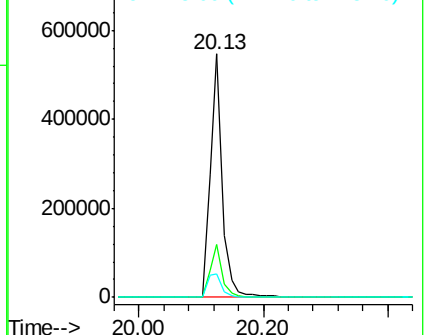
125 9.4 9.0 13.6



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: 60.98 ng

RT: 21.43 min Scan# 1736

Delta R.T. -0.07 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

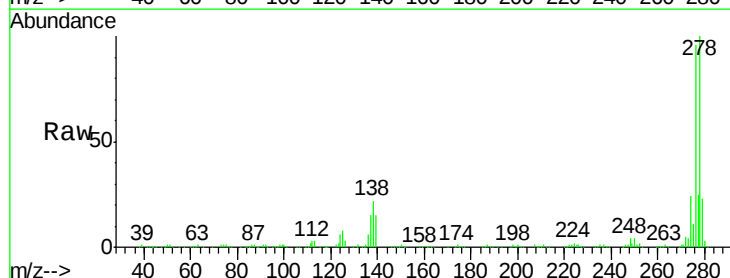
Tgt Ion:278 Resp: 598025

Ion Ratio Lower Upper

278 100

139 15.3 16.6 24.8#

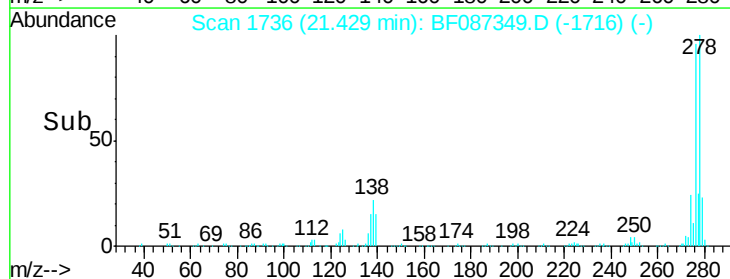
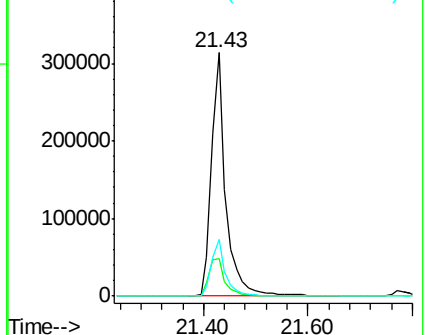
279 23.5 19.6 29.4

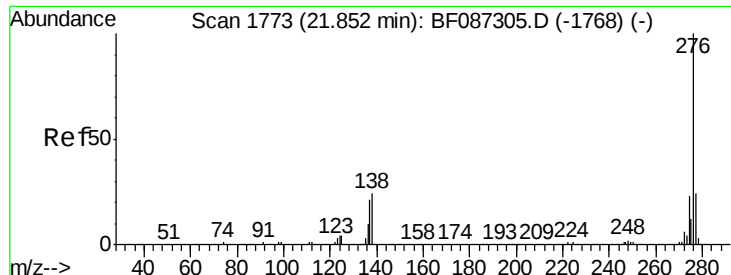


Abundance Ion 278.00 (277.70 to 278.70): E

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: 60.10 ng

RT: 21.77 min Scan# 1766

Delta R.T. -0.08 min

Lab File: BF087349.D

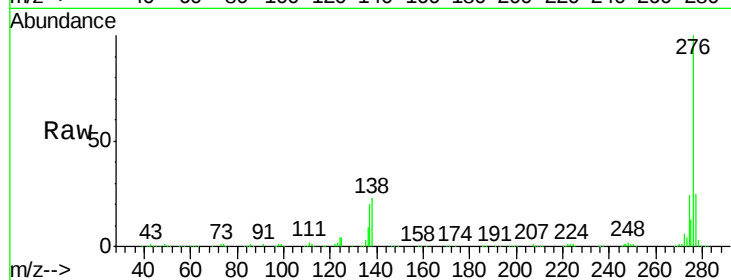
Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD



Tgt Ion:	276	Resp:	581528
Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	23.4	23.6	35.4

