

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 15:24:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 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	-0.01
21) Naphthalene-d8	9.59	136	453475	20.00	ng	-0.01
38) Acenaphthene-d10	12.42	164	222680	20.00	ng	0.00
63) Phenanthrene-d10	14.82	188	434718	20.00	ng	0.00
75) Chrysene-d12	18.51	240	350196	20.00	ng	0.00
86) Perylene-d12	20.18	264	208718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	994724	160.43	ng	0.03
7) Phenol-d6	7.11	99	1252317	149.47	ng	0.00
23) Nitrobenzene-d5	8.48	82	941341	104.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.73	330	343575	160.56	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1581809	100.14	ng	-0.01
78) Terphenyl-d14	17.18	244	1524635	92.56	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	129915m	39.71	ng	
3) Pyridine	2.73	79	211467m	29.57	ng	
4) n-Nitrosodimethylamine	2.58	42	271408	49.25	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	475946	52.02	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	91933m	51.86	ng	
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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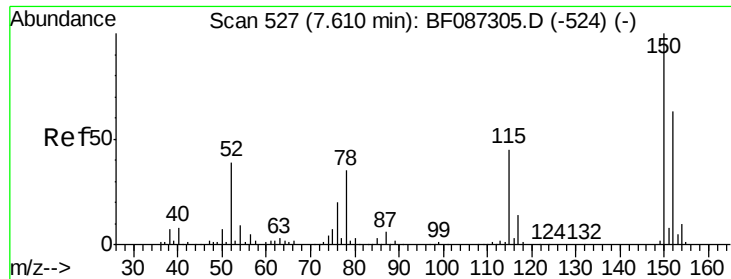
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.26	196	222641	54.11	nq	93
43) 2,4,5-Trichlorophenol	11.34	196	220719	52.68	nq #	92
45) 1,1'-Biphenyl	11.52	154	958504	51.12	nq	97
46) 2-Chloronaphthalene	11.53	162	714912	49.84	nq #	91
47) 2-Nitroaniline	11.75	65	277747	53.75	nq #	74
48) Acenaphthylene	12.19	152	1152289	50.74	nq	99
49) Dimethylphthalate	12.08	163	918198	51.47	nq	100
50) 2,6-Dinitrotoluene	12.17	165	193932	53.95	nq #	87
51) Acenaphthene	12.48	154	721636	51.70	nq	98
52) 3-Nitroaniline	12.44	138	32691	8.86	nq #	83
53) 2,4-Dinitrophenol	12.63	184	177663	95.22	nq #	76
54) Dibenzofuran	12.76	168	1050435	55.59	nq	96
55) 4-Nitrophenol	12.81	139	197645	112.32	nq #	48
56) 2,4-Dinitrotoluene	12.83	165	267376	55.66	nq	90
57) Fluorene	13.31	166	853765	52.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.01	232	205781	63.85	nq	98
59) Diethylphthalate	13.23	149	905778	52.23	nq	96
60) 4-Chlorophenyl-phenylether	13.35	204	401095	50.19	nq	89
61) 4-Nitroaniline	13.44	138	119353	34.67	nq #	68
62) Azobenzene	13.60	77	995892	55.35	nq	87
64) 4,6-Dinitro-2-methylphenol	13.50	198	134661	48.72	nq	84
65) n-Nitrosodiphenylamine	13.55	169	465503	33.11	nq	100
66) 4-Bromophenyl-phenylether	14.14	248	234627	49.34	nq #	84
67) Hexachlorobenzene	14.21	284	248759	50.01	nq #	85
68) Atrazine	14.48	200	139067	31.03	nq	94
69) Pentachlorophenol	14.56	266	207933	130.30	nq	98
70) Phenanthrene	14.87	178	1247108	51.79	nq	99
71) Anthracene	14.95	178	1252332	51.48	nq	100
72) Carbazole	15.23	167	784733	37.82	nq	99
73) Di-n-butylphthalate	15.81	149	1386454	51.67	nq #	98
74) Fluoranthene	16.62	202	1203541	49.84	nq	96
77) Pyrene	16.93	202	1254544	49.77	nq	100
79) Butylbenzylphthalate	17.83	149	578730	51.77	nq #	69
80) Benzo(a)anthracene	18.50	228	1012030	50.81	nq	99
82) Chrysene	18.55	228	992795	50.22	nq	99
83) Bis(2-ethylhexyl)phthalate	18.57	149	781985	47.94	nq #	95
84) Di-n-octyl phthalate	19.35	149	1225862	49.28	nq #	86
85) Indeno(1,2,3-cd)pyrene	21.42	276	700799	44.22	nq	94
87) Benzo(b)fluoranthene	19.77	252	749403m	56.37	nq	
88) Benzo(k)fluoranthene	19.81	252	827837m	72.34	nq	
89) Benzo(a)pyrene	20.13	252	716373	62.30	nq	98
90) Dibenzo(a,h)anthracene	21.43	278	598025	60.98	nq #	94
91) Benzo(g,h,i)perylene	21.77	276	580849	60.03	nq #	94

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

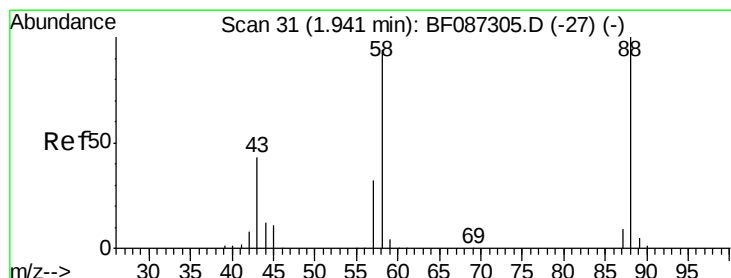
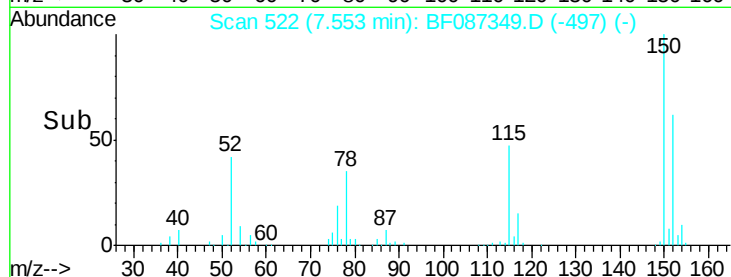
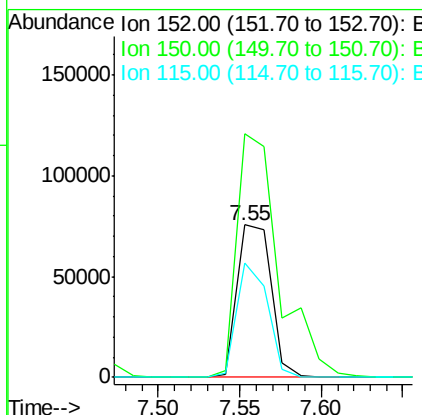
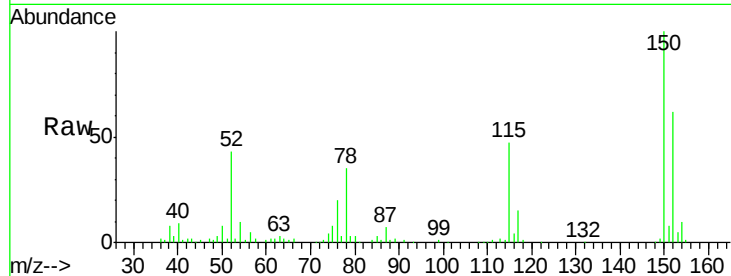


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
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 ClientSampleId :
 SEWER-JOBMSD

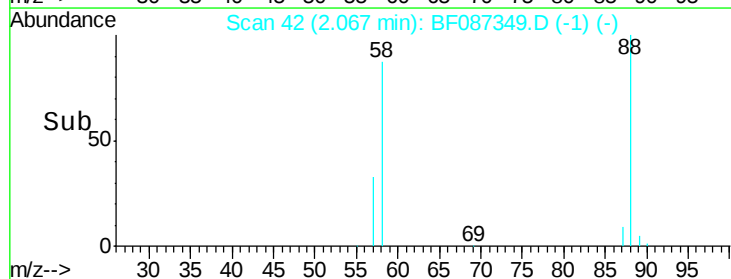
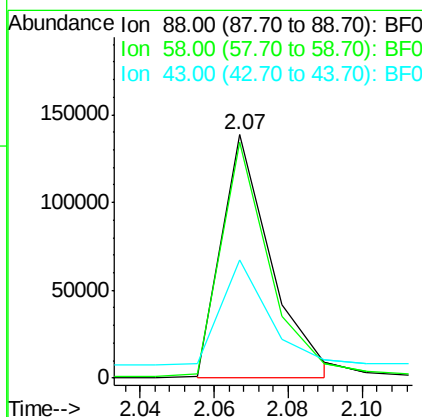
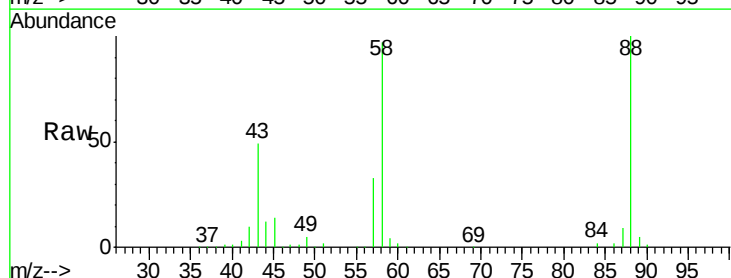
Tot Ion:152 Resp: 108951
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.8 188.6
 115 75.0 51.5 77.3



#2

1,4-Dioxane
 Concen: 39.71 ng m
 RT: 2.07 min Scan# 42
 Delta R.T. 0.21 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Tgt Ion: 88 Resp: 129915
 Ion Ratio Lower Upper
 88 100
 58 0.0 59.6 89.4#
 43 0.0 21.8 32.6#





#3

Pvridine

Concen: 29.57 ng/ml

RT: 2.73 min Scan# 100

Delta R.T. 0.27 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

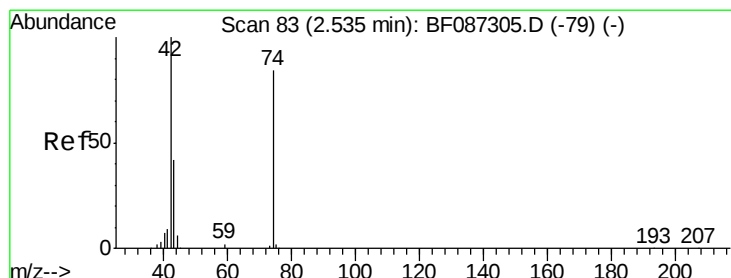
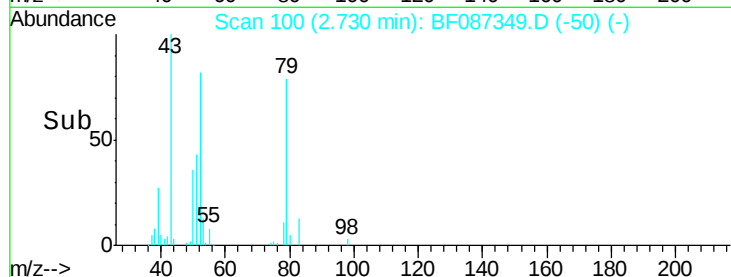
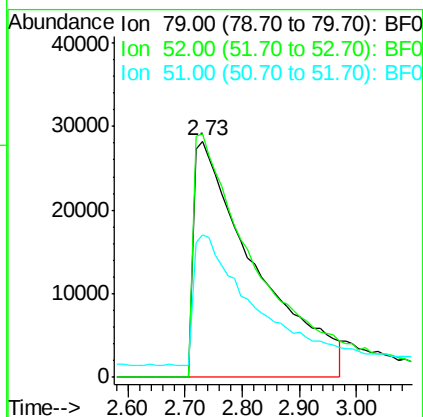
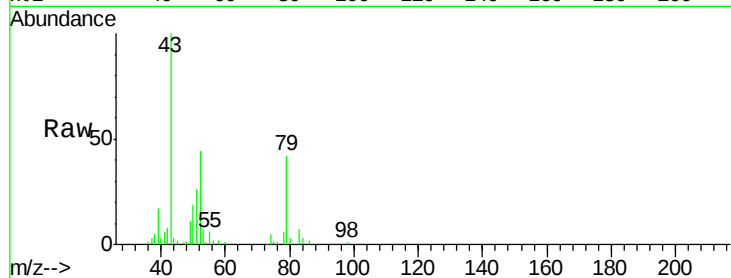
Tot Ion: 79 Resp: 211467

Ion Ratio Lower Upper

79 100

52 103.2 55.9 83.9#

51 60.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 49.25 ng/ml

RT: 2.58 min Scan# 87

Delta R.T. 0.14 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

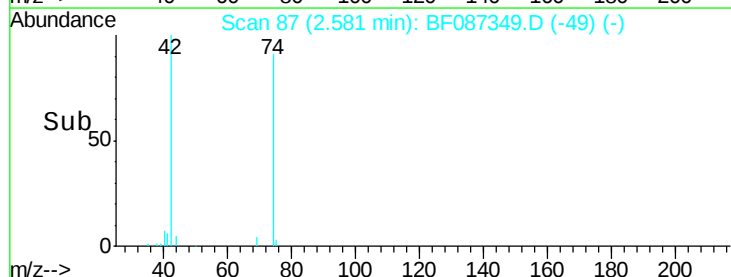
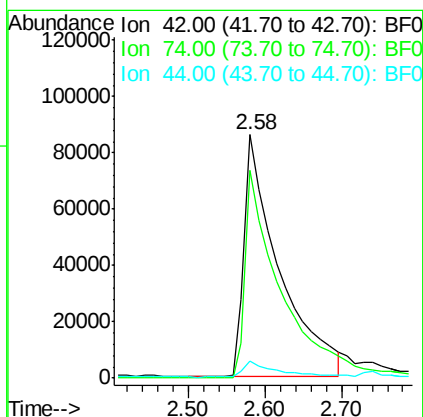
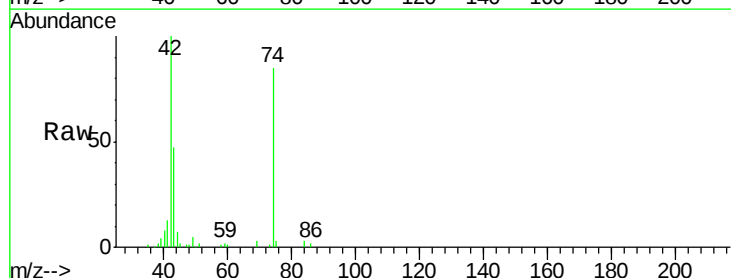
Tgt Ion: 42 Resp: 271408

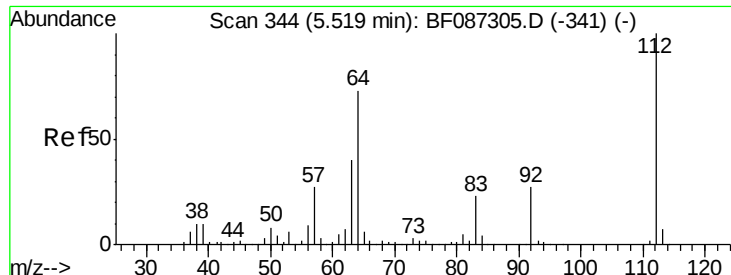
Ion Ratio Lower Upper

42 100

74 85.1 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 160.43 ng

RT: 5.50 min Scan# 342

Delta R.T. 0.03 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

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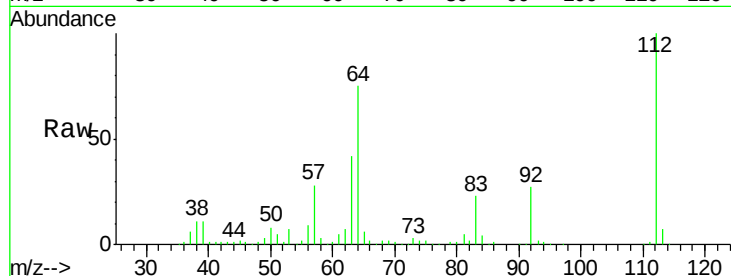
Tot Ion:112 Resp: 994724

Ion Ratio Lower Upper

112 100

64 74.9 52.1 78.1

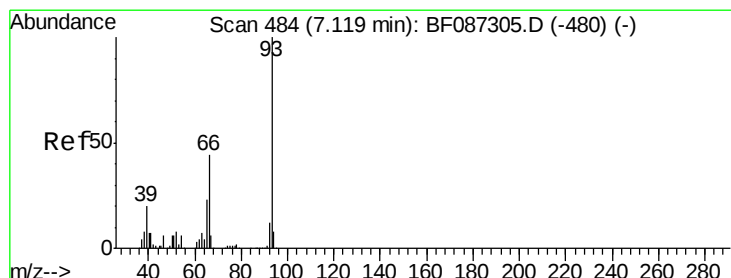
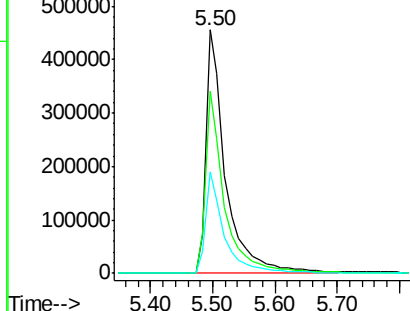
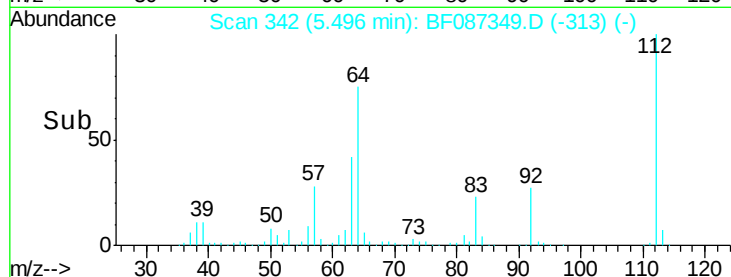
63 41.8 25.7 38.5#



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. 0.03 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

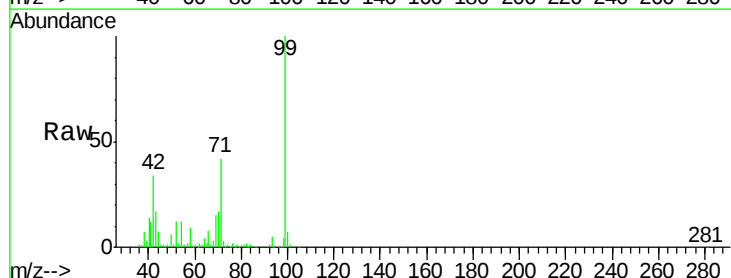
Tgt Ion: 93 Resp: 45307

Ion Ratio Lower Upper

93 100

66 158.5 39.0 58.6#

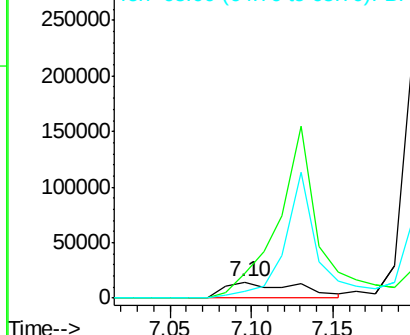
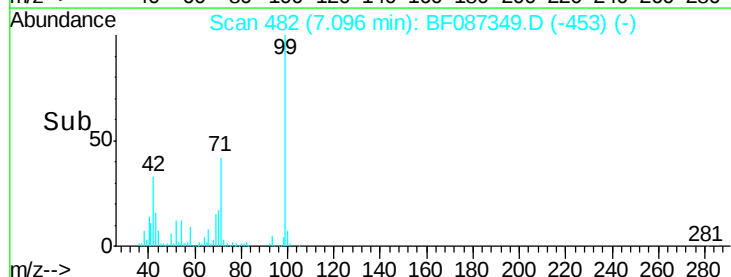
65 43.2 20.6 31.0#

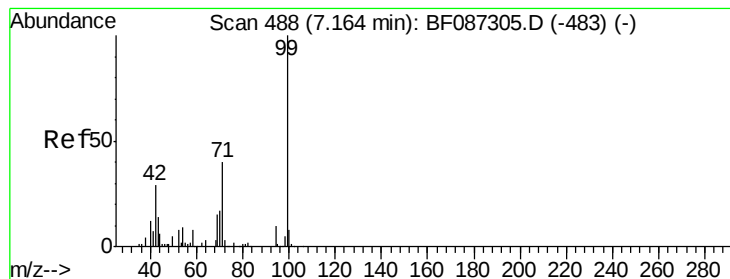


Abundance Ion 93.00 (92.70 to 93.70): BF0

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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

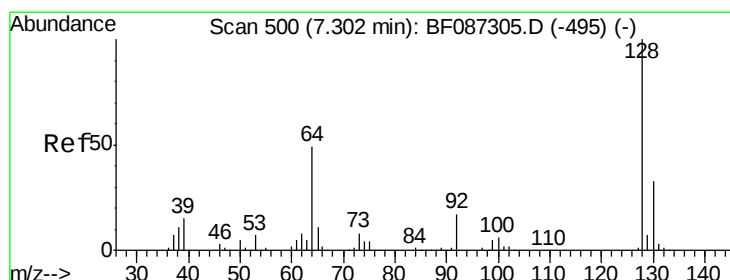
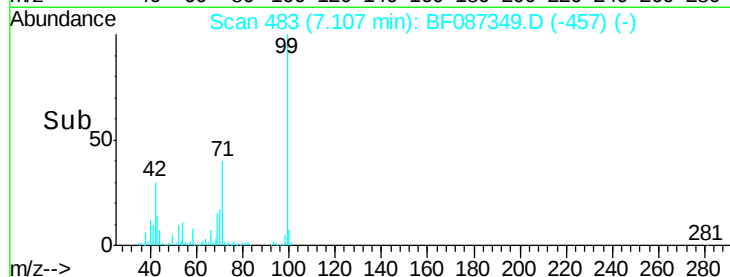
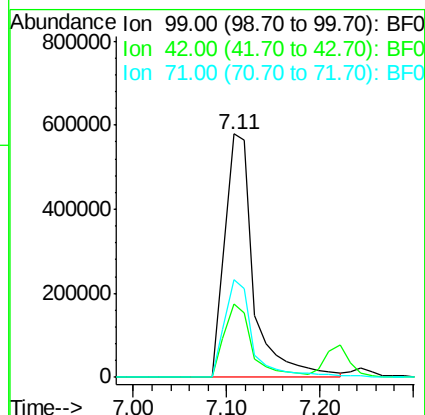
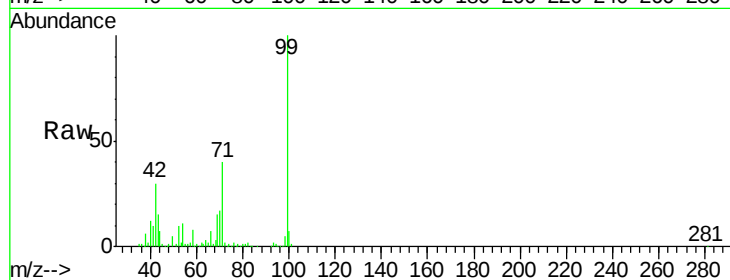
BNA_F

ClientSampleId :

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Tot 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

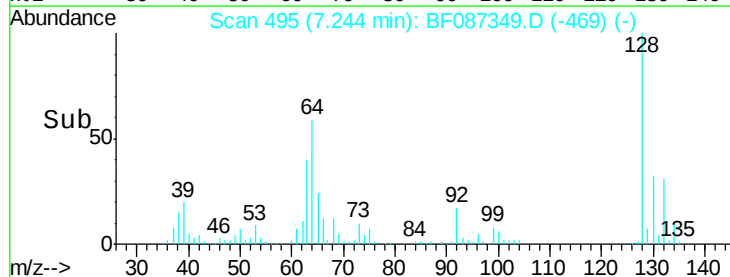
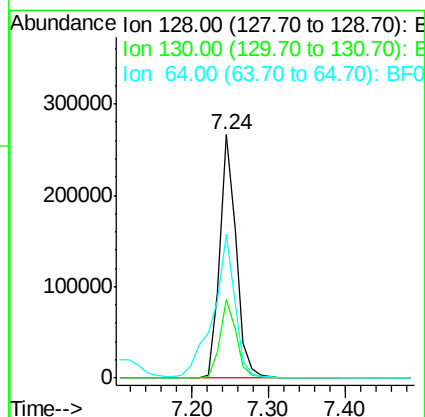
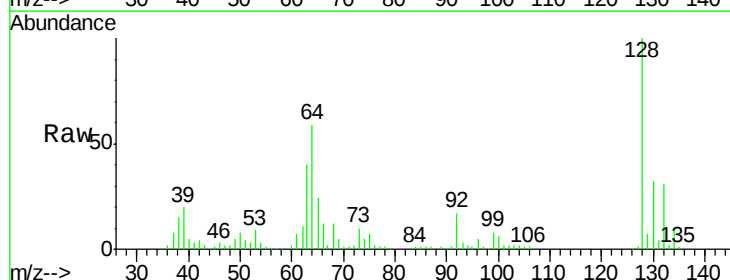
Delta R.T. -0.00 min

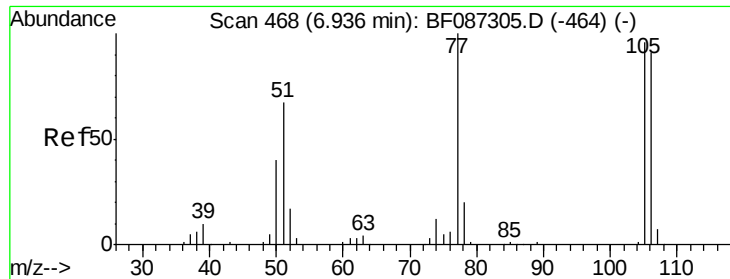
Lab File: BF087349.D

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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

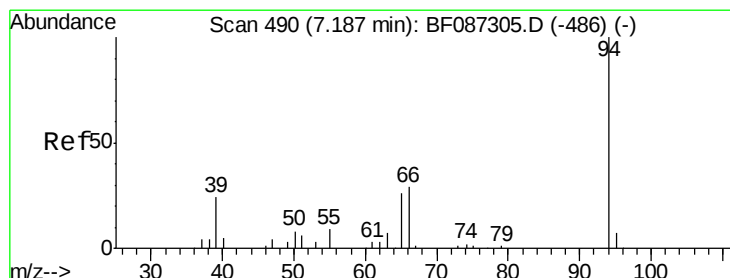
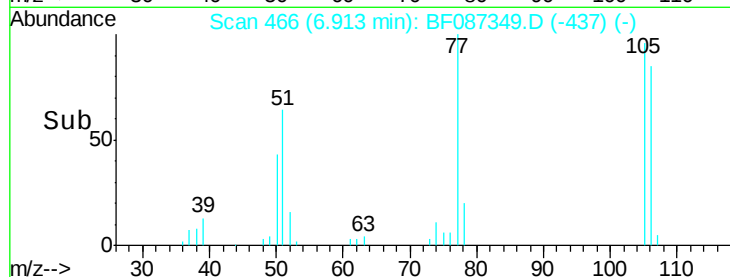
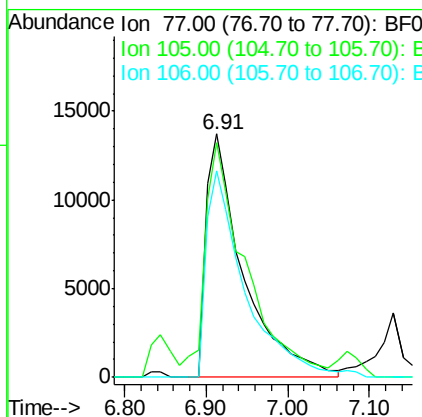
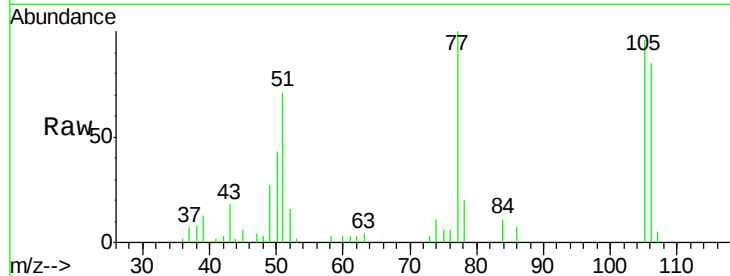




#9
Benzaldehyde
Concen: 9.49 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.03 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

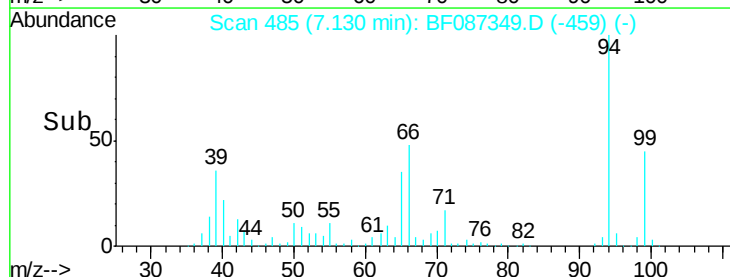
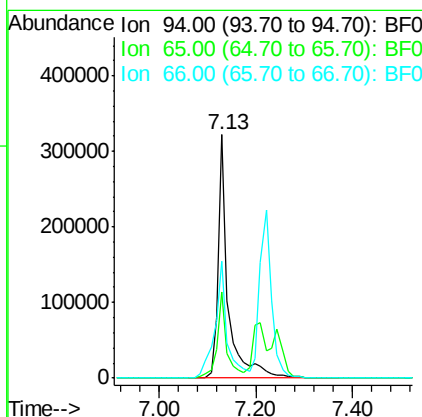
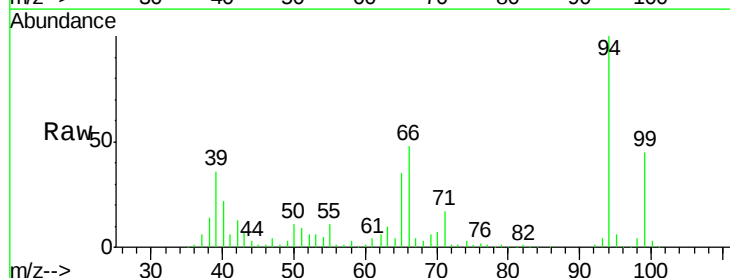
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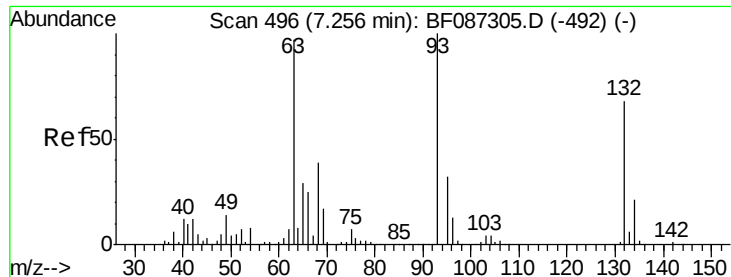
Tot Ion: 77 Resp: 43917
Ion Ratio Lower Upper
77 100
105 96.4 72.7 112.7
106 84.8 70.8 110.8



#10
Phenol
Concen: 52.02 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion: 94 Resp: 475946
Ion Ratio Lower Upper
94 100
65 35.3 7.2 47.2
66 48.0 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 52.69 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

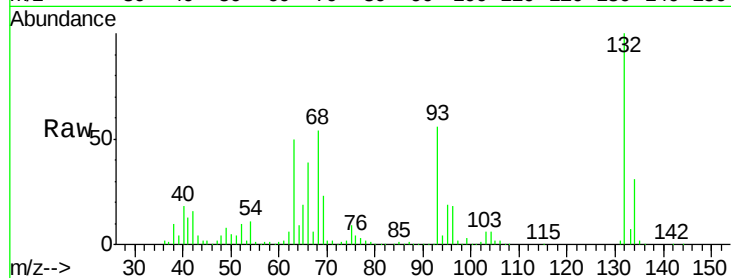
Tot Ion: 93 Resp: 390141

Ion Ratio Lower Upper

93 100

63 88.4 58.0 98.0

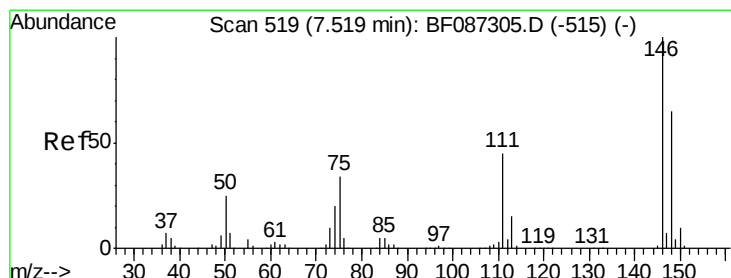
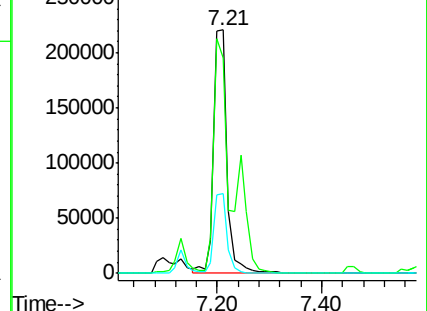
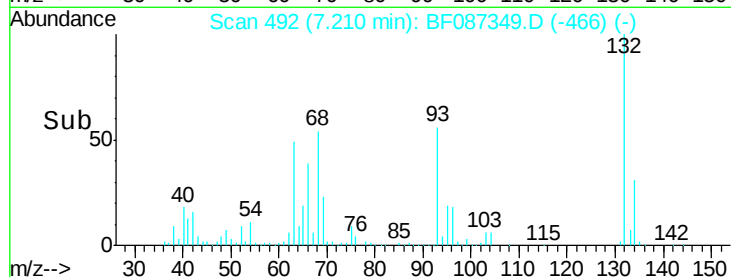
95 33.0 11.9 51.9



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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

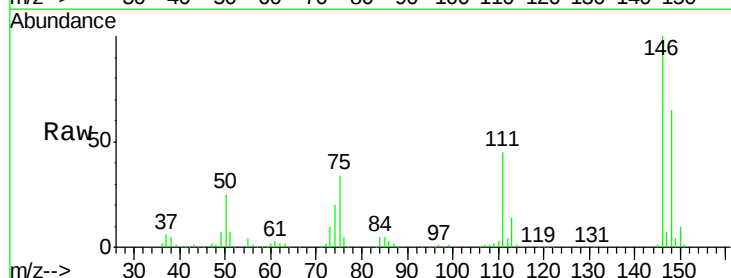
Tgt Ion: 146 Resp: 417143

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

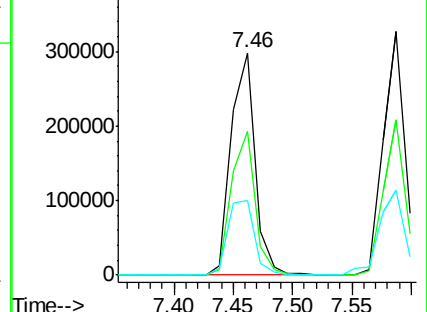
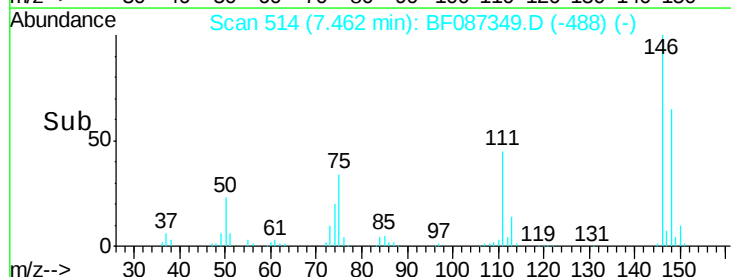
75 33.7 22.8 34.2

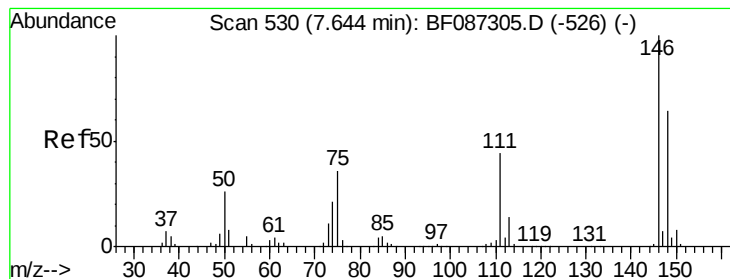


Abundance Ion 146.00 (145.70 to 146.70): E

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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

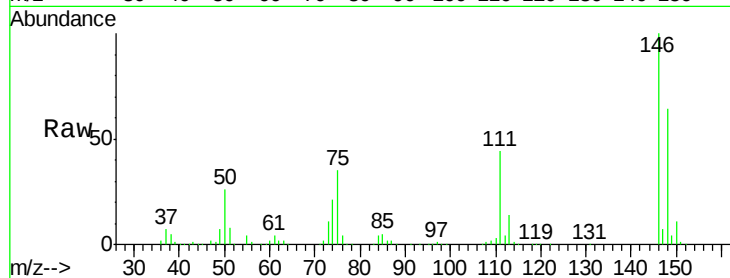
Tot Ion:146 Resp: 431090

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

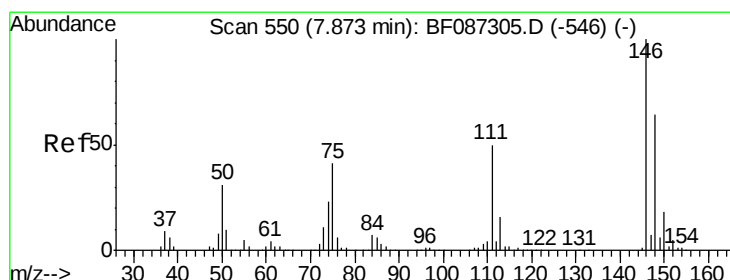
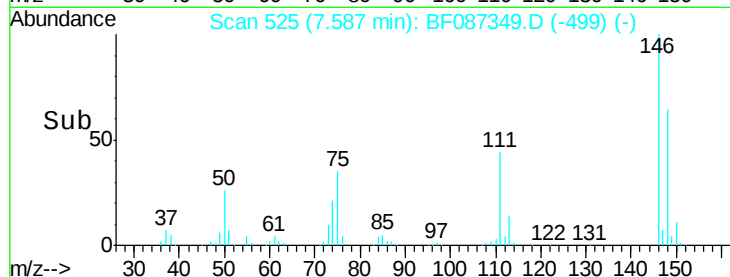
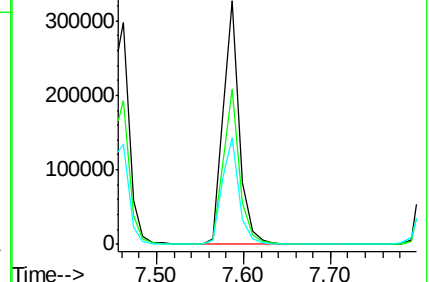
111 43.8 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.63 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

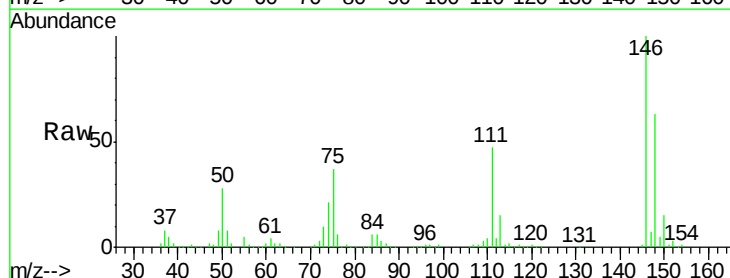
Tgt Ion:146 Resp: 405492

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

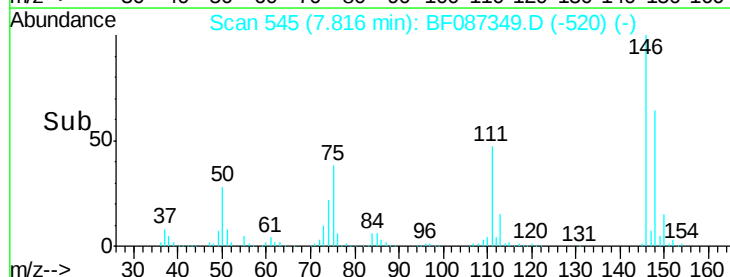
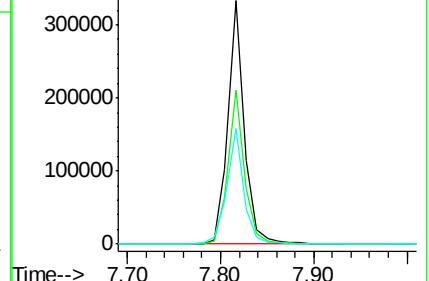
111 47.3 36.2 54.4

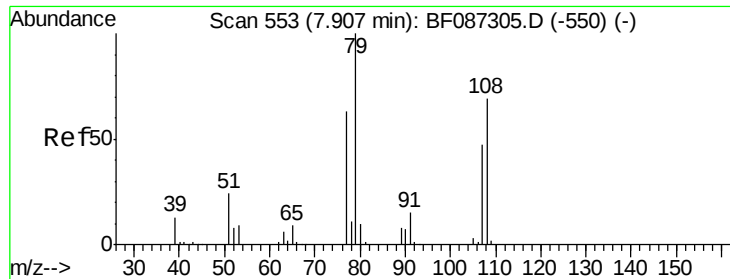


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.71 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleID :

SEWER-JOBMSD

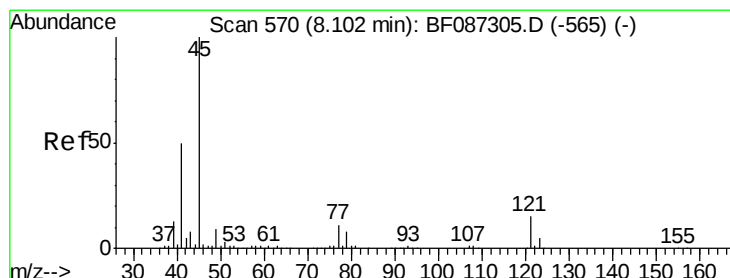
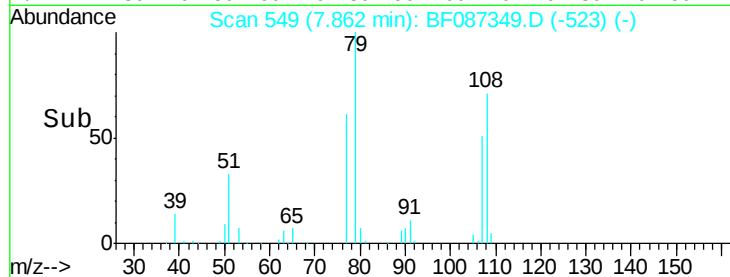
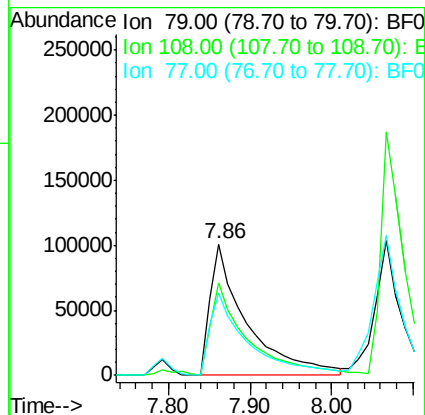
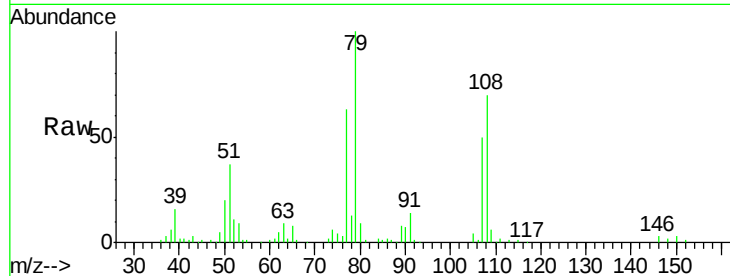
Tot Ion: 79 Resp: 315869

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. 0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

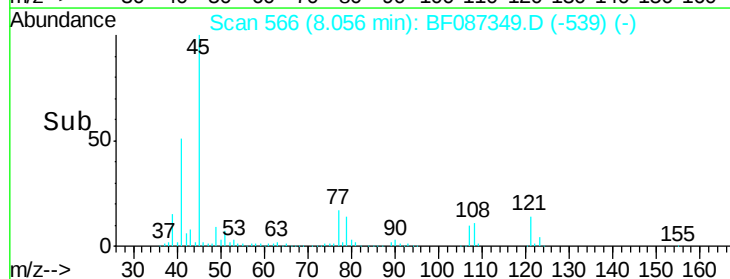
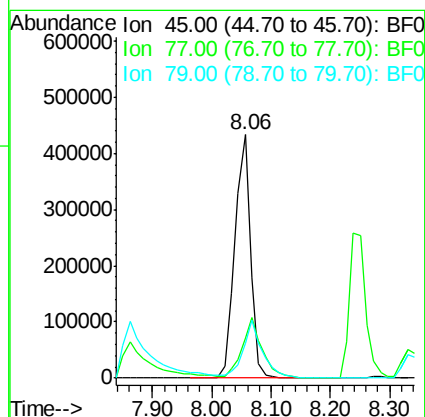
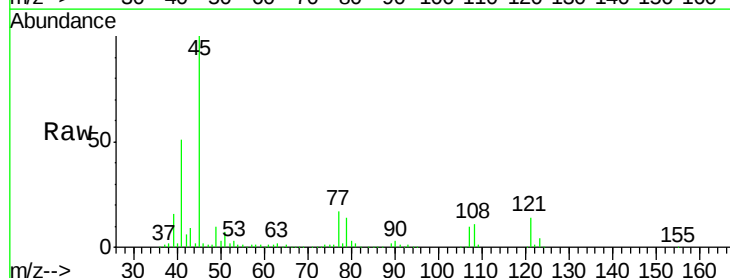
Tgt Ion: 45 Resp: 785110

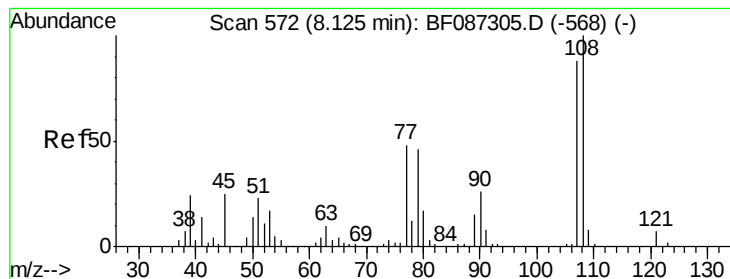
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 14.2 0.0 33.4

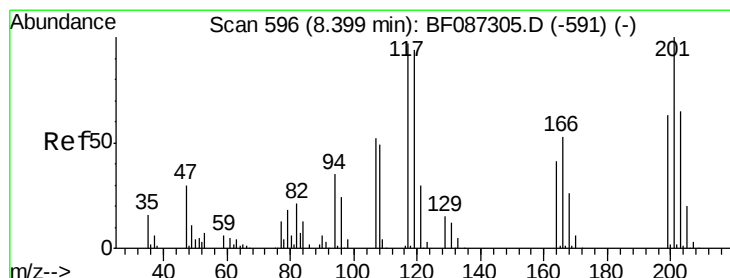
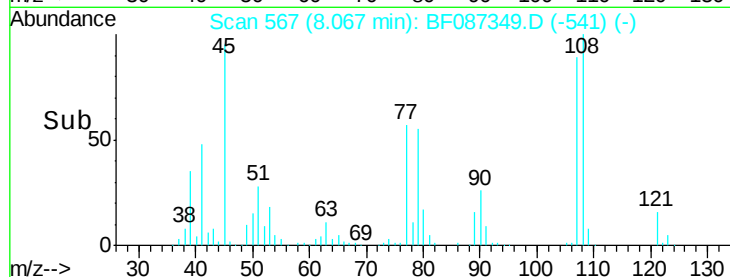
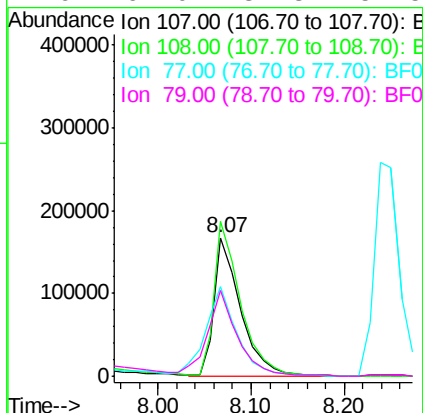
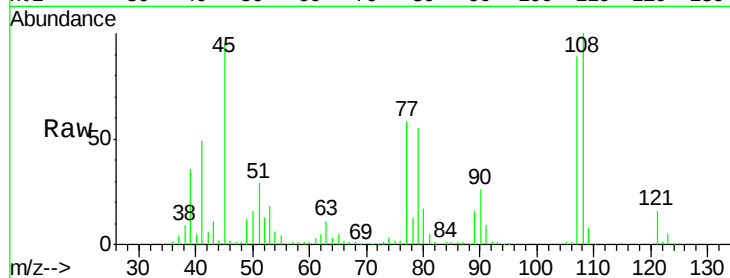




#17
2-Methylphenol
Concen: 53.10 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

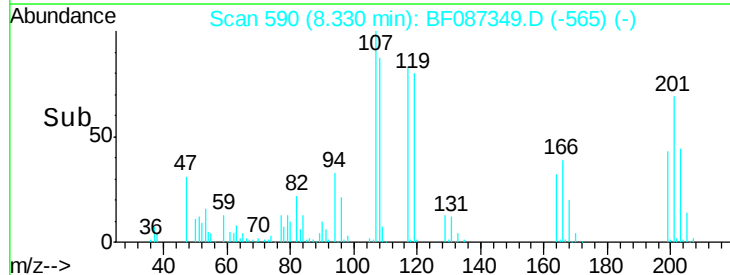
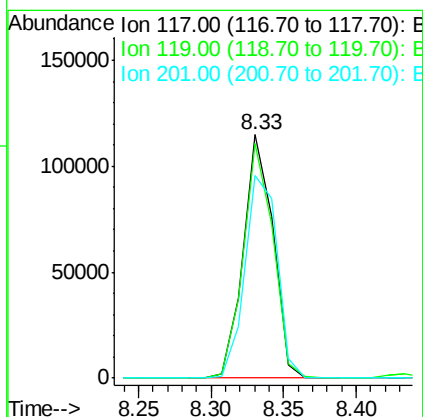
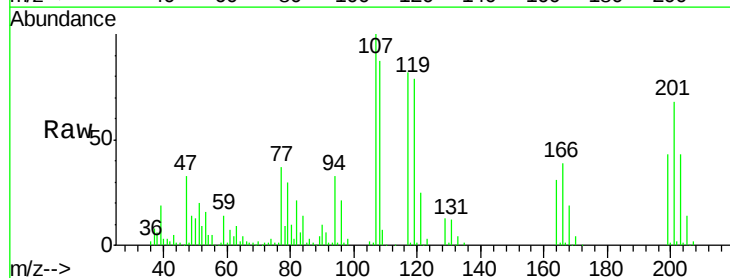
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot 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. -0.01 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

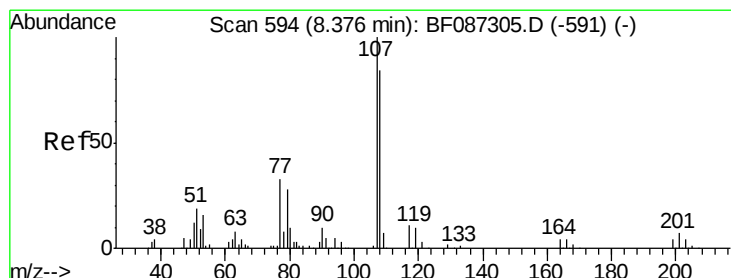
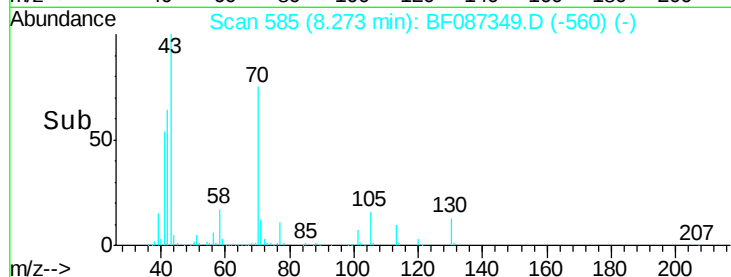
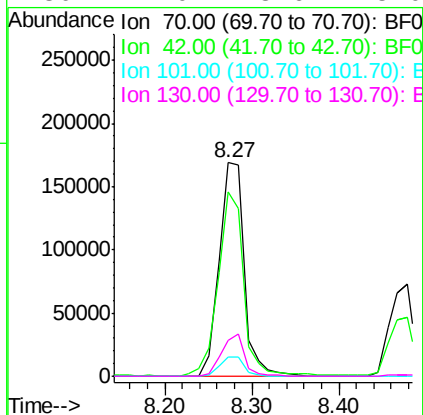
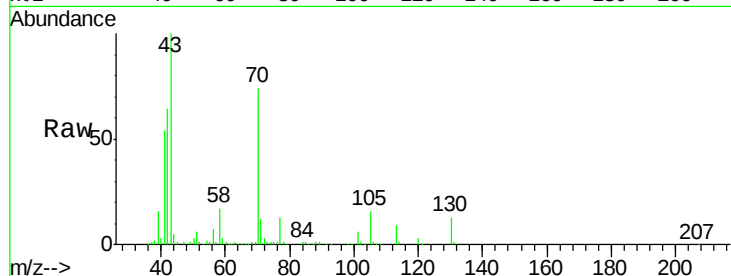




#19
n-Nitroso-di-n-propylamine
Concen: 54.34 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

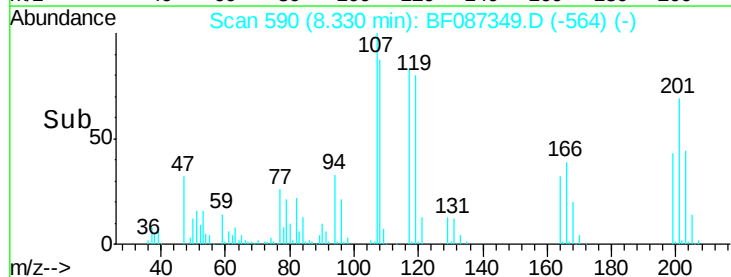
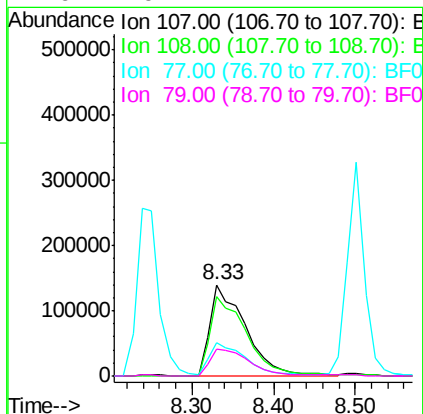
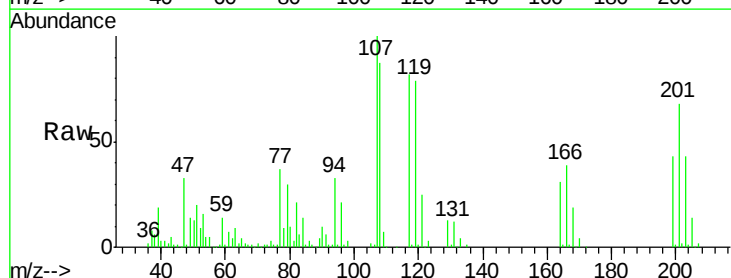
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

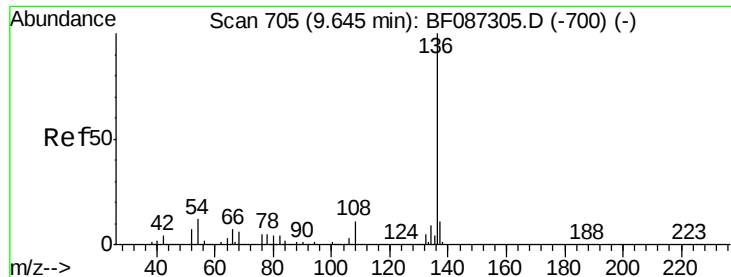
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	86.1	43.1	64.7	
101	8.8	8.1	12.1	
130	17.0	18.6	28.0	



#20
3+4-Methylphenols
Concen: 56.68 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion	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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

Tot Ion:136 Resp: 453475

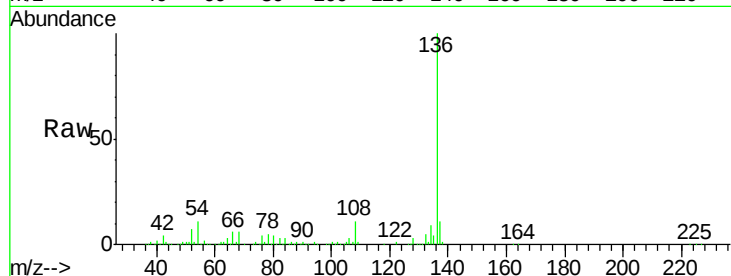
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.5 5.0 7.4#

68 5.6 4.4 6.6

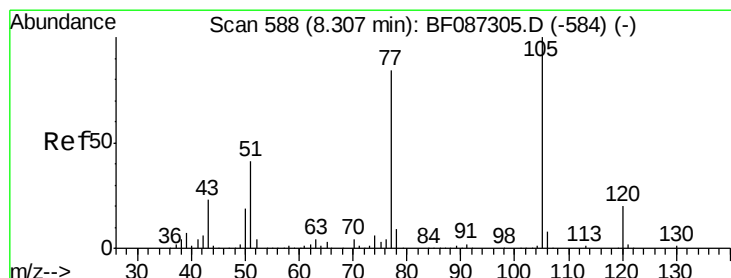
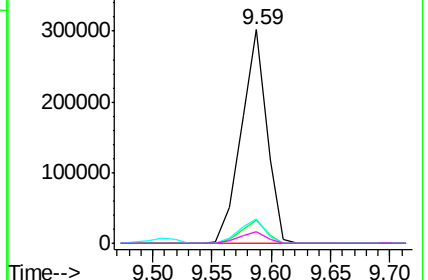
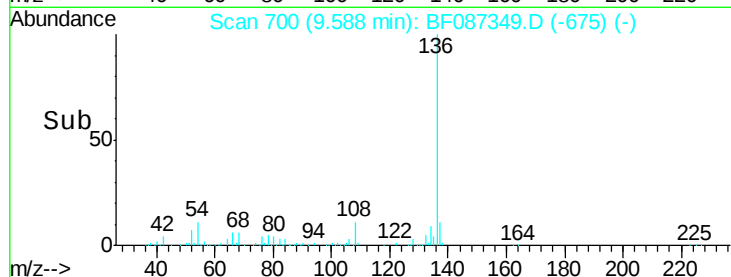


Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Tgt Ion:105 Resp: 598509

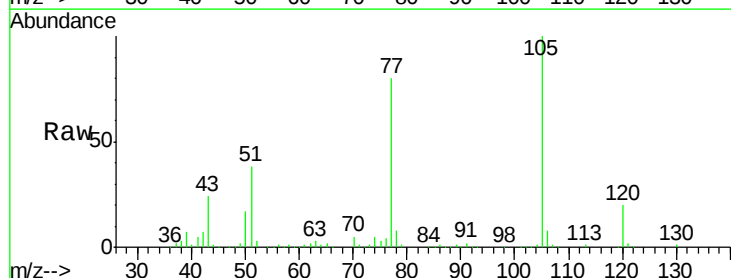
Ion Ratio Lower Upper

105 100

71 0.9 4.8 7.2#

51 38.3 32.6 49.0

120 20.4 16.5 24.7

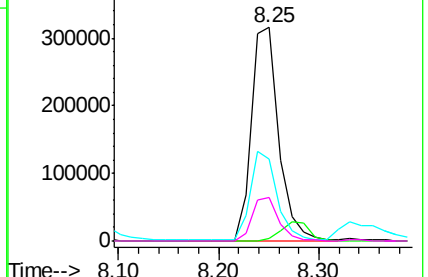
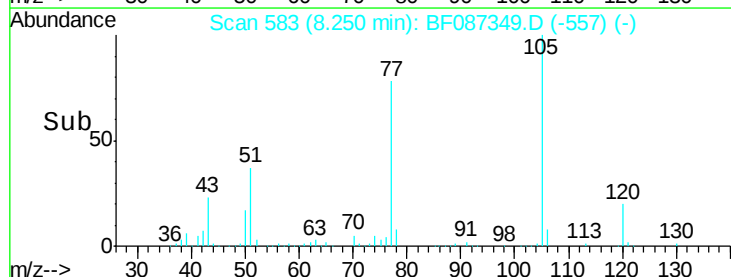


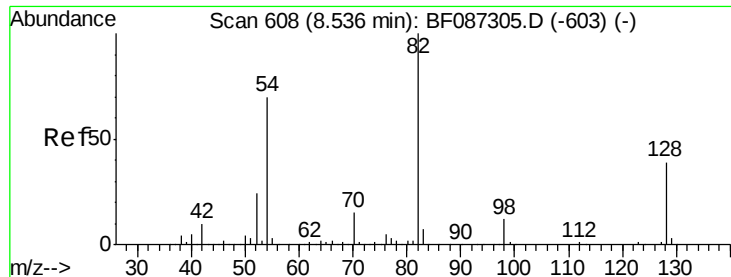
Abundance Ion 105.00 (104.70 to 105.70): E

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

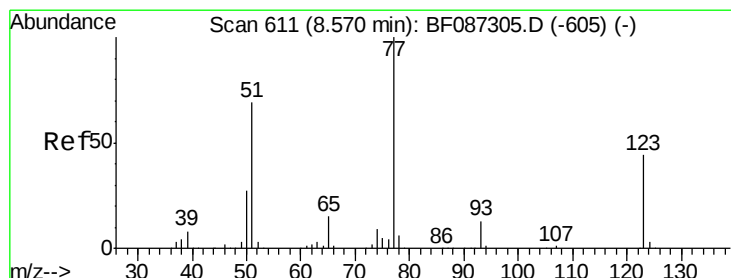
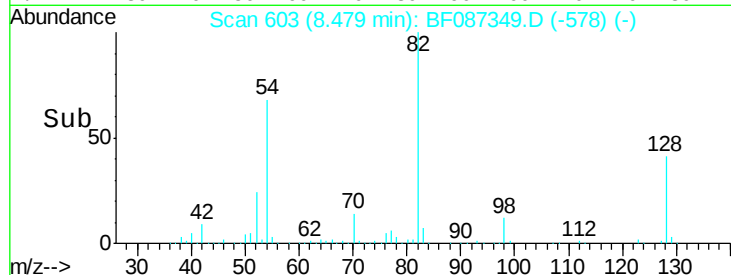
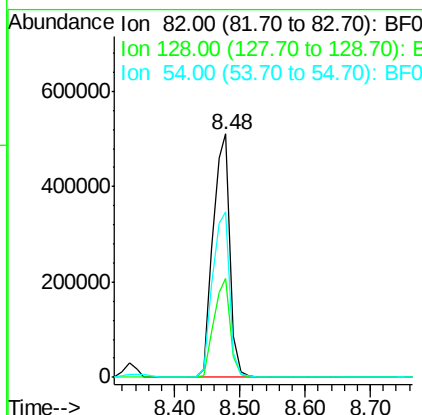
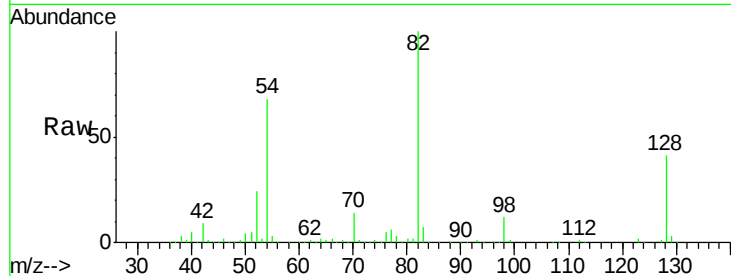




#23
 Nitrobenzene-d5
 Concen: 104.62 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

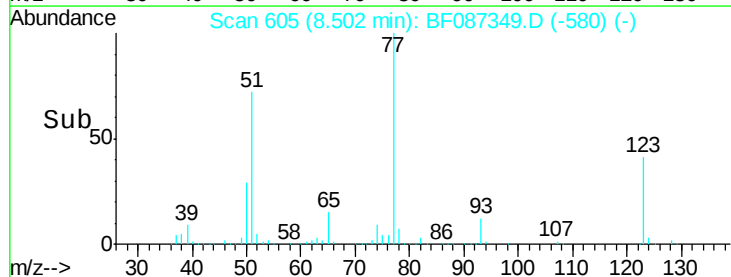
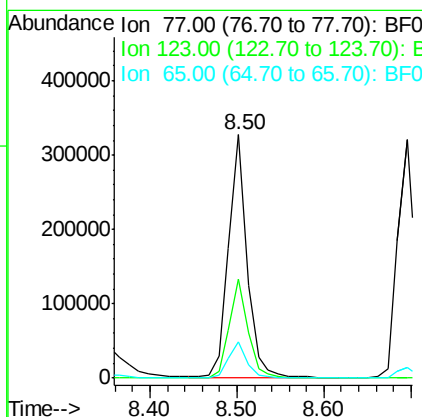
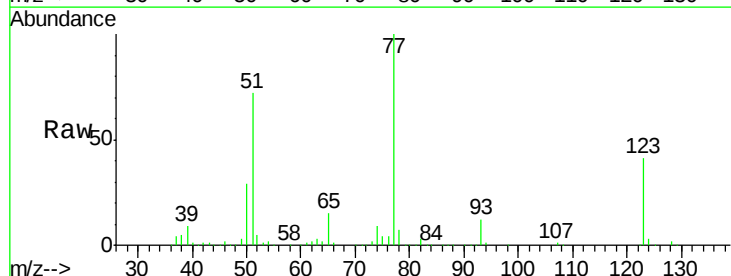
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tot 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. -0.01 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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

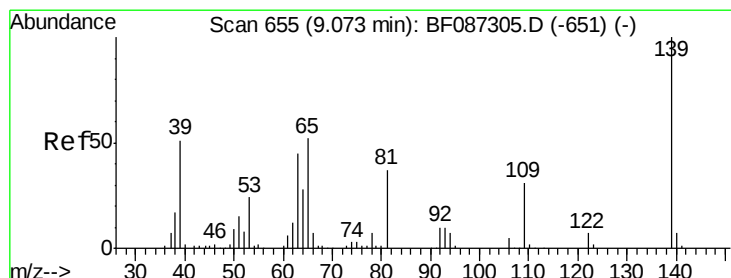
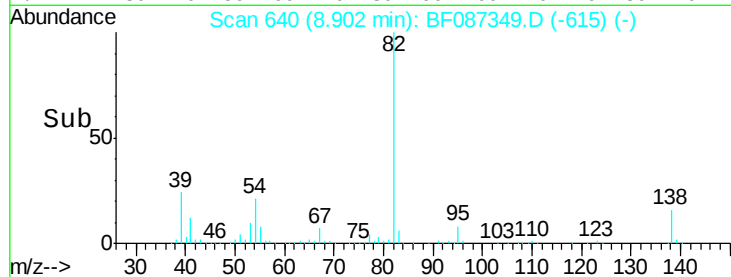
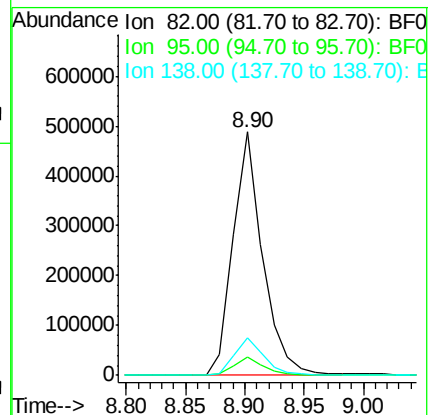
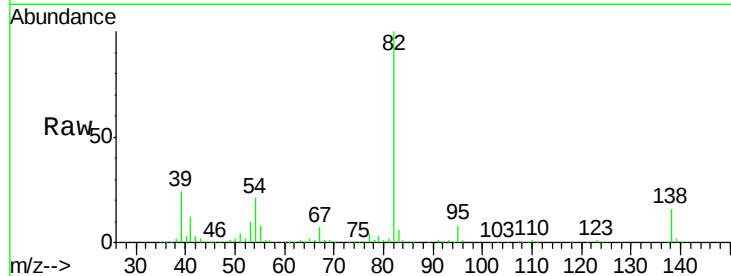
Tot Ion: 82 Resp: 849842

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

138 15.6 12.4 18.6



#26

2-Nitrophenol

Concen: 54.13 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

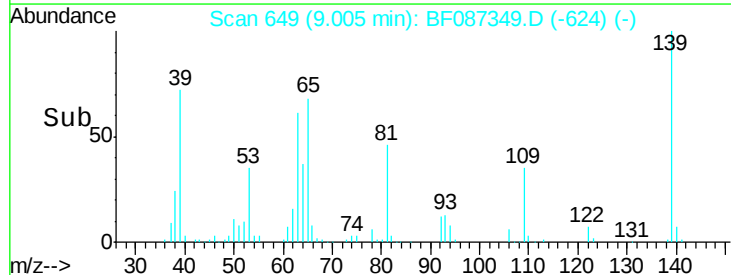
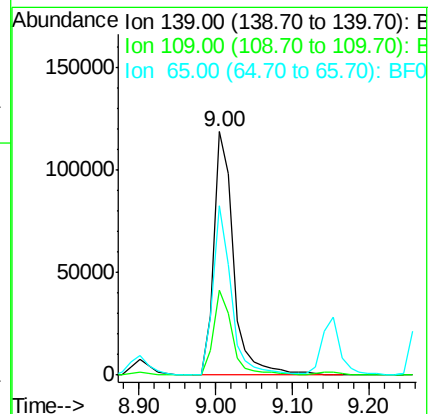
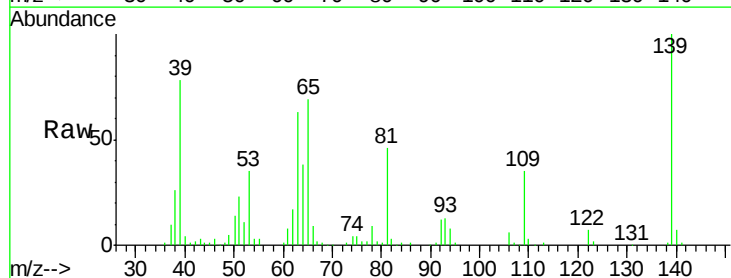
Tgt Ion: 139 Resp: 210146

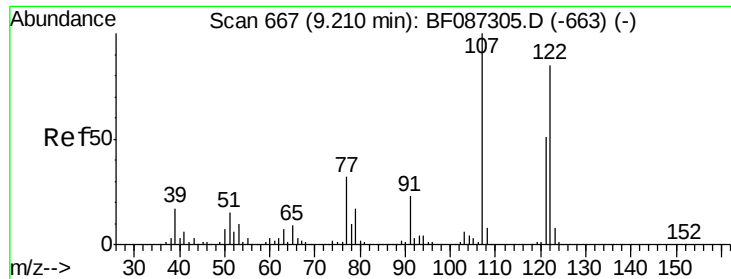
Ion Ratio Lower Upper

139 100

109 35.1 19.5 29.3#

65 69.4 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 53.14 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

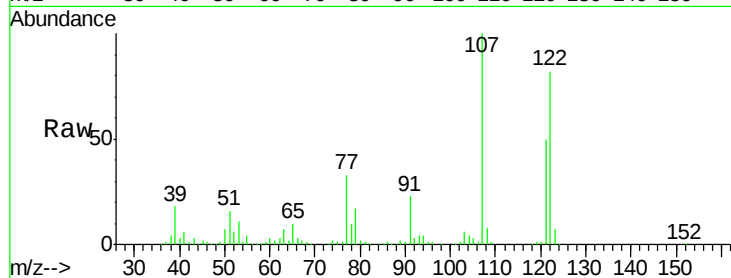
Tot Ion:122 Resp: 358170

Ion Ratio Lower Upper

122 100

107 122.0 82.0 123.0

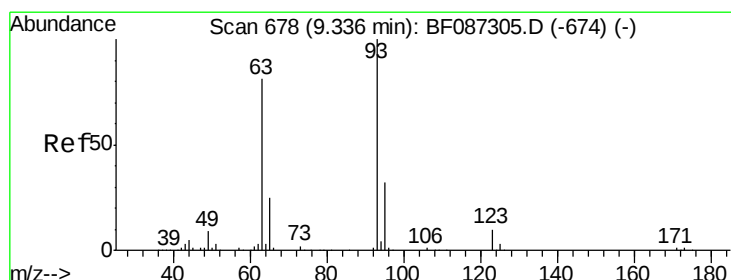
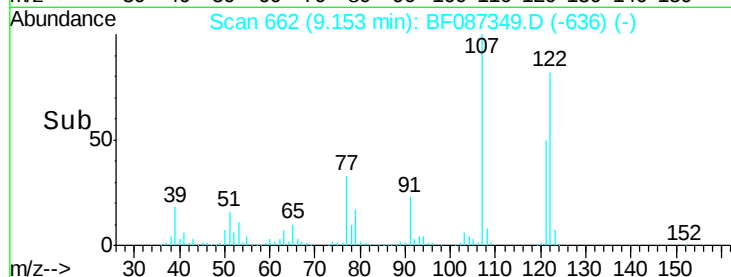
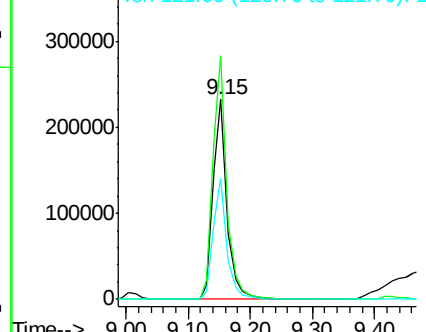
121 60.8 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.71 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

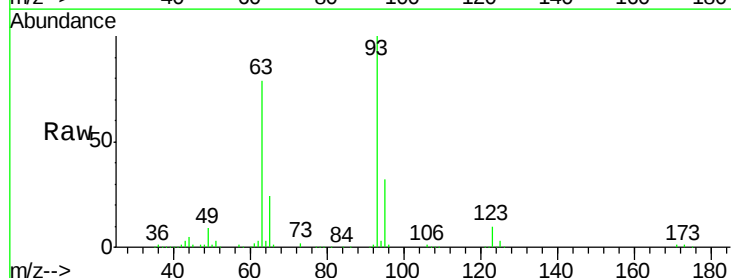
Tgt Ion: 93 Resp: 488227

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

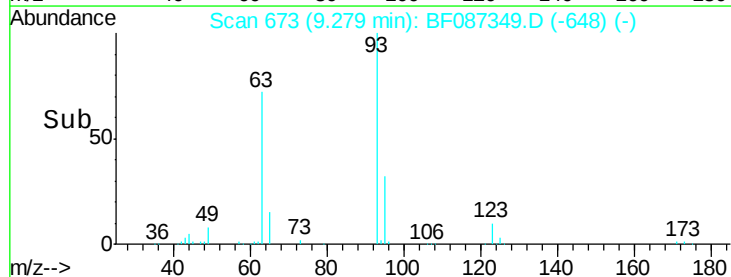
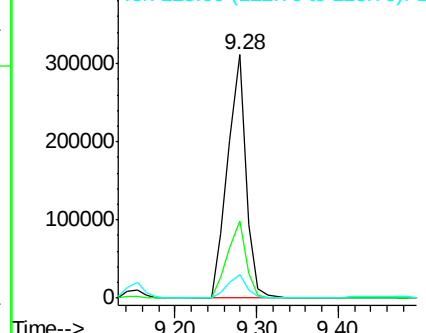
123 9.8 9.5 14.3

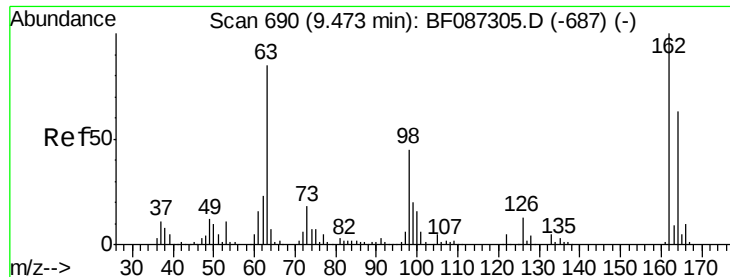


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

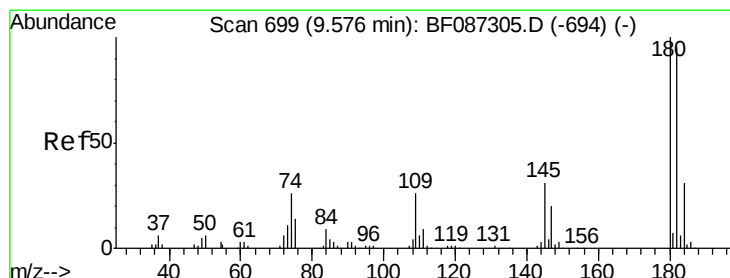
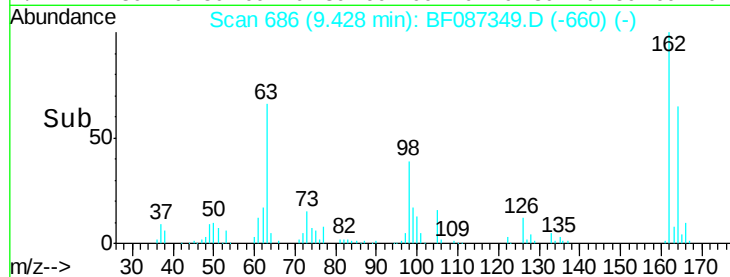
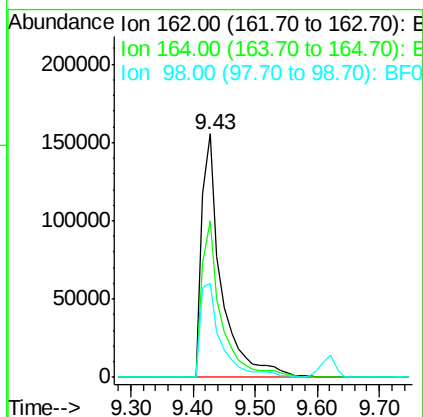
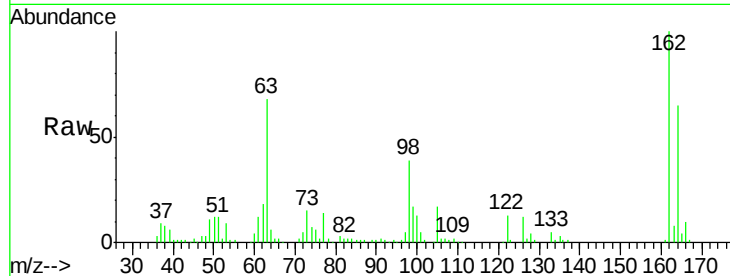




#29
 2,4-Dichlorophenol
 Concen: 55.85 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

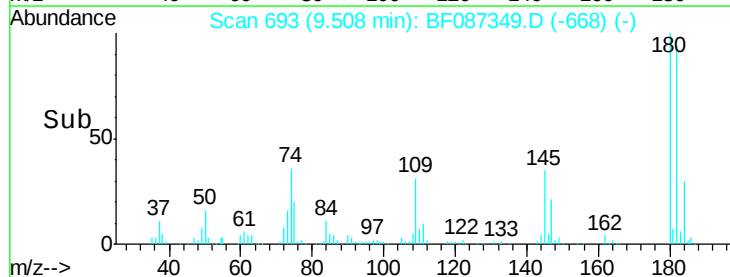
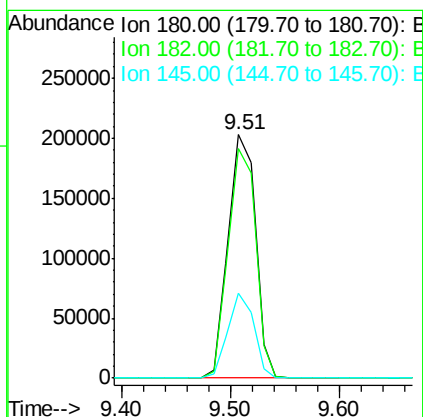
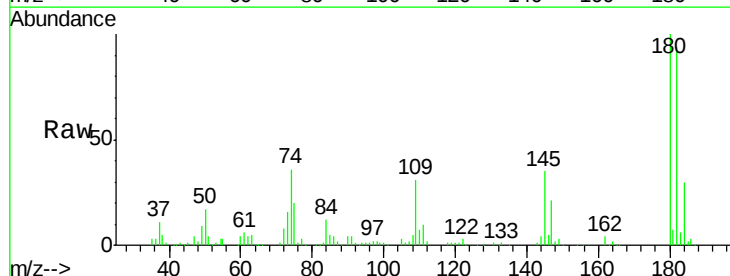
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

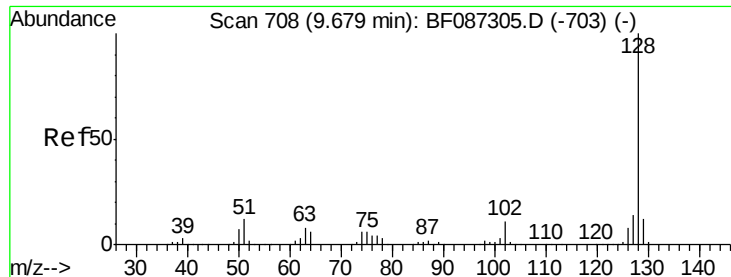
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	38.7	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 51.01 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 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

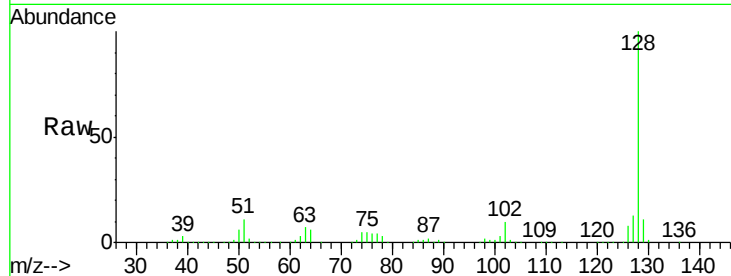




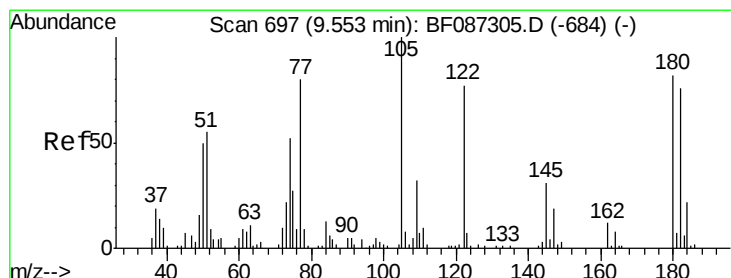
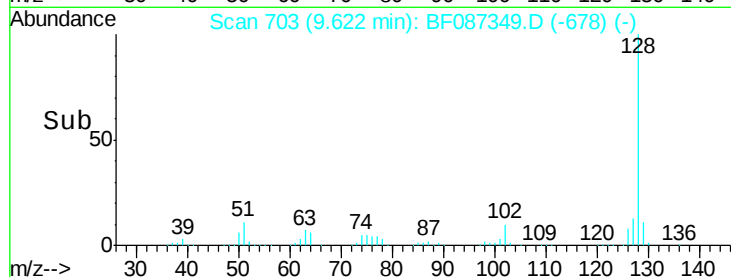
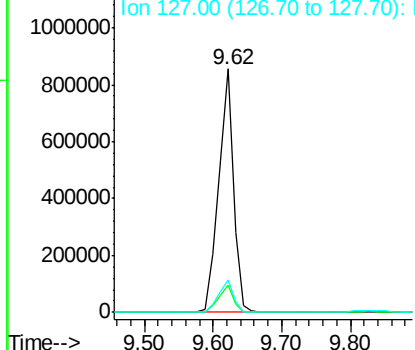
#31
Naphthalene
Concen: 57.89 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot Ion:128 Resp: 1315493
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.8 16.2

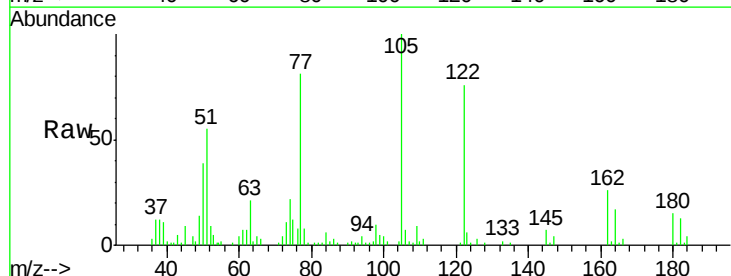


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

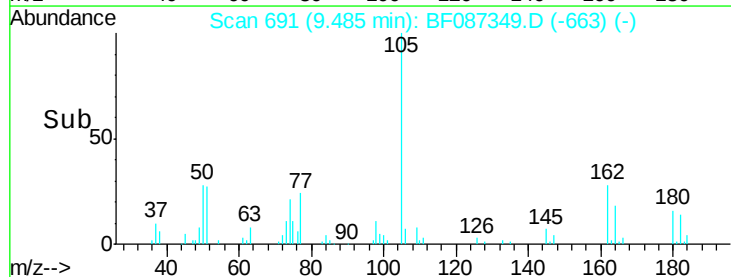
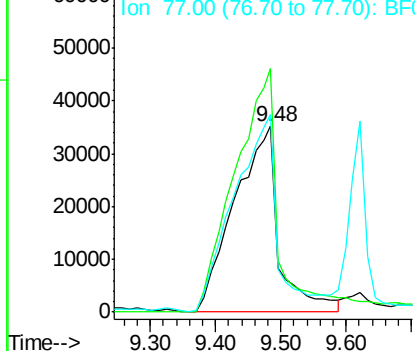


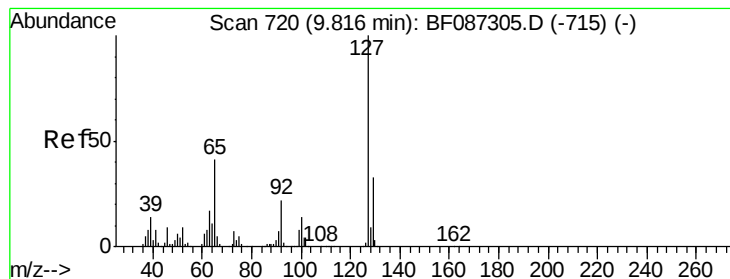
#32
Benzoic acid
Concen: 48.15 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

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. 0.03 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

Tot Ion:127 Resp: 28278

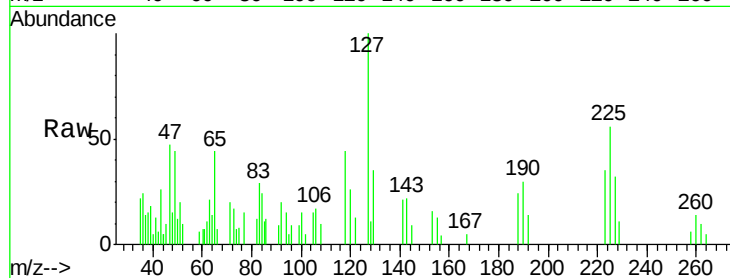
Ion Ratio Lower Upper

127 100

129 34.8 26.2 39.4

65 43.6 23.0 34.4#

92 19.5 15.1 22.7

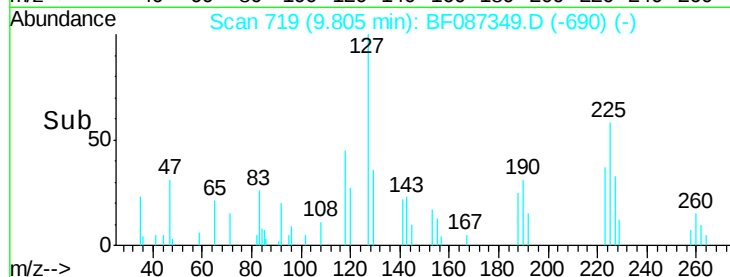


Abundance Ion 127.00 (126.70 to 127.70): E

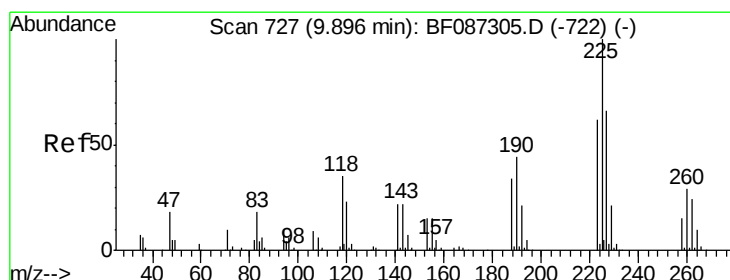
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 49.39 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

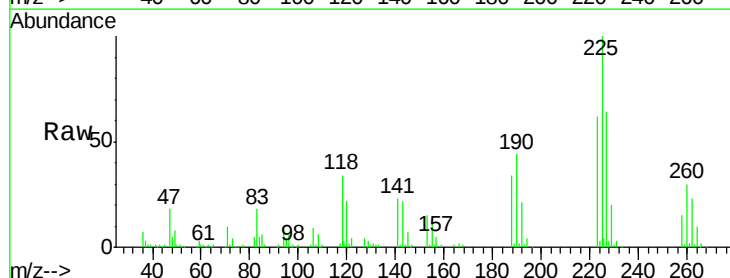
Tgt Ion:225 Resp: 208766

Ion Ratio Lower Upper

225 100

223 61.7 51.5 77.3

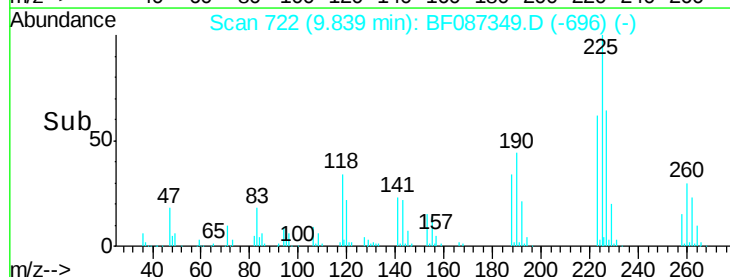
227 64.1 52.2 78.2



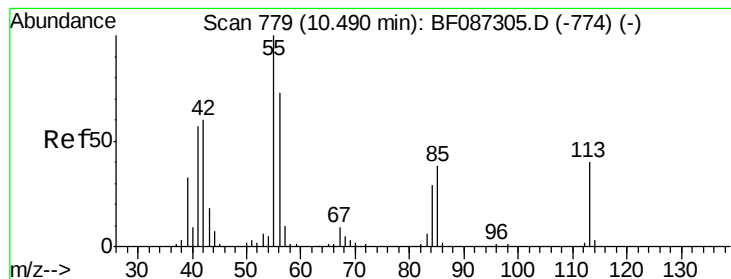
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 51.86 ng/mL

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

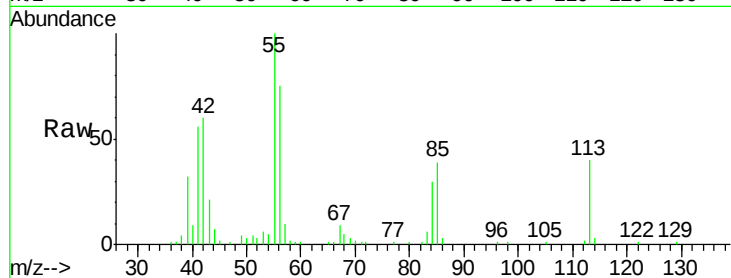
Tot Ion:113 Resp: 91933

Ion Ratio Lower Upper

113 100

55 248.9 162.0 202.0#

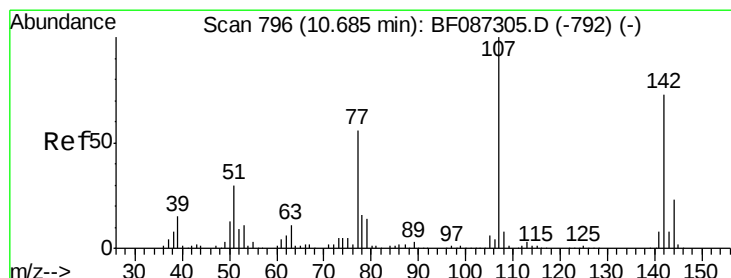
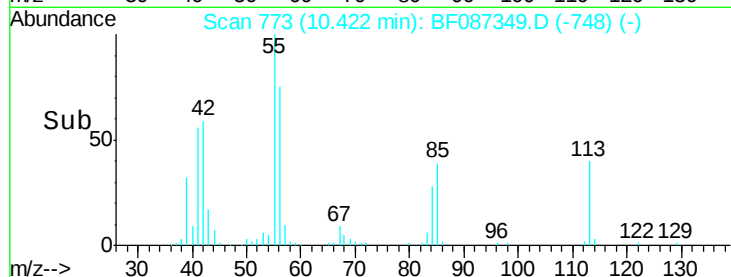
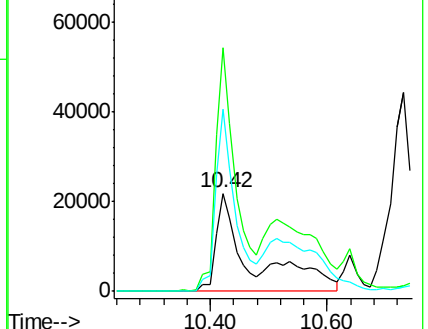
56 185.9 115.3 155.3#



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/mL

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

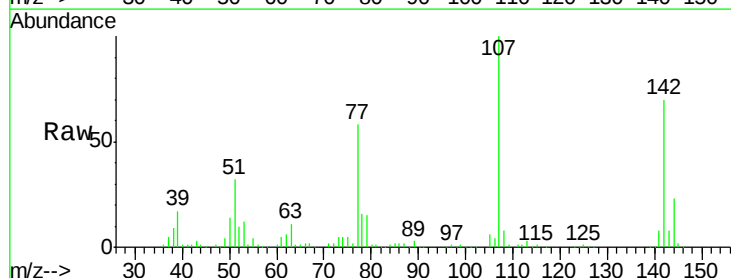
Tgt Ion:107 Resp: 383123

Ion Ratio Lower Upper

107 100

144 22.9 20.7 31.1

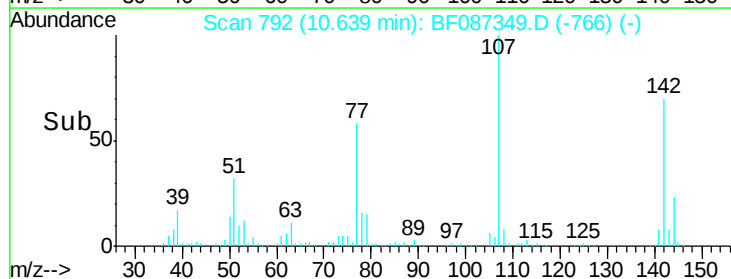
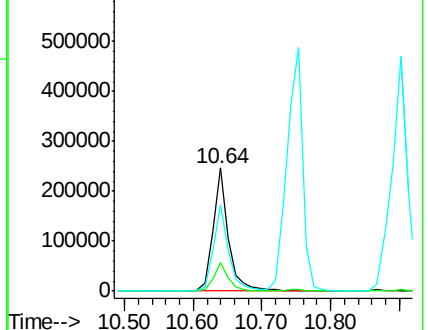
142 70.2 63.2 94.8

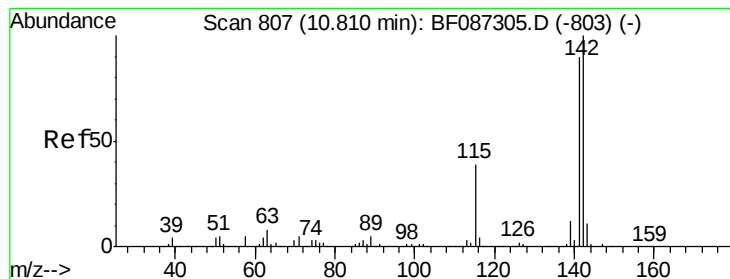


Abundance Ion 107.00 (106.70 to 107.70): E

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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

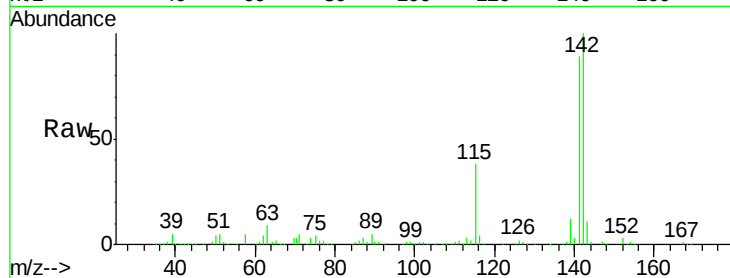
Tot Ion:142 Resp: 790232

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

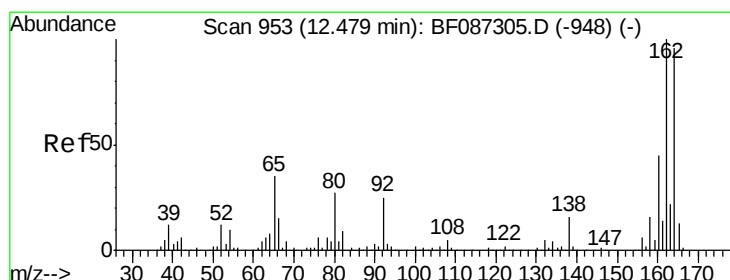
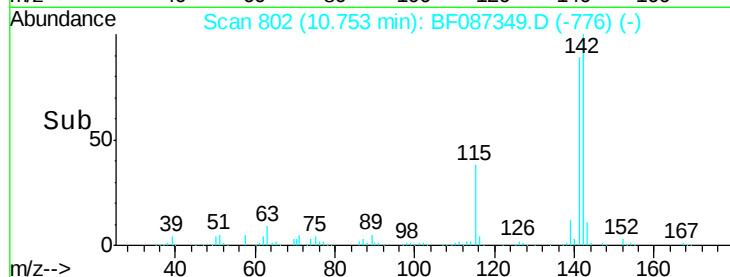
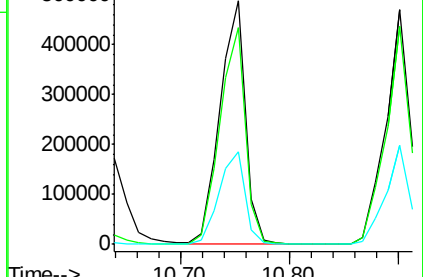
115 38.1 26.6 39.8



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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

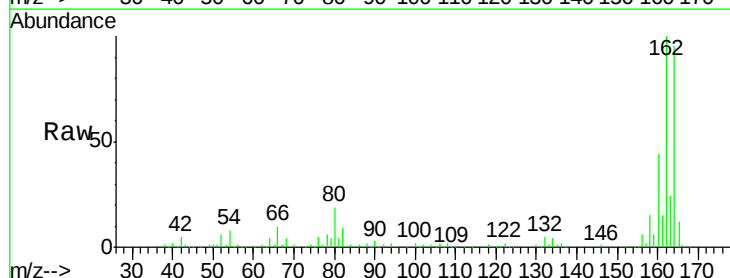
Tgt Ion:164 Resp: 222680

Ion Ratio Lower Upper

164 100

162 105.3 82.8 124.2

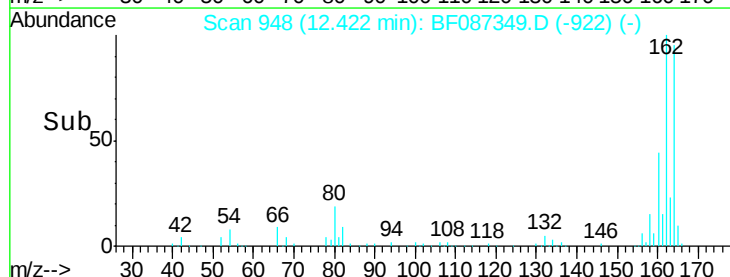
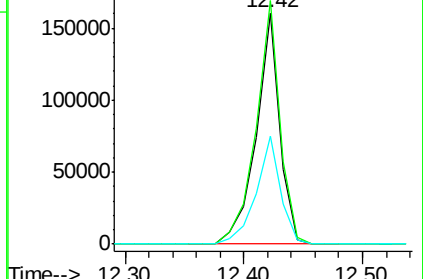
160 46.5 36.9 55.3

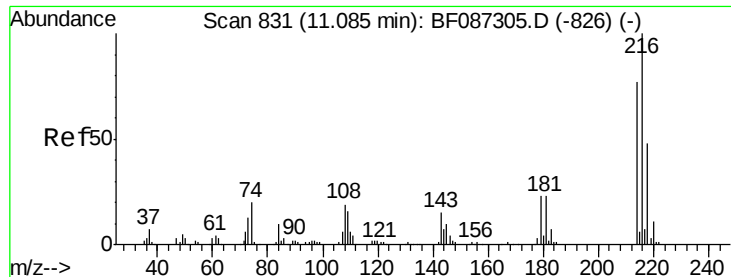


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

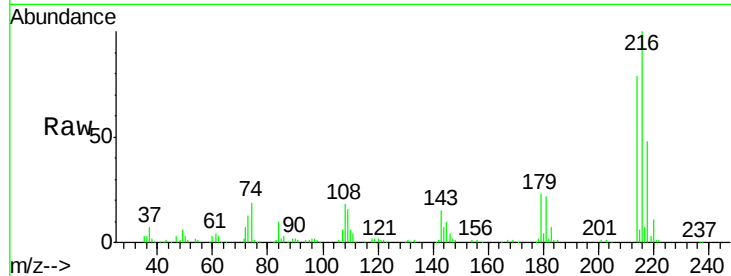




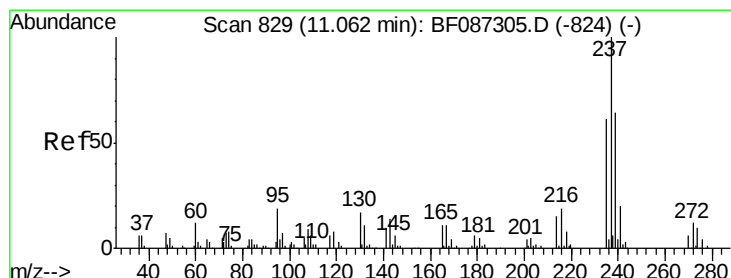
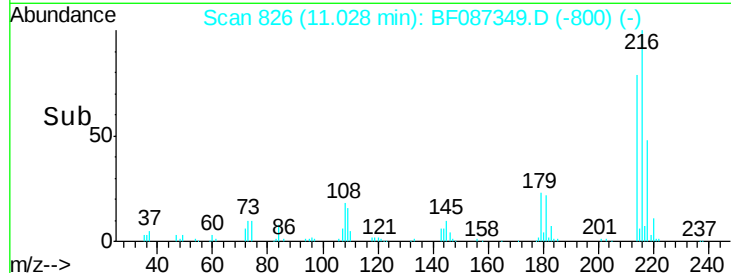
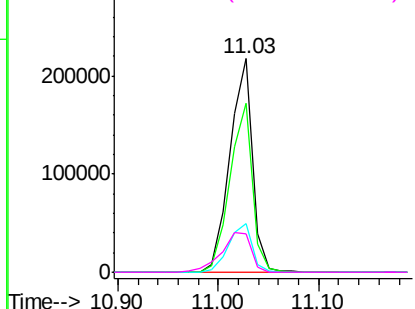
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.48 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tot 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

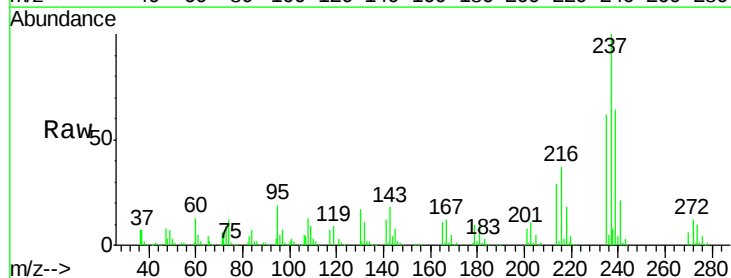


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

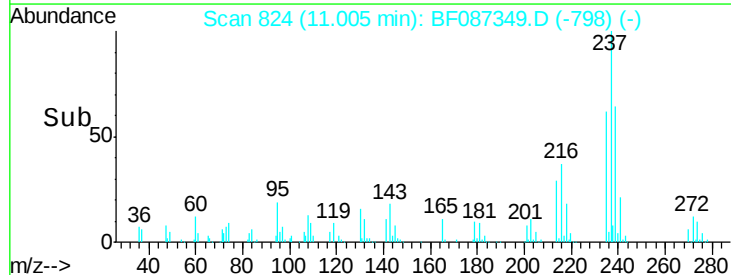
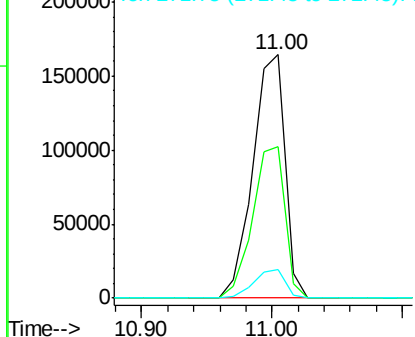


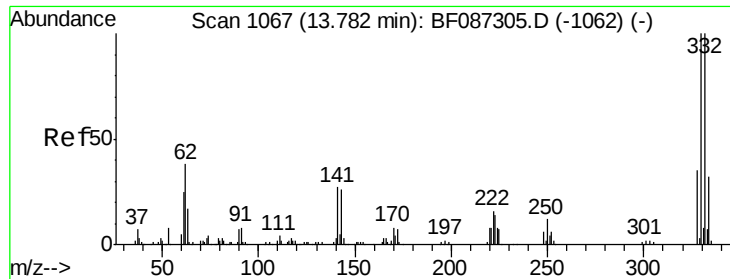
#40
 Hexachlorocyclopentadiene
 Concen: 94.68 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

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

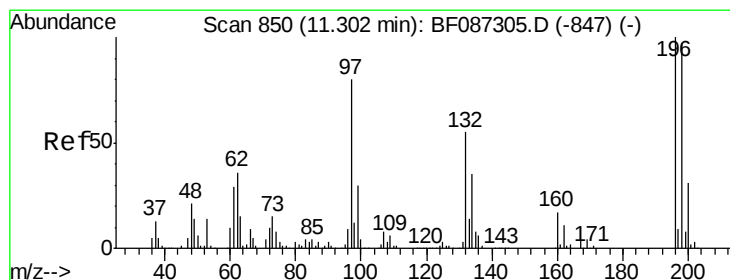
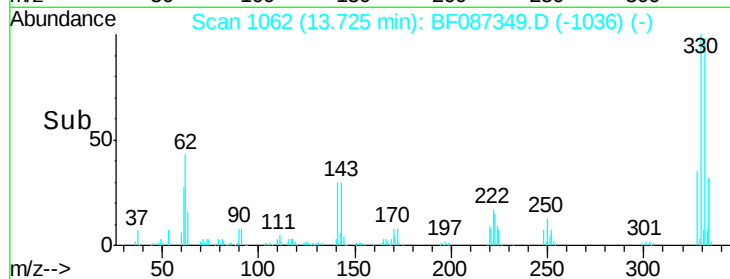
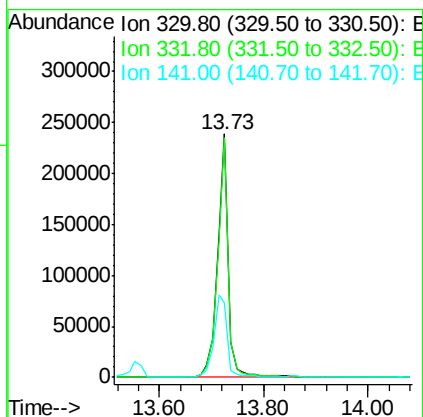
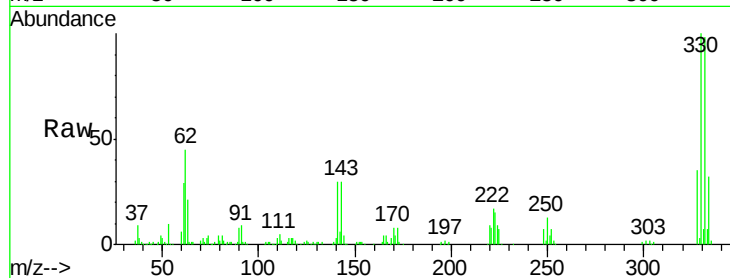




#41
 2,4,6-Tribromophenol
 Concen: 160.56 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

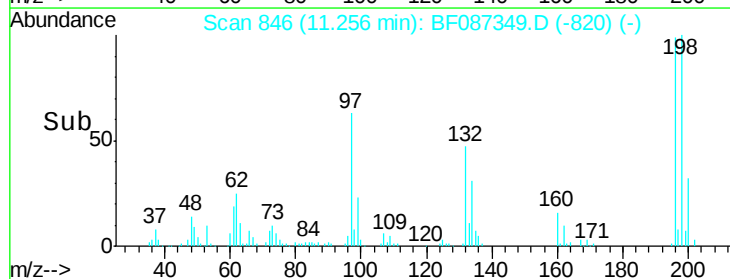
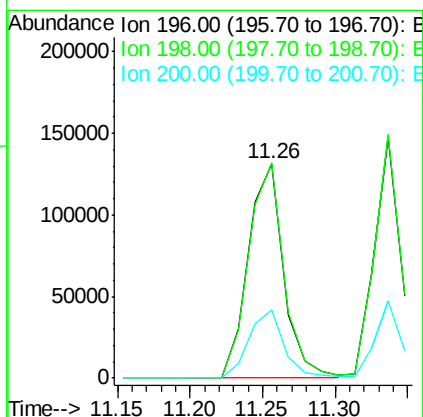
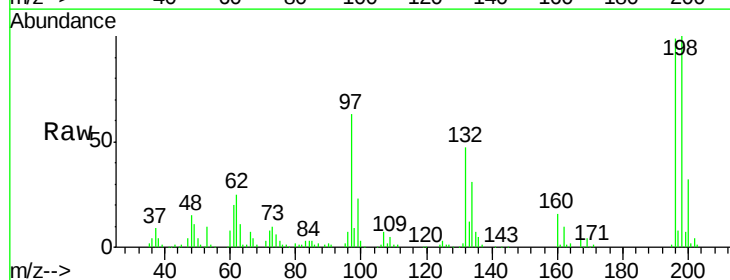
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

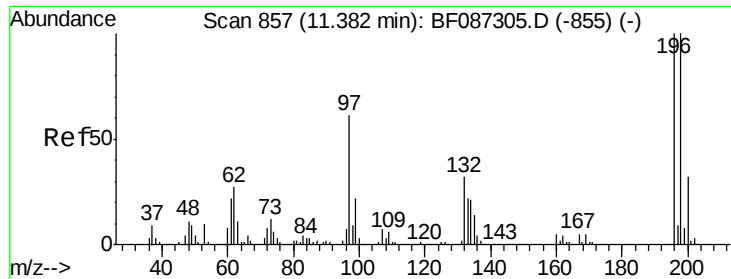
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	41.9	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 54.11 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 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

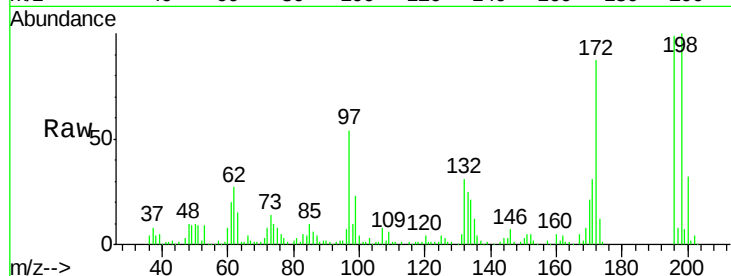




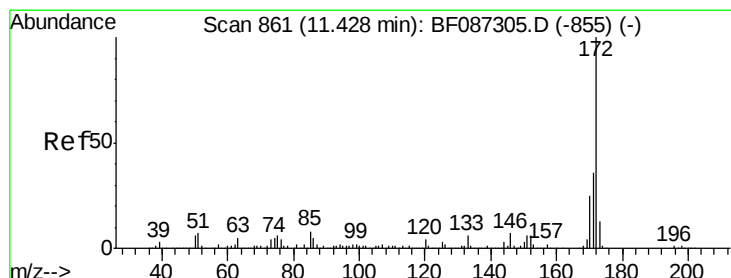
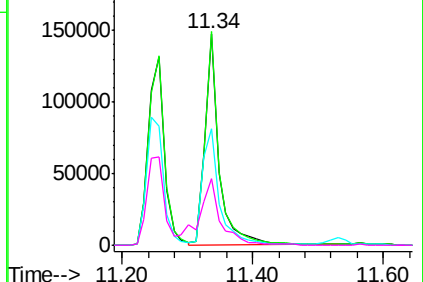
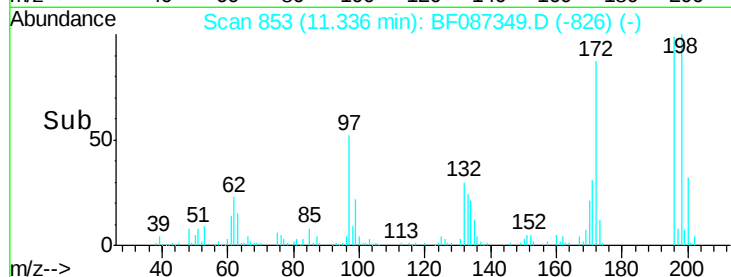
#43
 2,4,5-Trichlorophenol
 Concen: 52.68 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tot 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

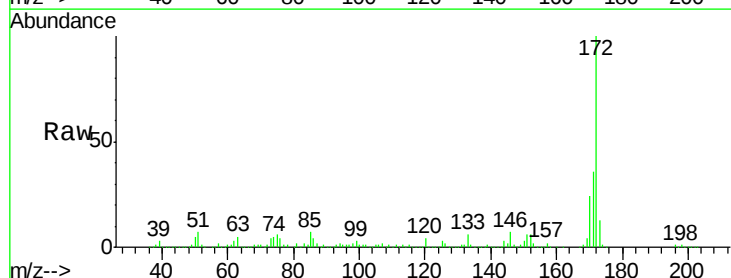


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

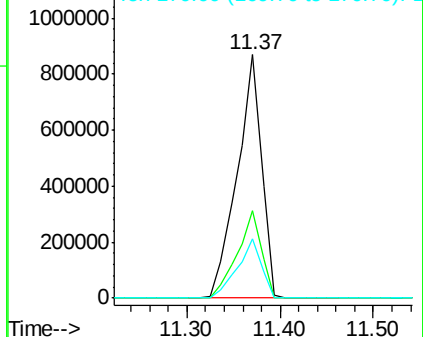
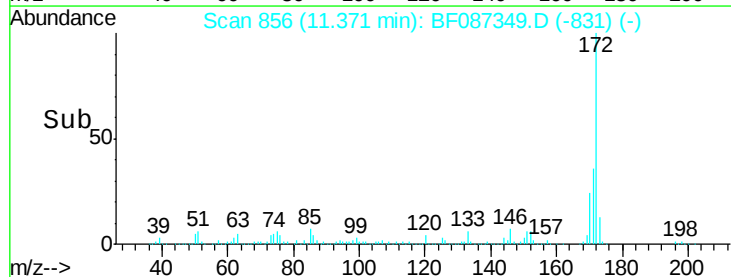


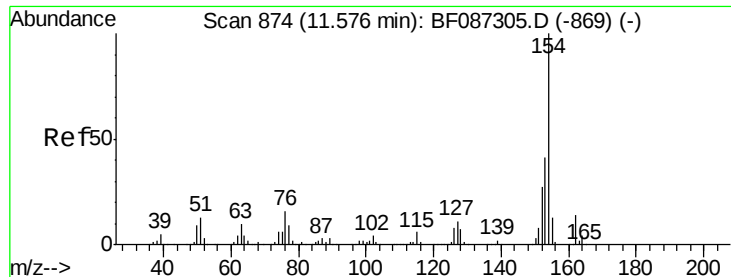
#44
 2-Fluorobiphenyl
 Concen: 100.14 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

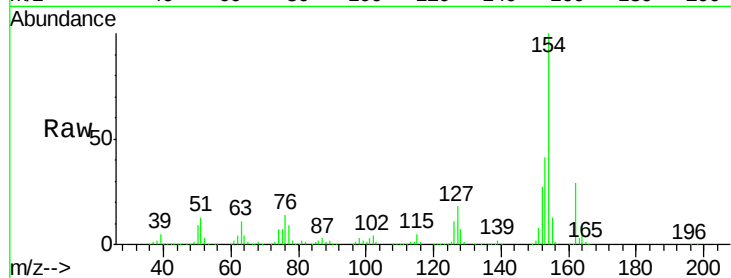
Tot Ion:154 Resp: 958504

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

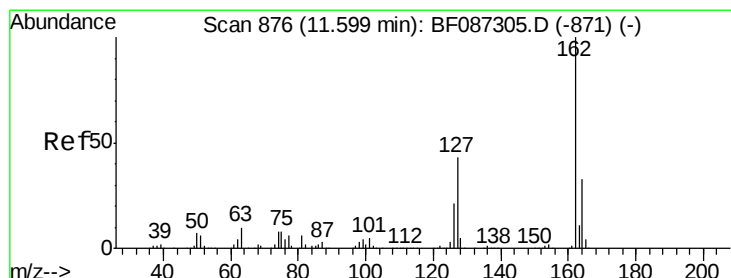
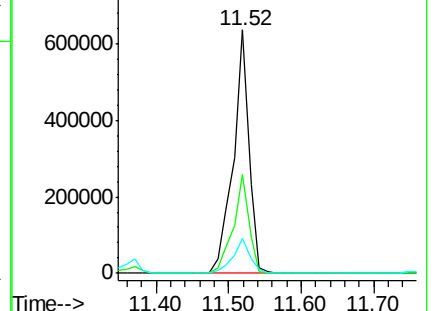
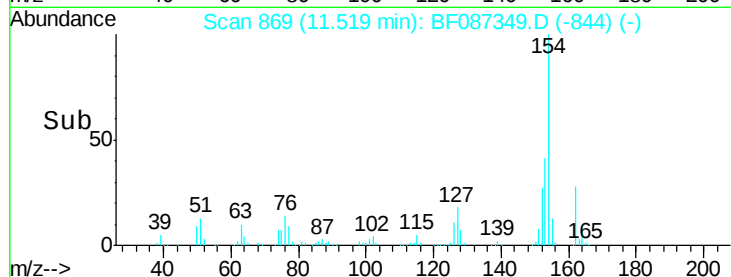
76 14.3 0.0 30.2



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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

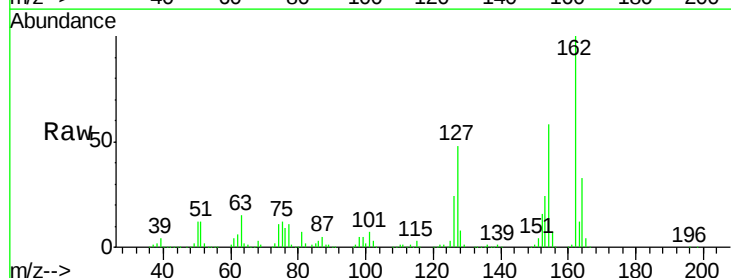
Tgt Ion:162 Resp: 714912

Ion Ratio Lower Upper

162 100

127 48.5 31.8 47.6#

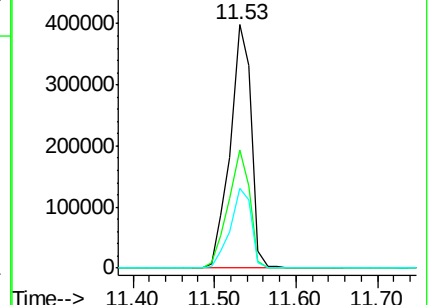
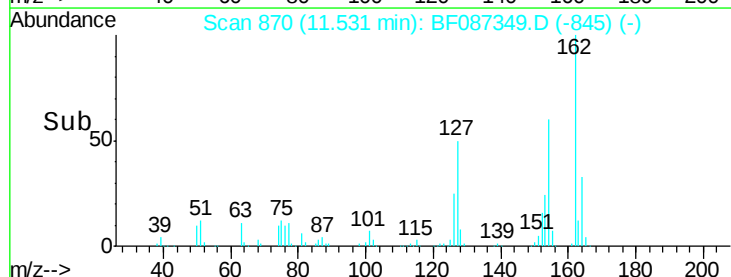
164 32.6 27.0 40.6

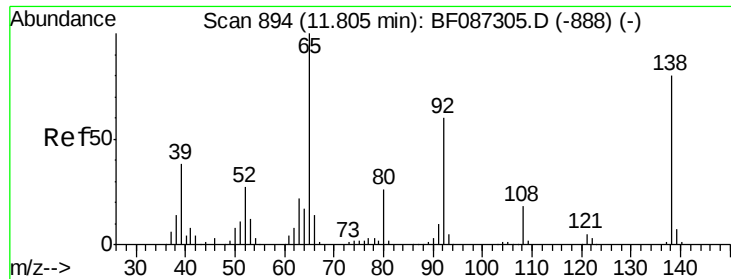


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

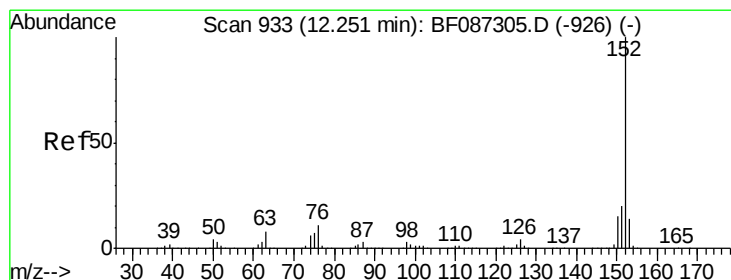
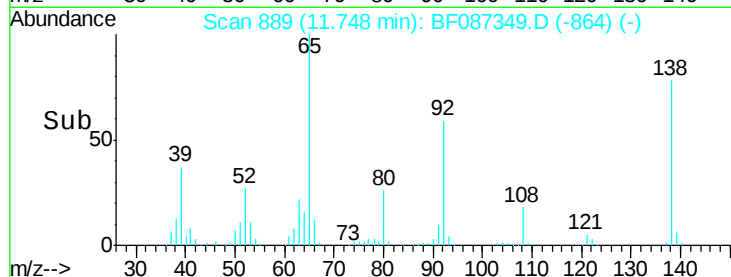
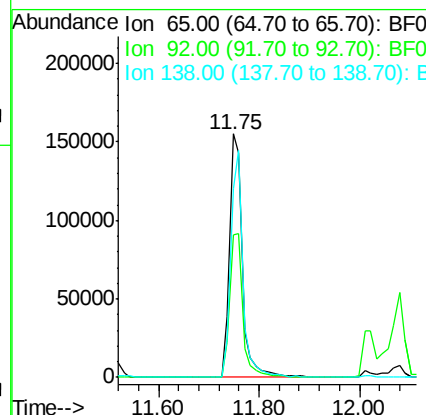
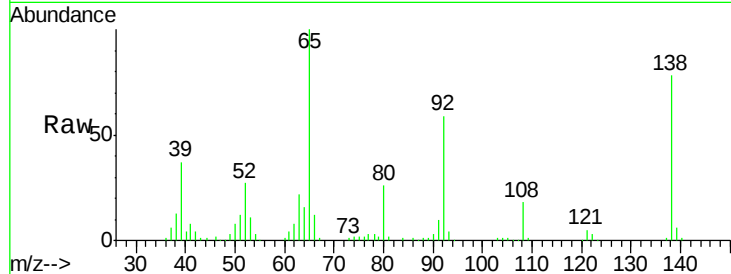




#47
2-Nitroaniline
Concen: 53.75 ng
RT: 11.75 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

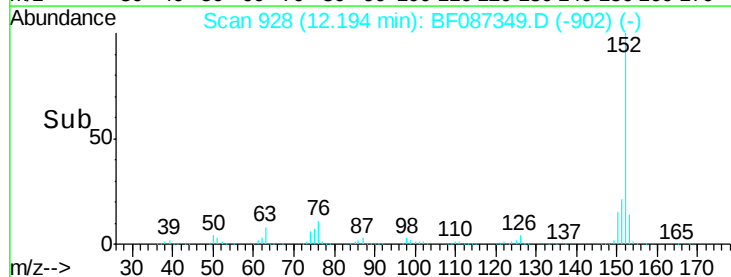
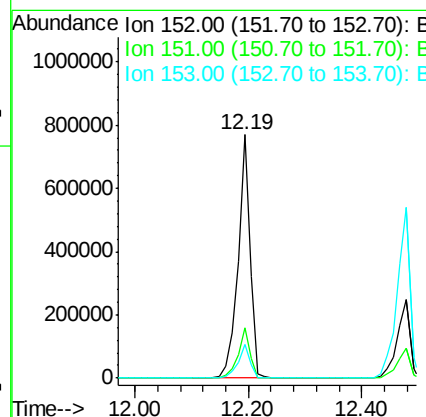
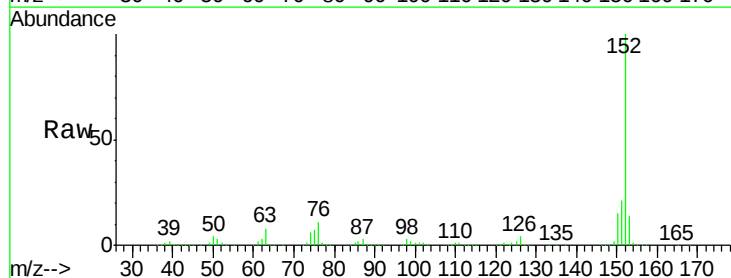
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

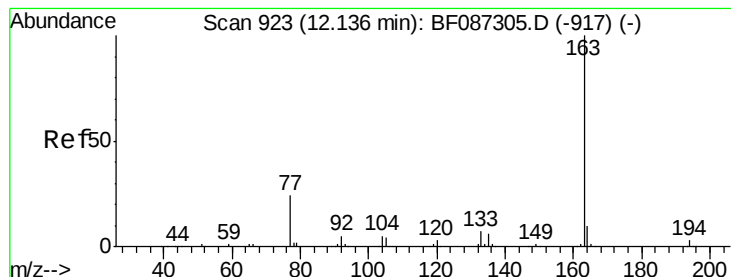
Tot Ion: 65 Resp: 277747
Ion Ratio Lower Upper
65 100
92 58.8 57.4 86.2
138 77.6 90.1 135.1#



#48
Acenaphthylene
Concen: 50.74 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.00 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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

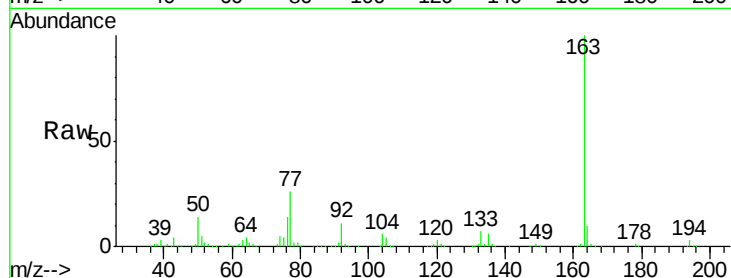
Tot Ion:163 Resp: 918198

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

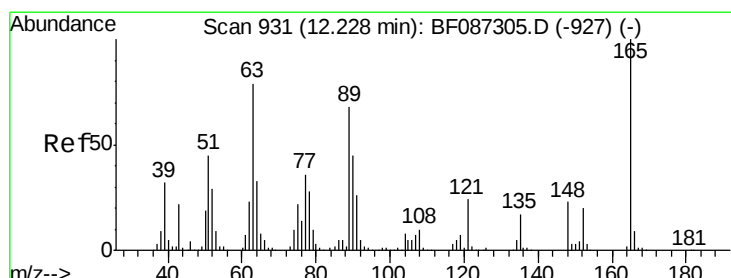
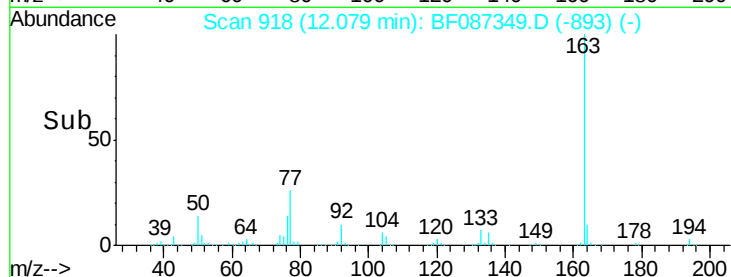
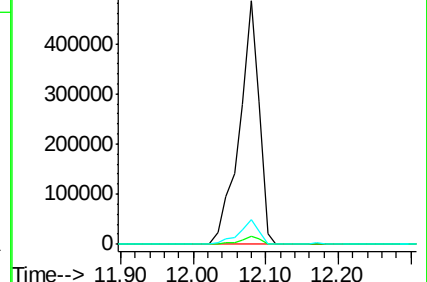
164 10.4 8.2 12.4



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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

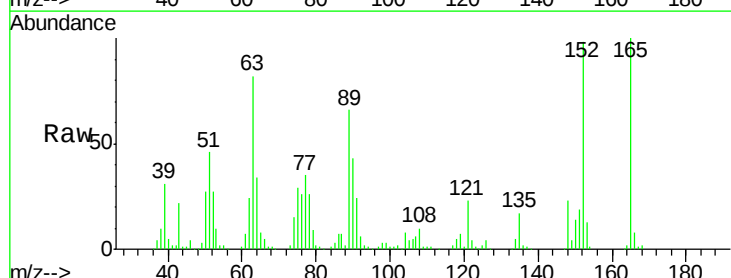
Tgt Ion:165 Resp: 193932

Ion Ratio Lower Upper

165 100

63 82.5 51.8 77.8#

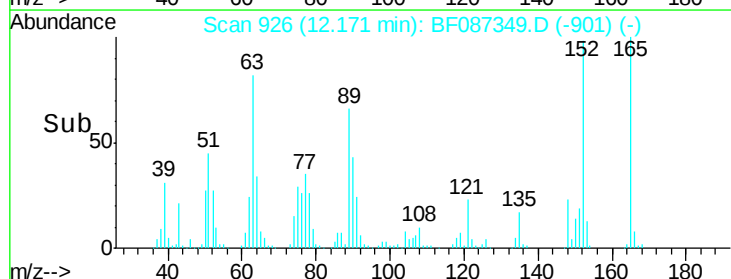
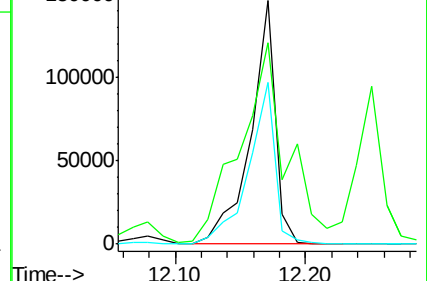
89 66.2 50.7 76.1

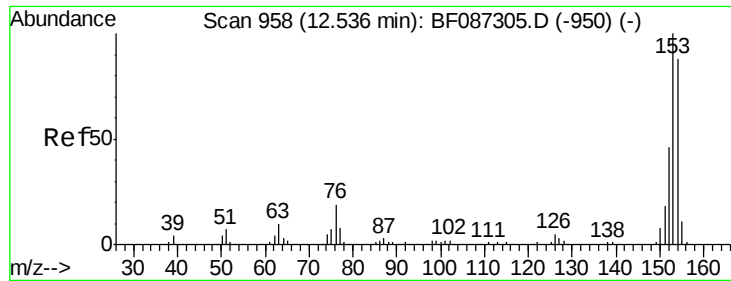


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

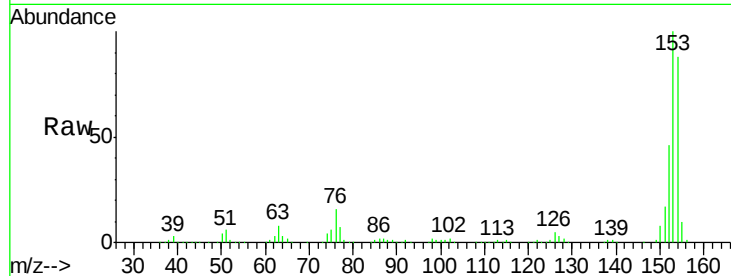
Tot Ion:154 Resp: 721636

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

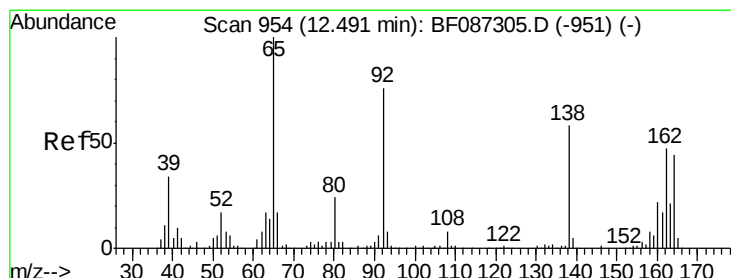
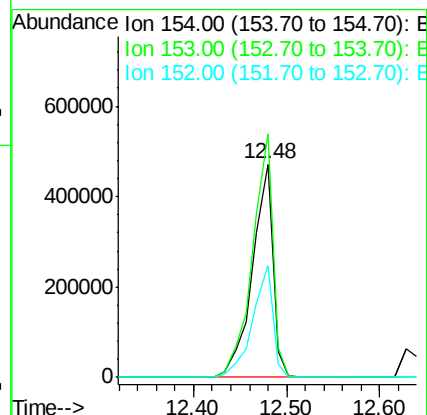
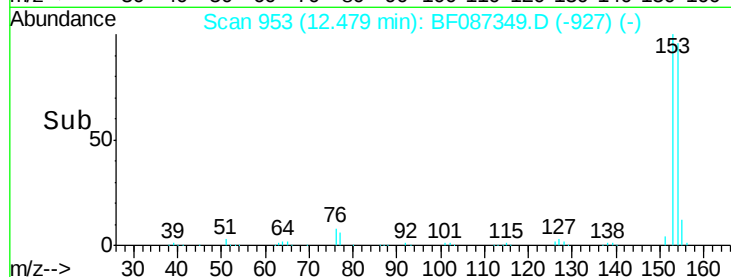
152 52.6 43.4 65.0



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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

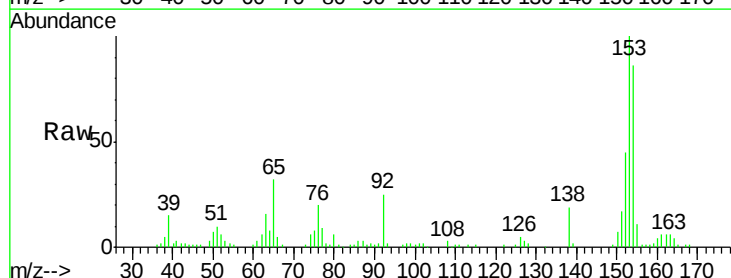
Tgt Ion:138 Resp: 32691

Ion Ratio Lower Upper

138 100

108 13.3 7.8 11.6#

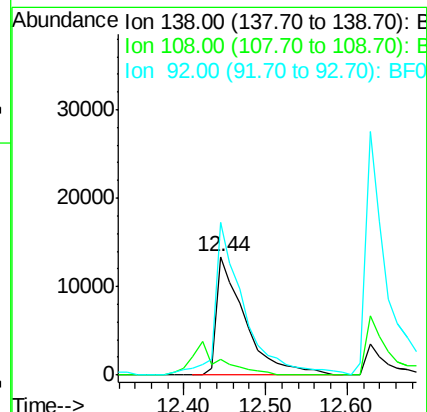
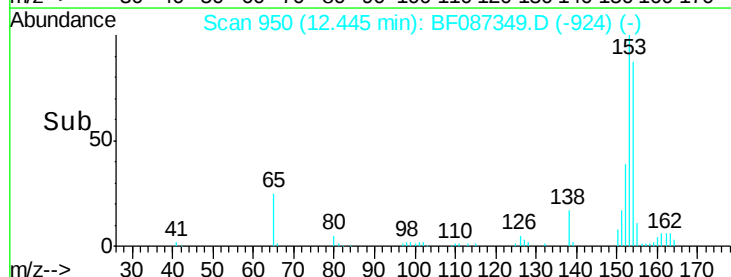
92 128.6 87.8 131.8

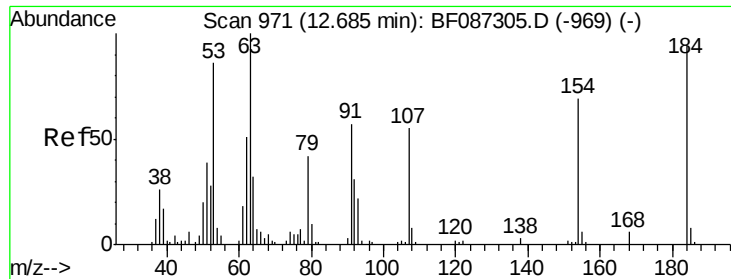


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

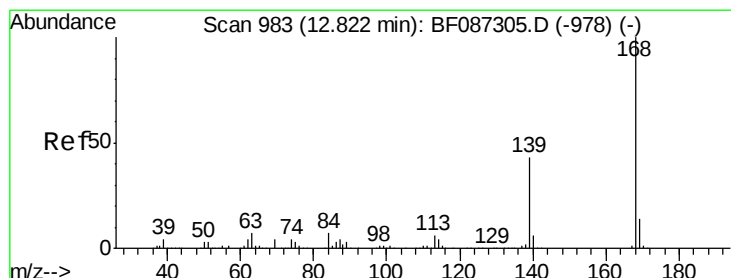
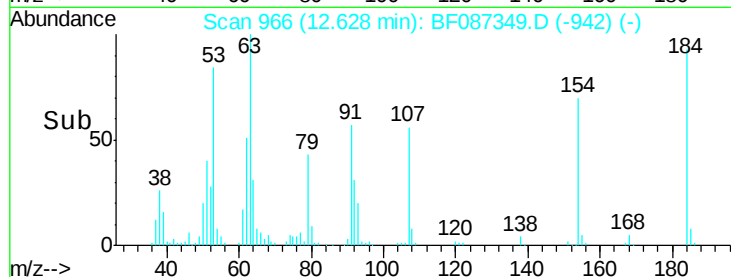
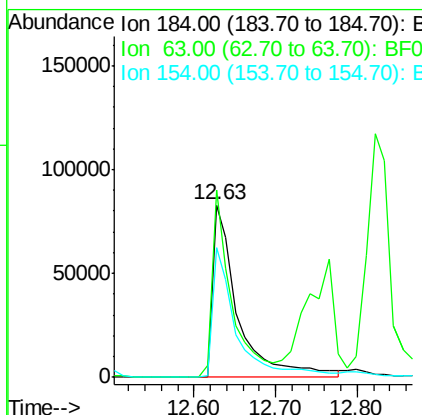
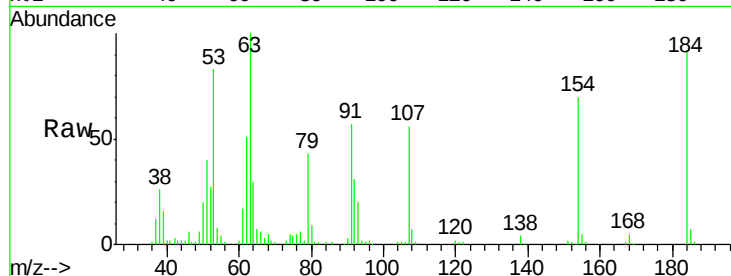




#53
2,4-Dinitrophenol
Concen: 95.22 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

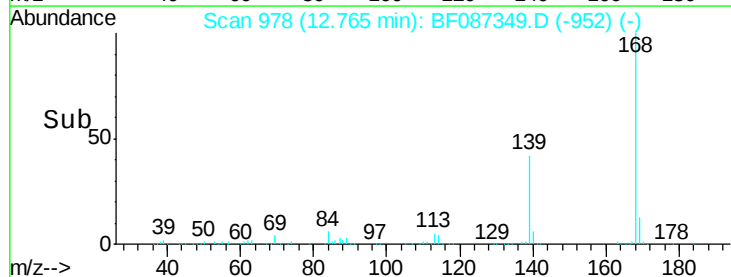
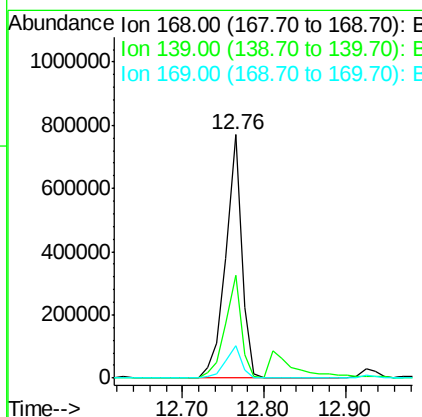
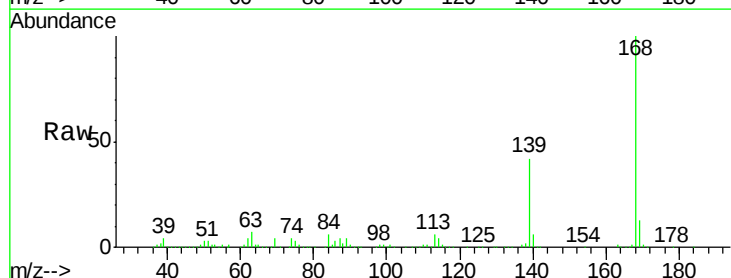
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot 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. -0.00 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

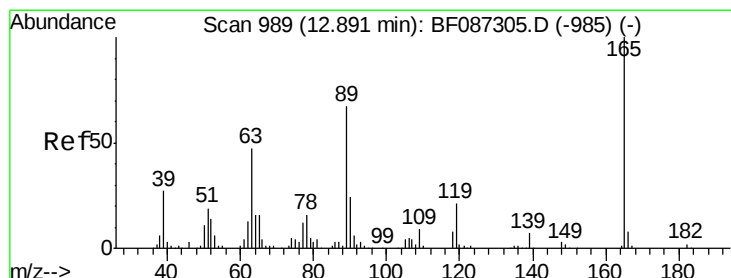
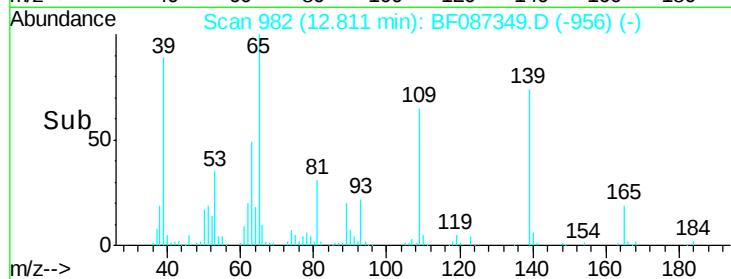
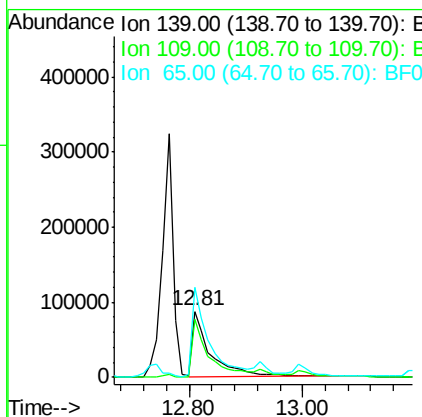
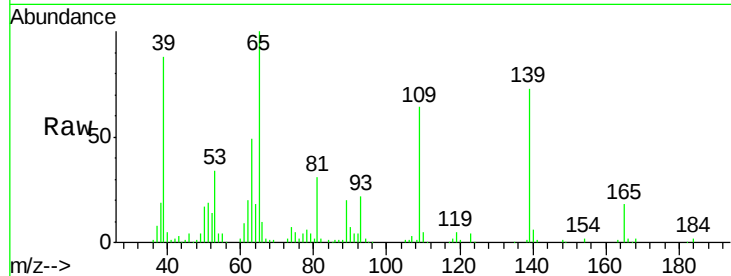




#55
4-Nitrophenol
Concen: 112.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

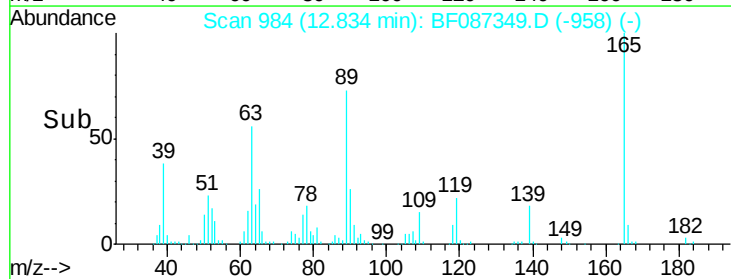
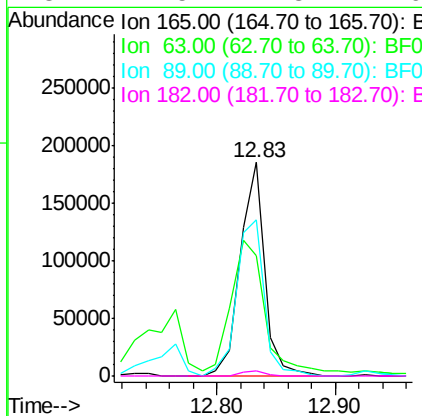
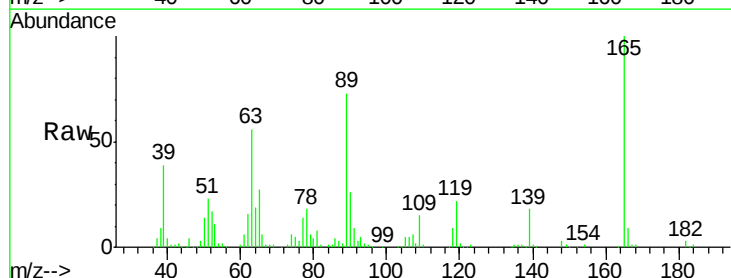
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

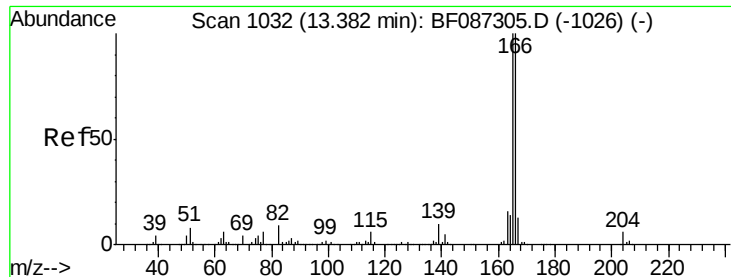
Tot Ion:139 Resp: 197645
Ion Ratio Lower Upper
139 100
109 87.6 36.9 76.9#
65 137.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 55.66 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.00 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. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

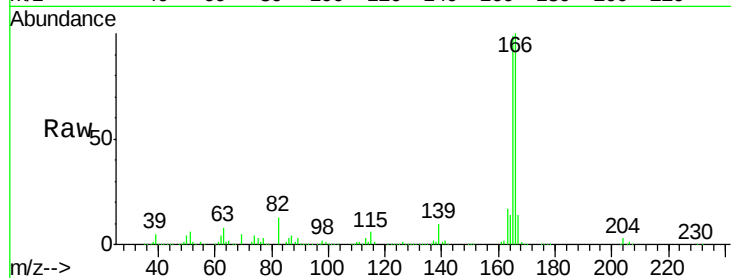
Tot Ion:166 Resp: 853765

Ion Ratio Lower Upper

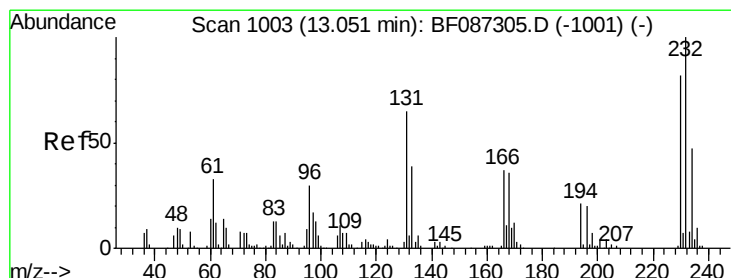
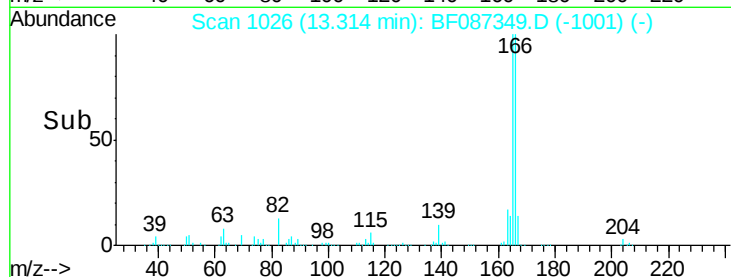
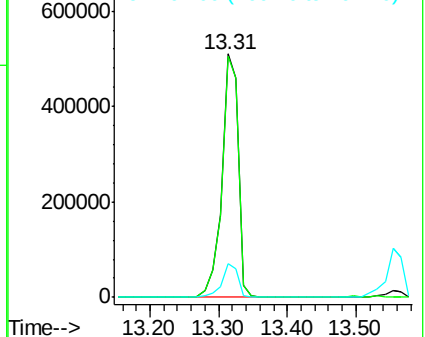
166 100

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: 63.85 ng

RT: 13.01 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Tgt Ion:232 Resp: 205781

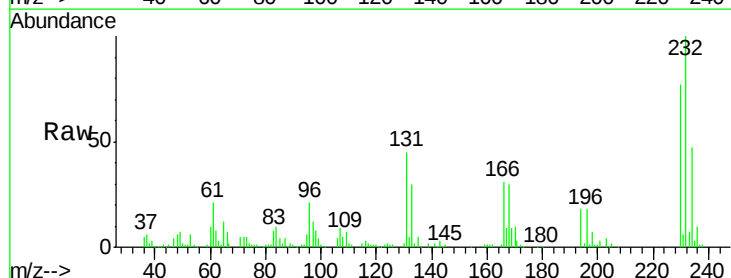
Ion Ratio Lower Upper

232 100

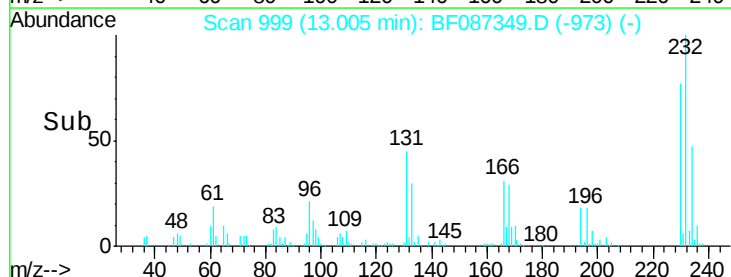
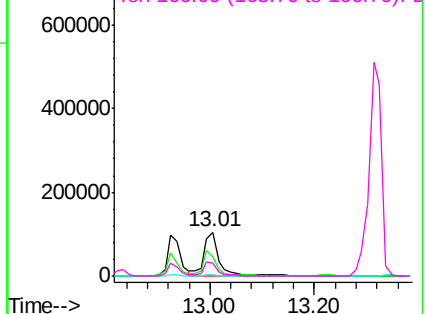
131 54.6 41.9 62.9

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

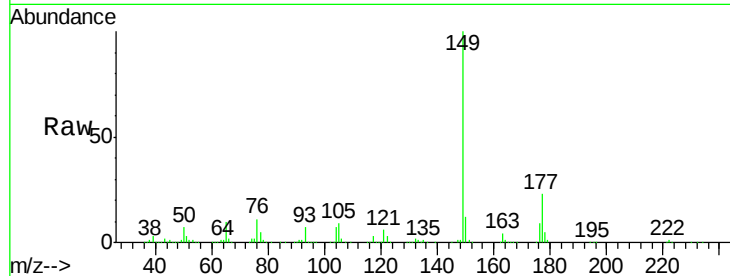




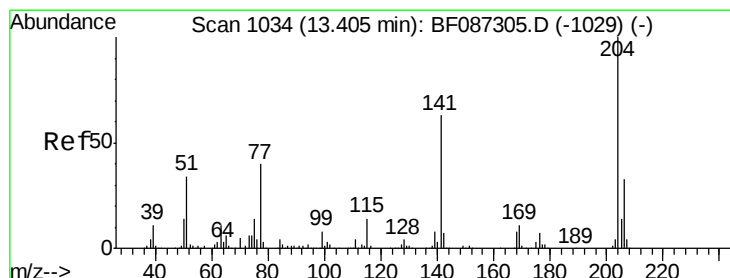
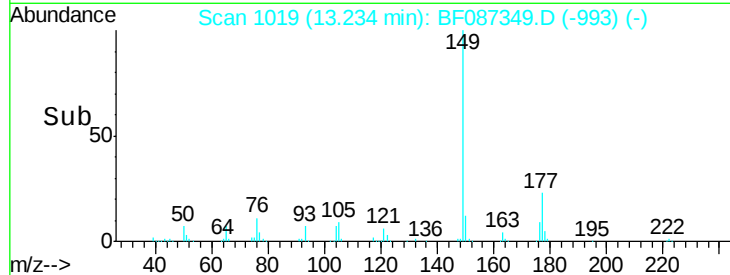
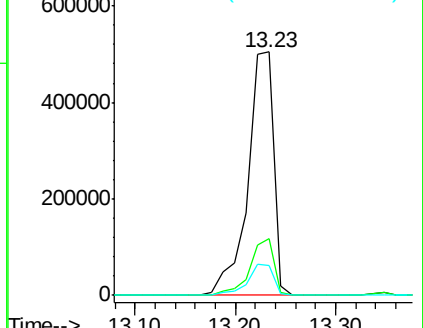
#59
Diethylphthalate
Concen: 52.23 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

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

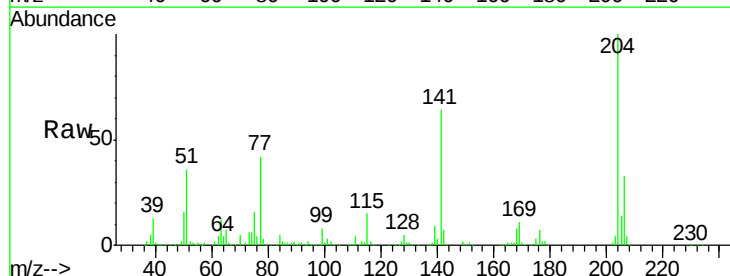


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

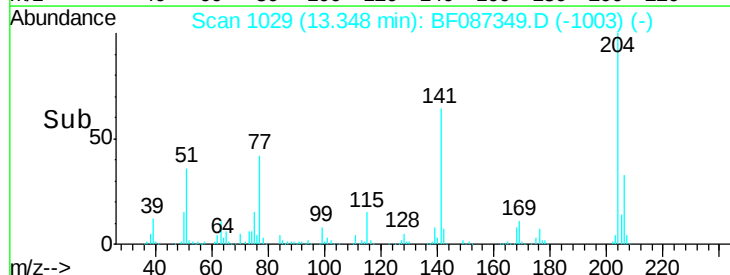
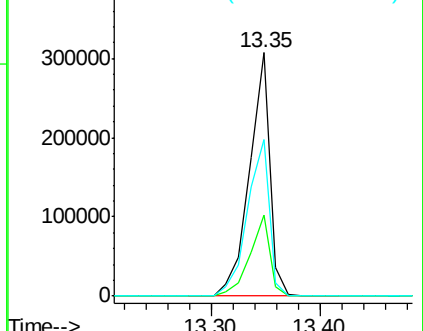


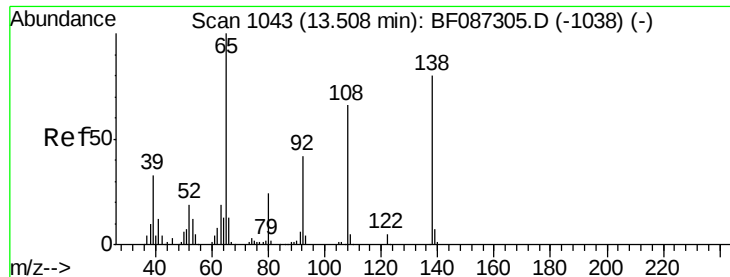
#60
4-Chlorophenyl-phenylether
Concen: 50.19 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

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

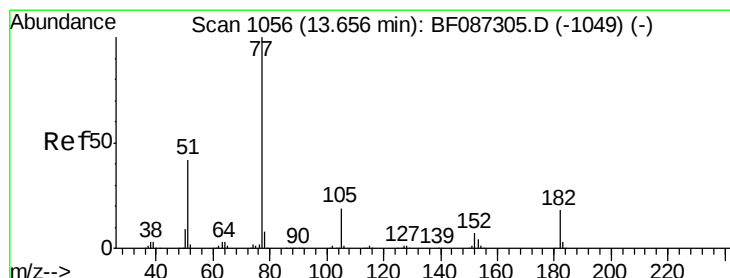
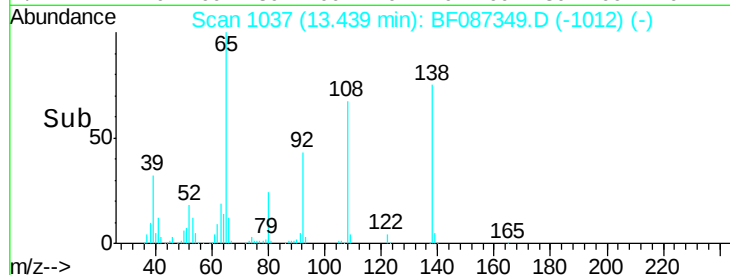
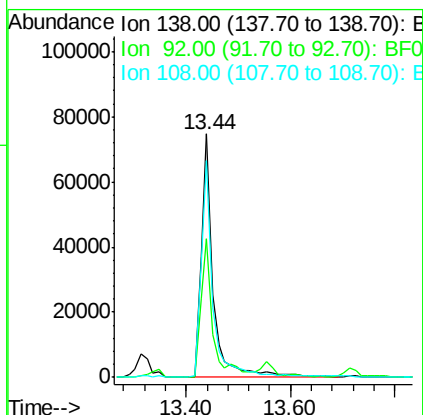
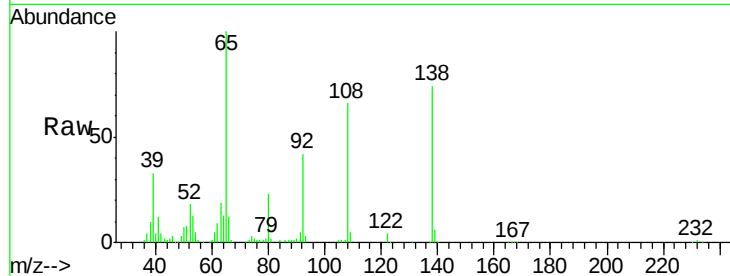




#61
4-Nitroaniline
Concen: 34.67 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

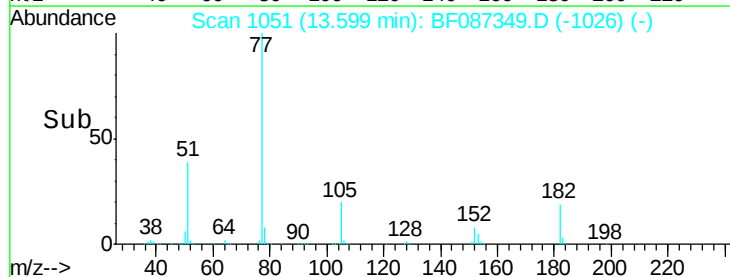
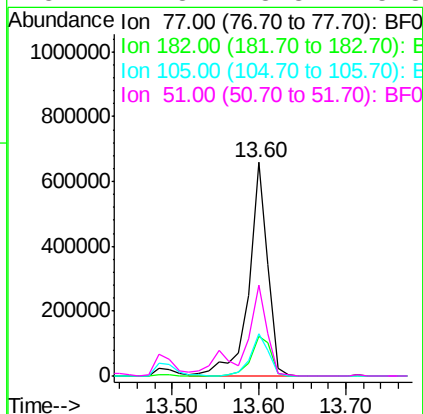
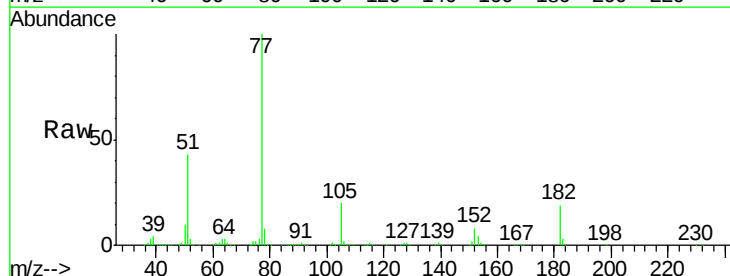
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot 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: 55.35 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion: 77 Resp: 995892
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

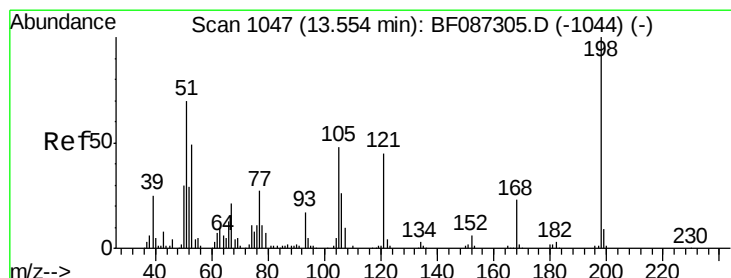
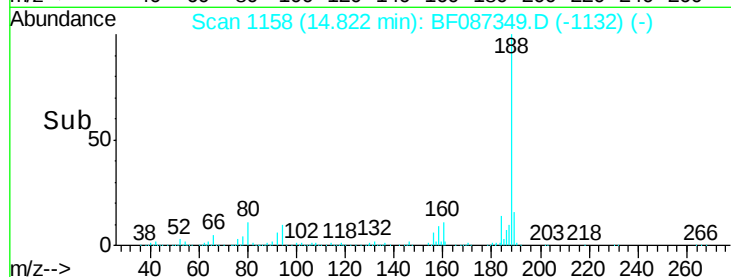
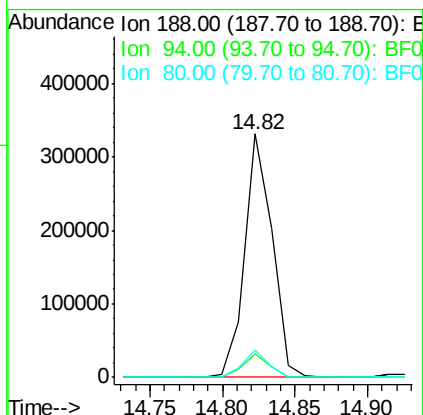
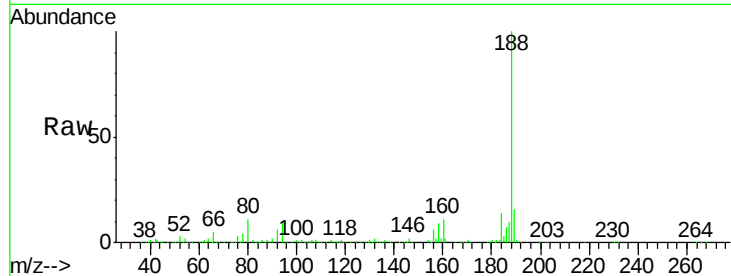




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

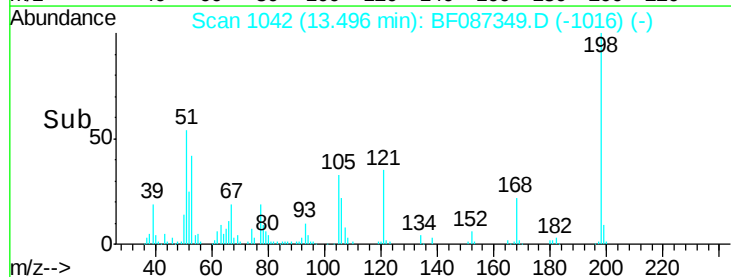
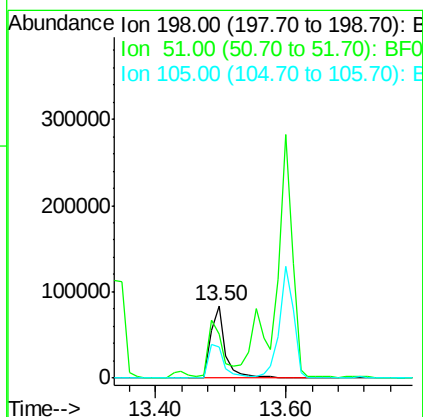
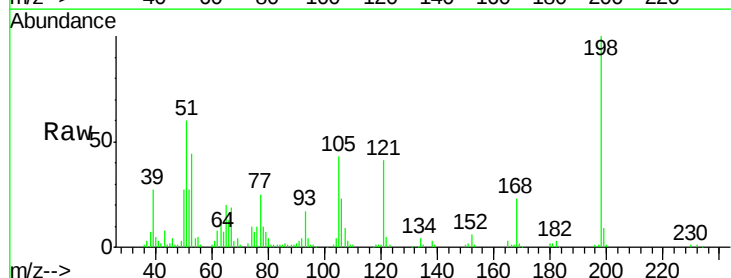
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot Ion:188 Resp: 434718
Ion Ratio Lower Upper
188 100
94 9.9 6.8 10.2
80 11.0 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.72 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.00 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

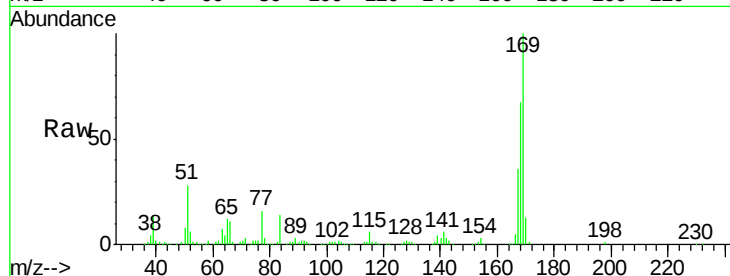




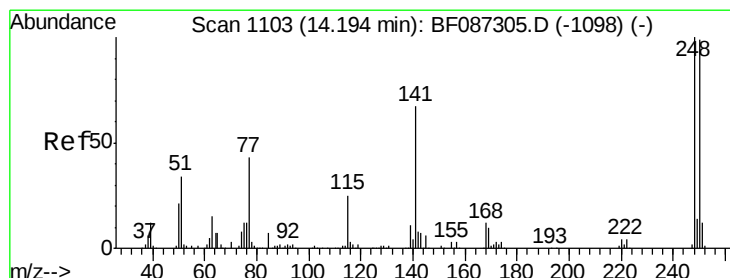
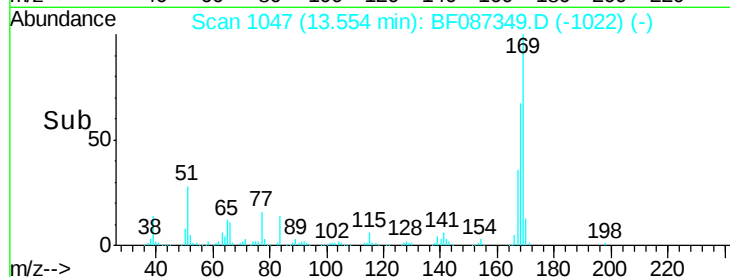
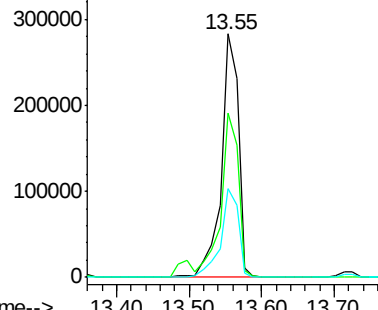
#65
 n-Nitrosodiphenylamine
 Concen: 33.11 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

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

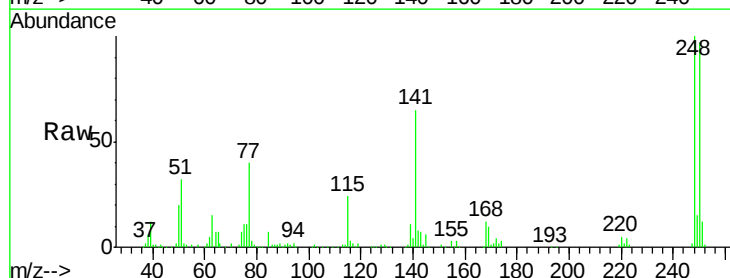


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

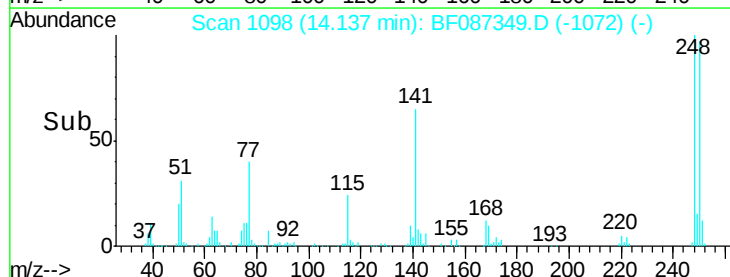
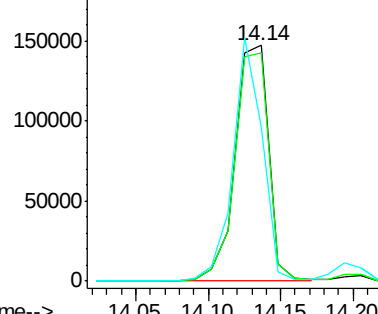


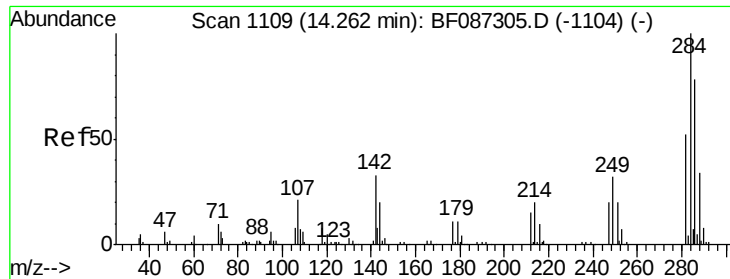
#66
 4-Bromophenyl-phenylether
 Concen: 49.34 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

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

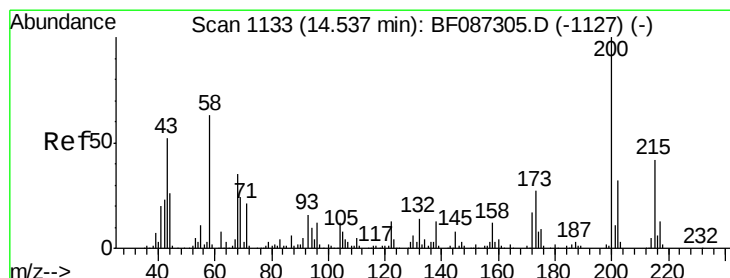
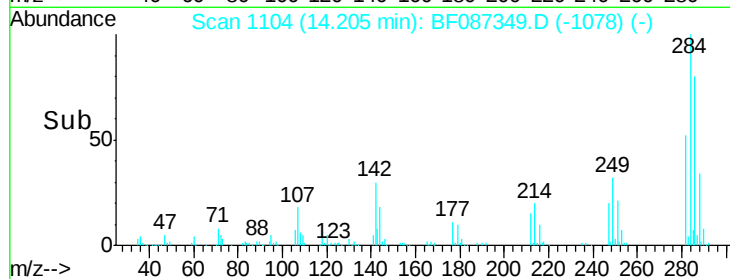
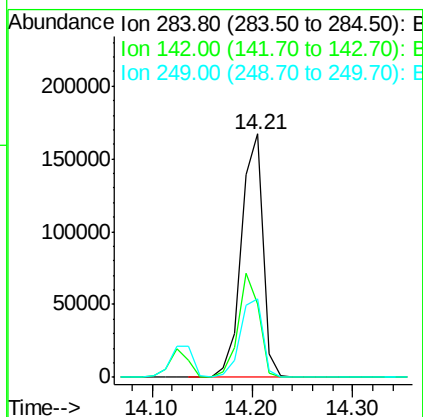
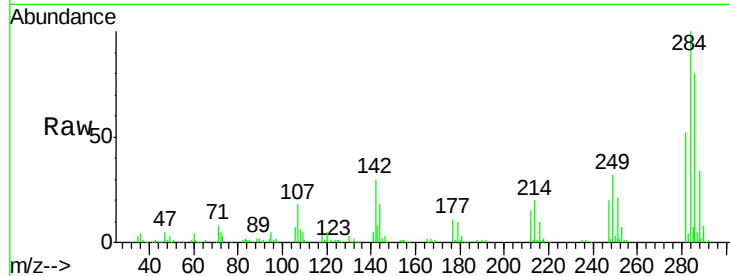




#67
Hexachlorobenzene
Concen: 50.01 ng
RT: 14.21 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

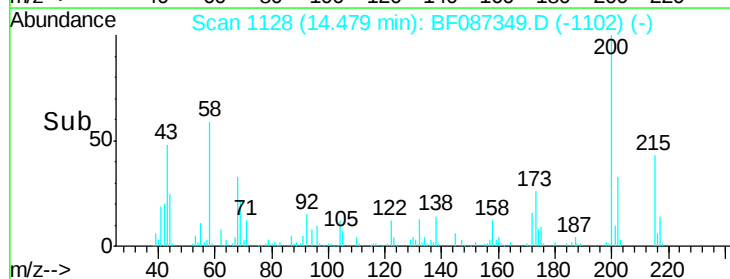
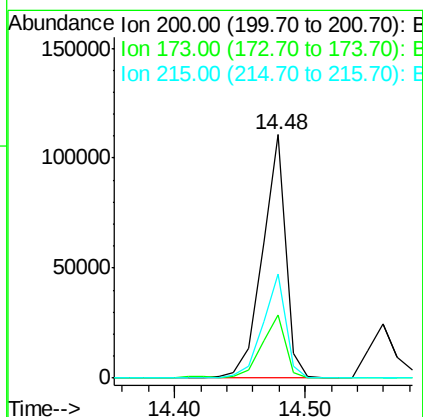
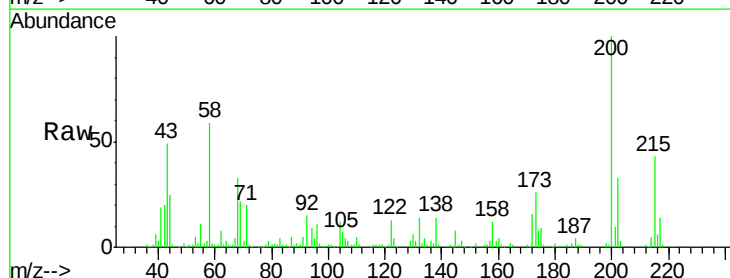
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

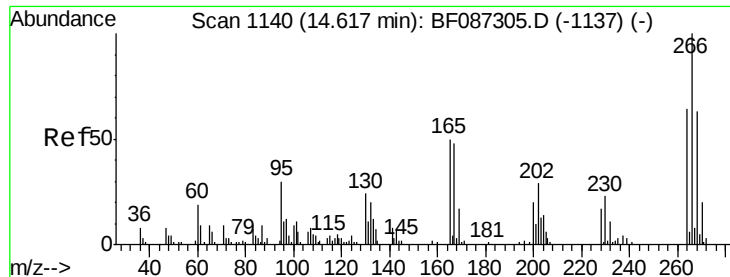
Tot Ion:284 Resp: 248759
Ion Ratio Lower Upper
284 100
142 30.1 16.7 25.1#
249 32.0 21.3 31.9#



#68
Atrazine
Concen: 31.03 ng
RT: 14.48 min Scan# 1128
Delta R.T. -0.00 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

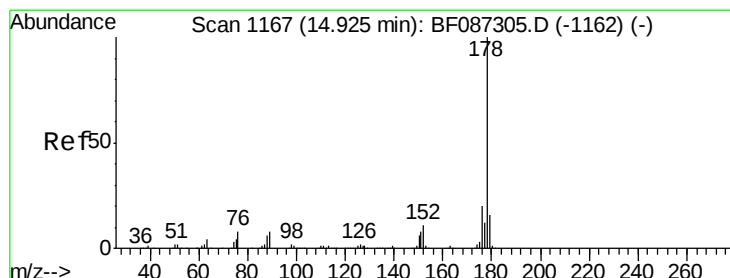
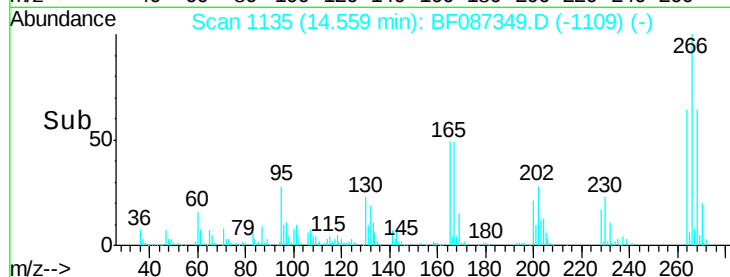
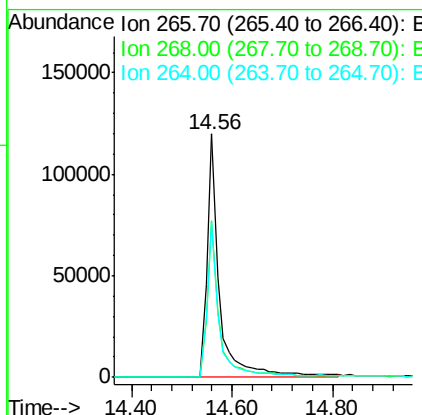
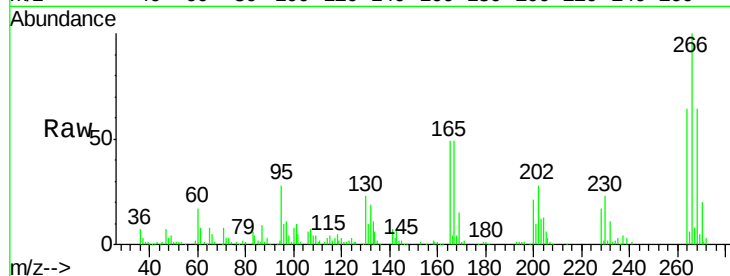




#69
 Pentachlorophenol
 Concen: 130.30 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

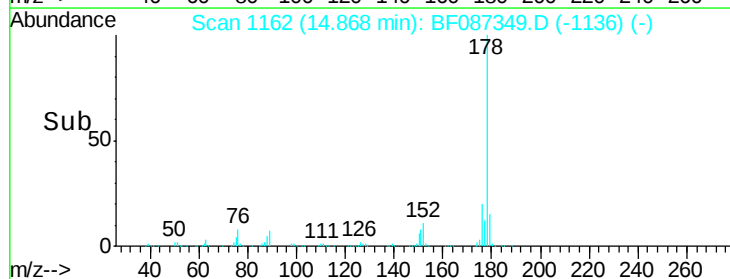
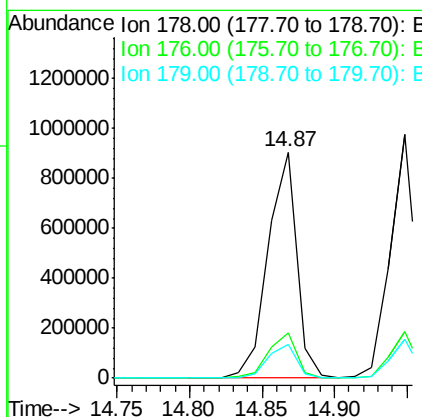
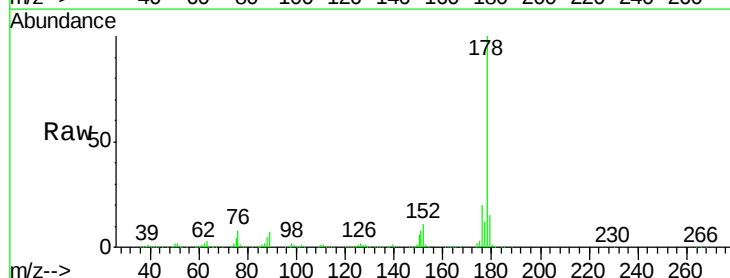
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

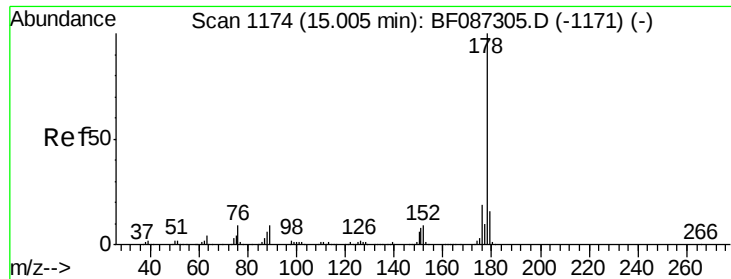
Tot Ion:266 Resp: 207933
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 63.6 52.9 79.3



#70
 Phenanthrene
 Concen: 51.79 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.00 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

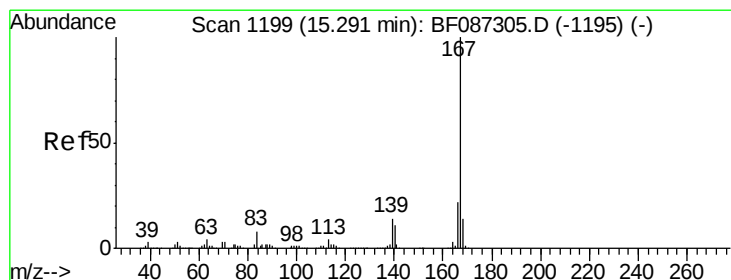
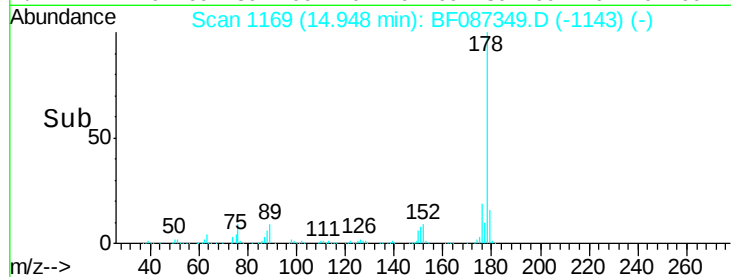
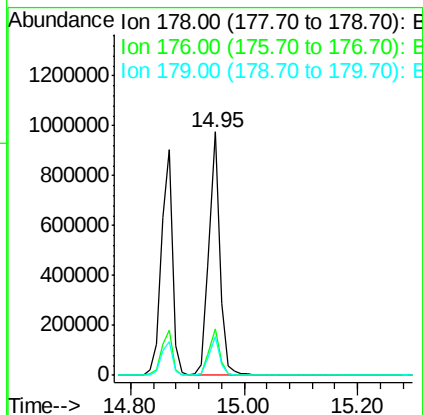
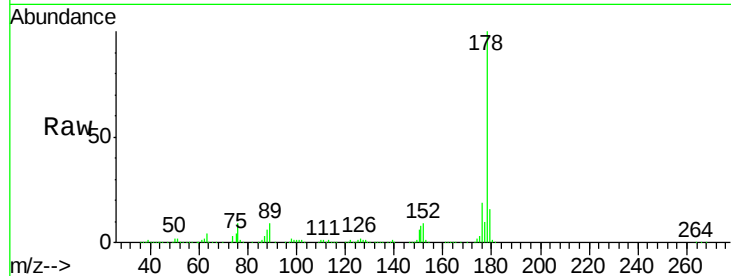




#71
 Anthracene
 Concen: 51.48 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

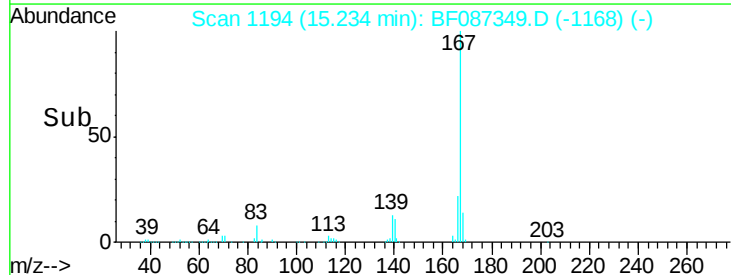
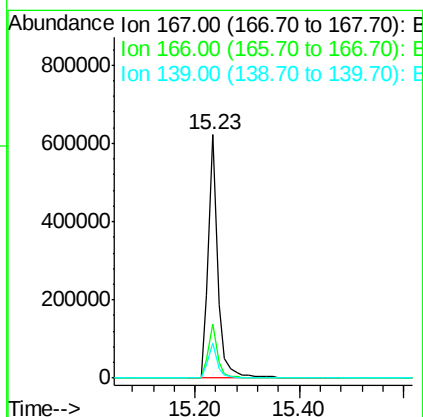
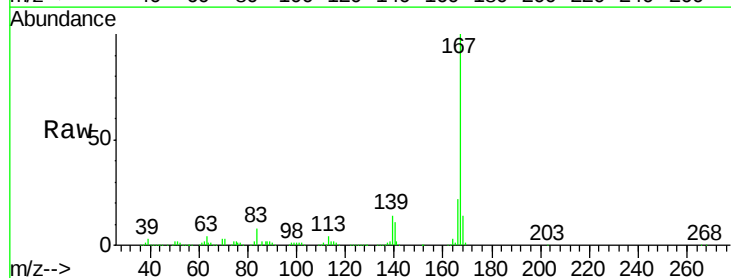
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tot Ion:178 Resp: 1252332
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 37.82 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.00 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





#73

Di-n-butylphthalate

Concen: 51.67 ng

RT: 15.81 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

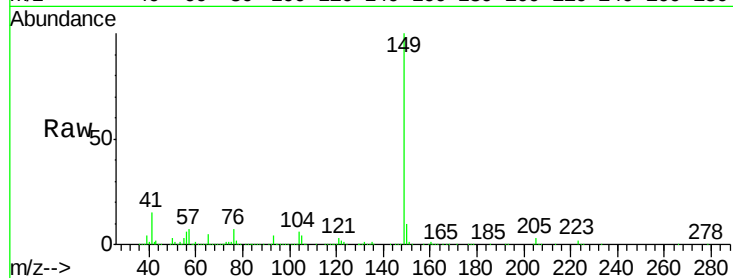
Tot Ion:149 Resp: 1386454

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

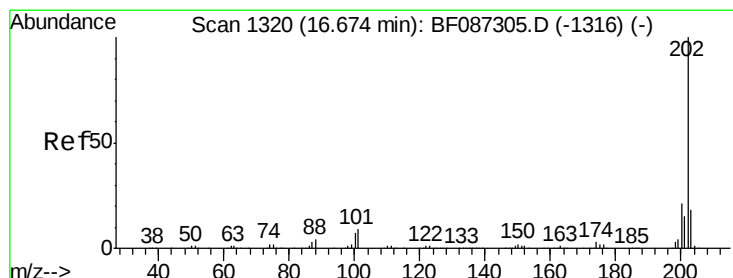
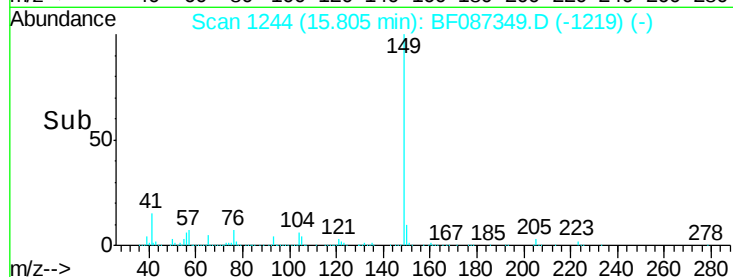
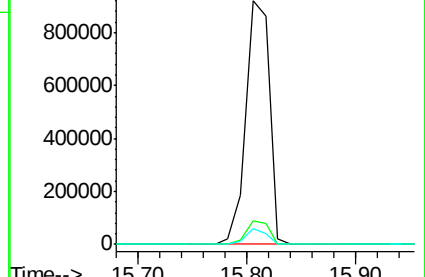
104 6.4 3.8 5.6#



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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

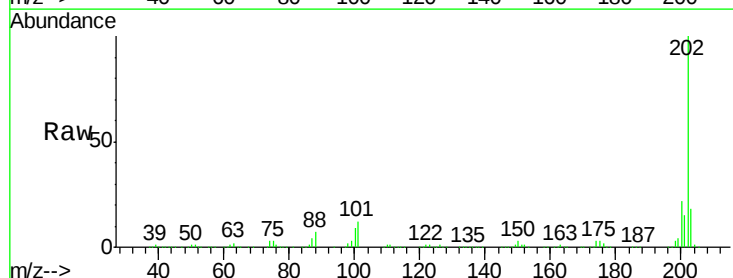
Tgt Ion:202 Resp: 1203541

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

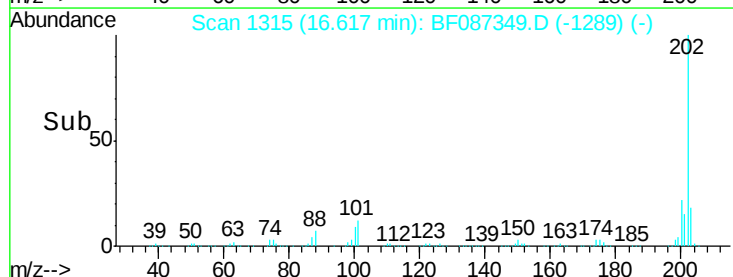
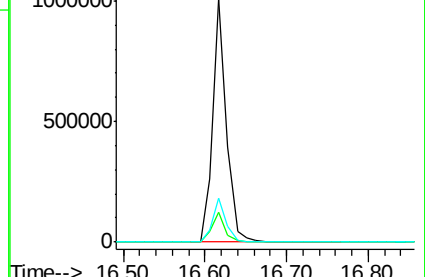
203 18.1 0.0 38.1



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. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

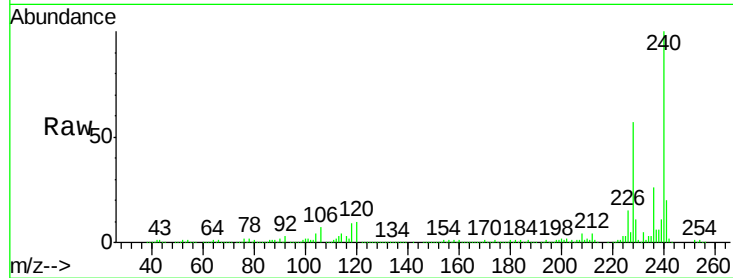
Tot Ion:240 Resp: 350196

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

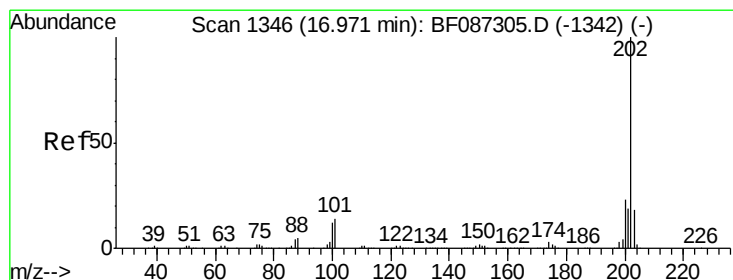
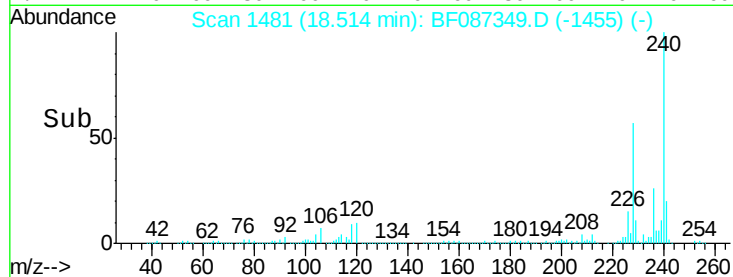
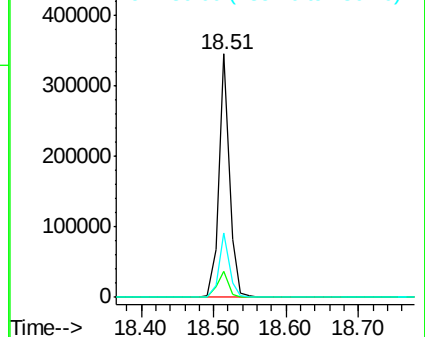
236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.77 ng

RT: 16.93 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

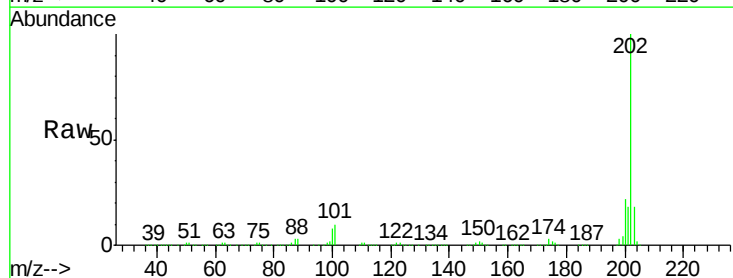
Tgt Ion:202 Resp: 1254544

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

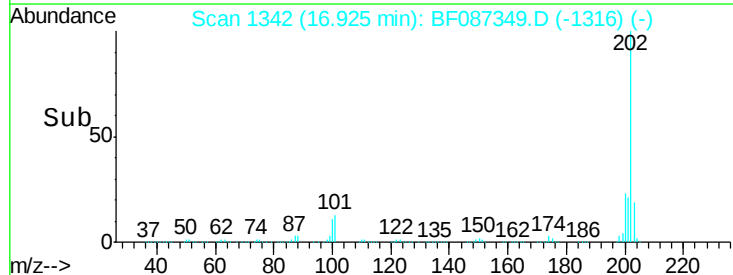
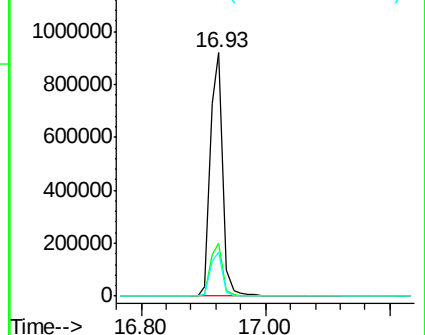
203 17.9 14.2 21.4

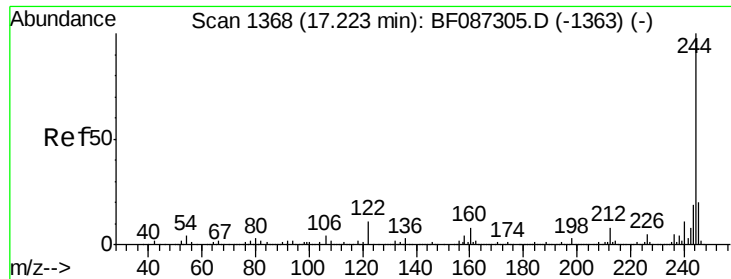


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.56 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

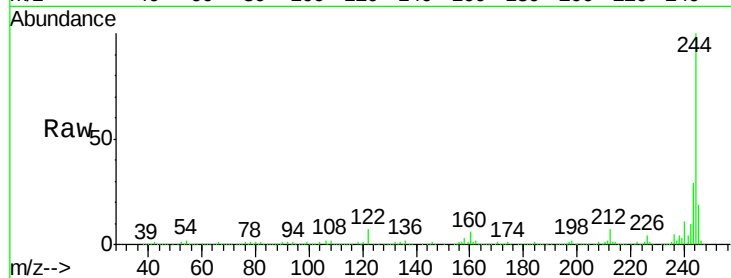
Tot Ion:244 Resp: 1524635

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

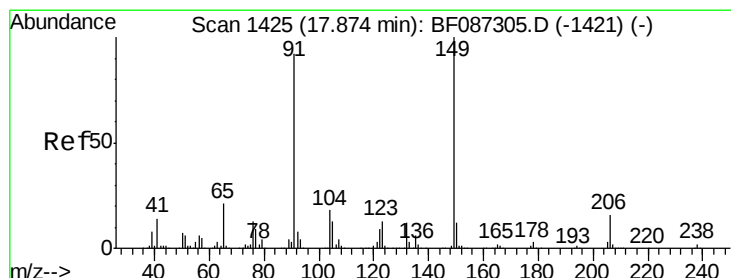
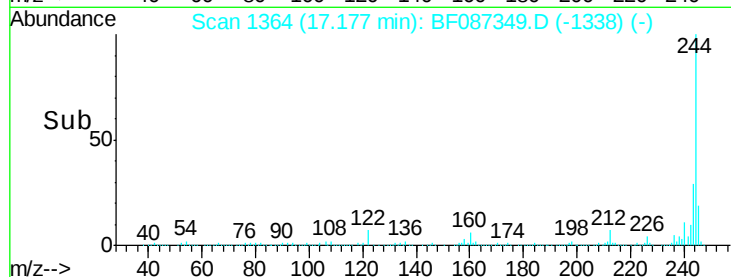
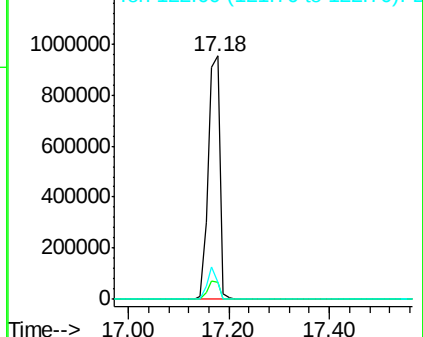
122 6.8 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 51.77 ng

RT: 17.83 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

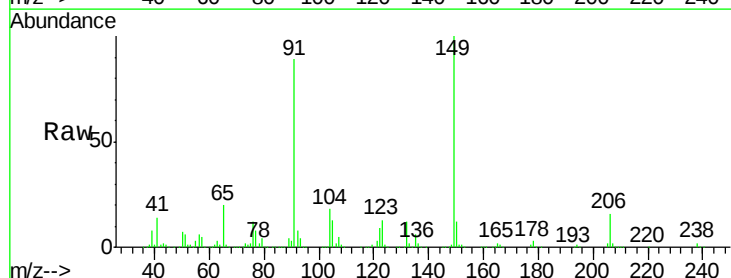
Tgt Ion:149 Resp: 578730

Ion Ratio Lower Upper

149 100

91 89.2 48.0 72.0#

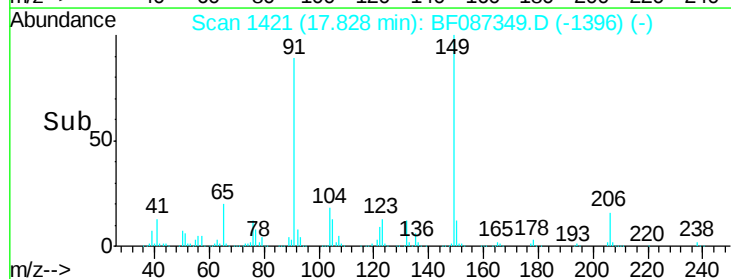
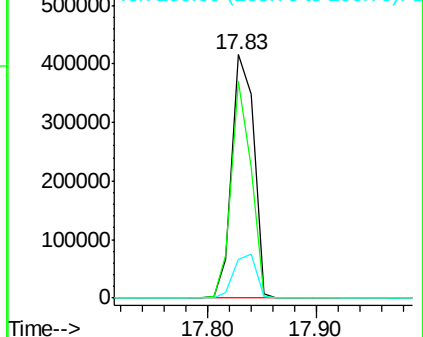
206 16.2 15.8 23.6

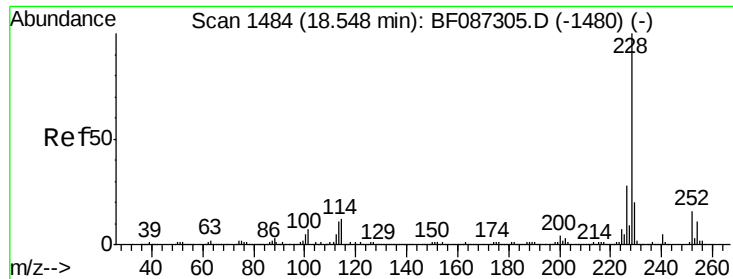


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

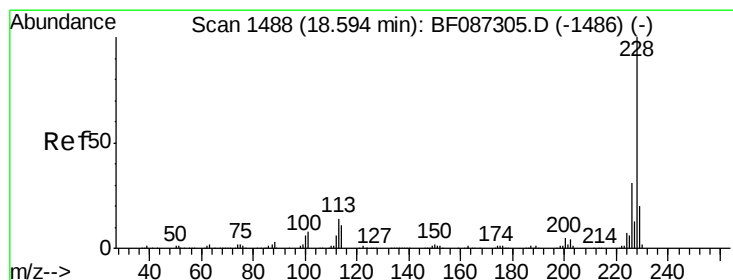
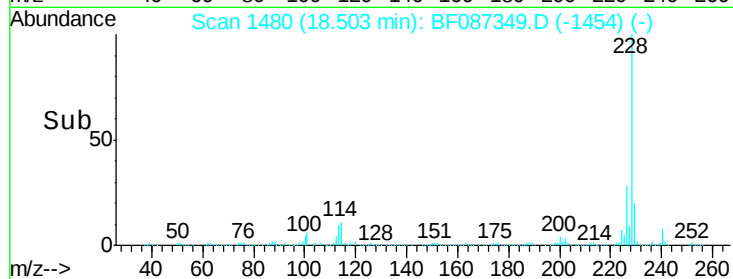
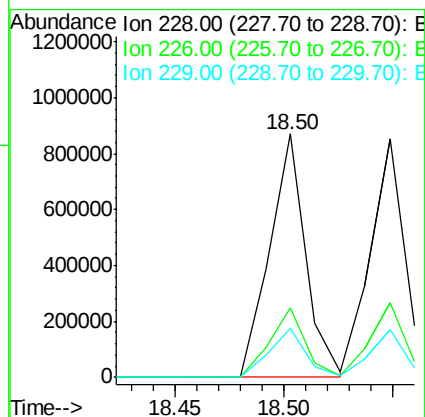
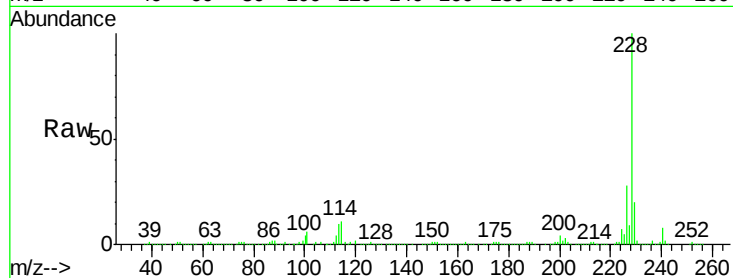




#80
Benzo(a)anthracene
Concen: 50.81 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

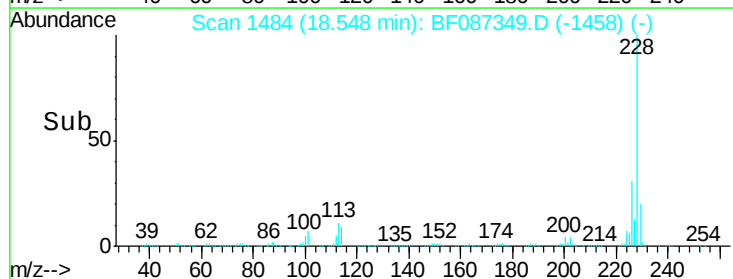
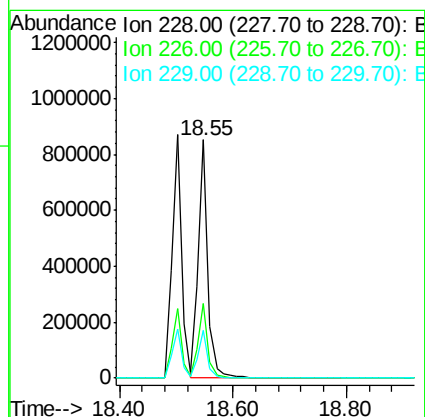
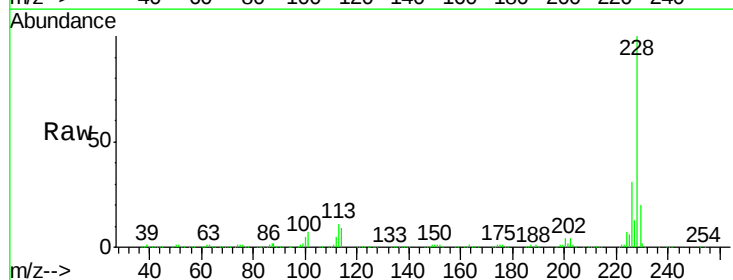
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

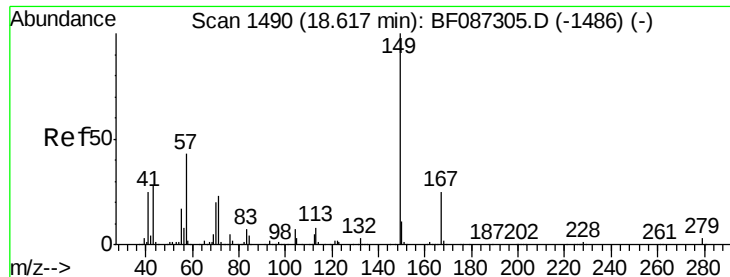
Tot Ion:228 Resp: 1012030
Ion Ratio Lower Upper
228 100
226 28.4 22.5 33.7
229 20.2 16.6 25.0



#82
Chrysene
Concen: 50.22 ng
RT: 18.55 min Scan# 1484
Delta R.T. -0.00 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

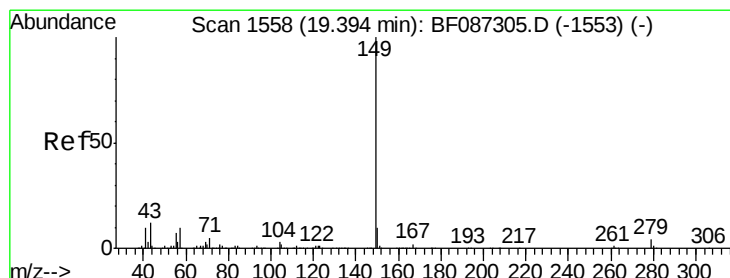
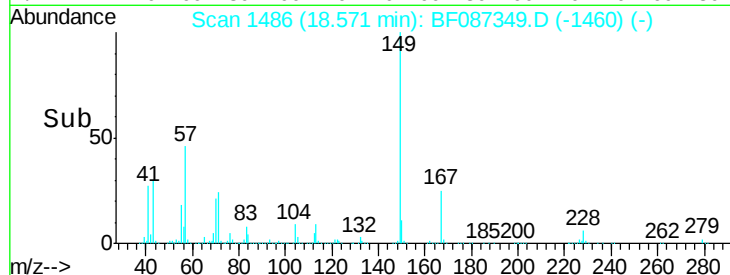
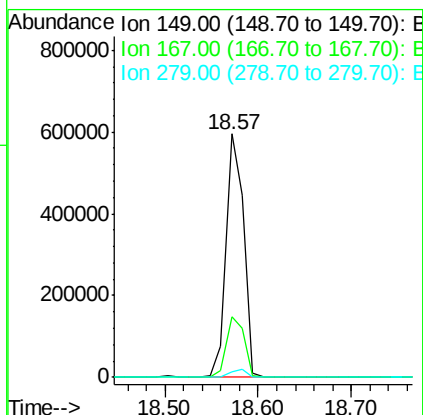
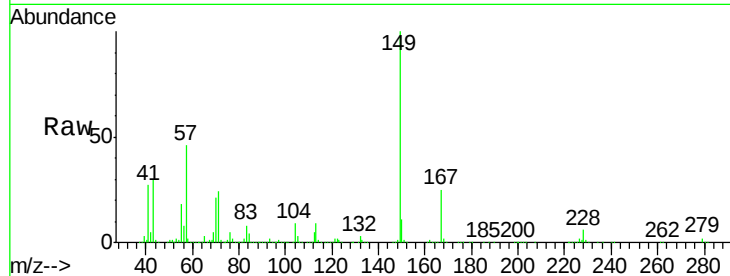




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.94 ng
 RT: 18.57 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

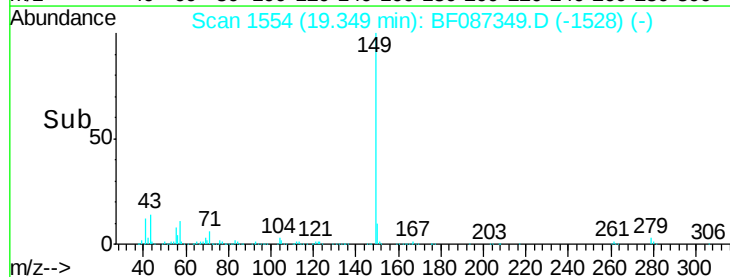
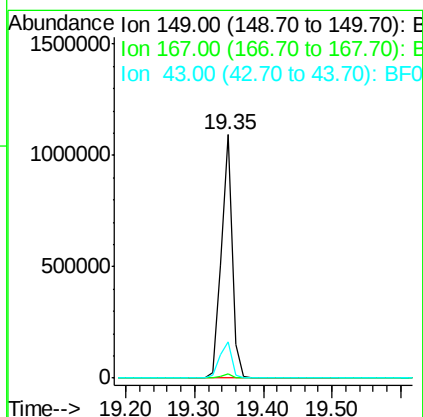
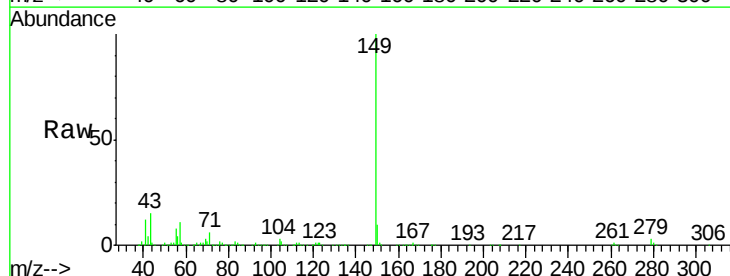
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

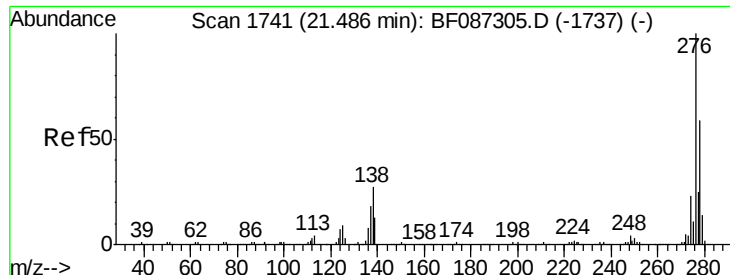
Tot Ion:149 Resp: 781985
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.6
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 49.28 ng
 RT: 19.35 min Scan# 1554
 Delta R.T. -0.00 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#

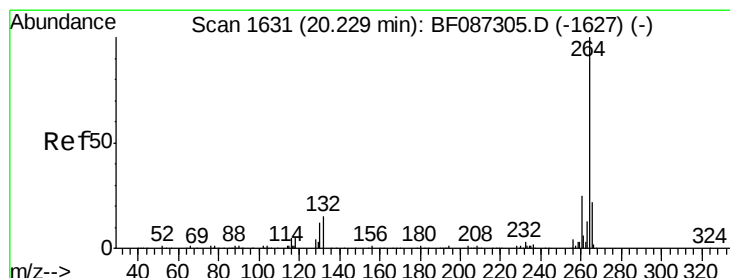
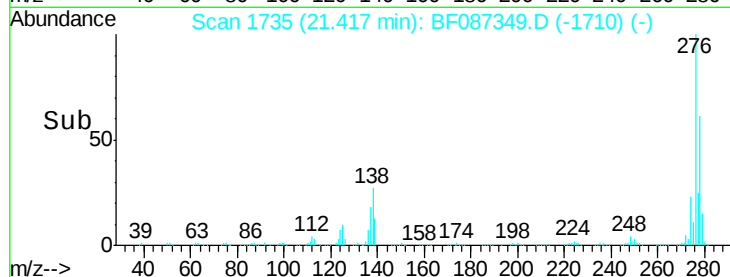
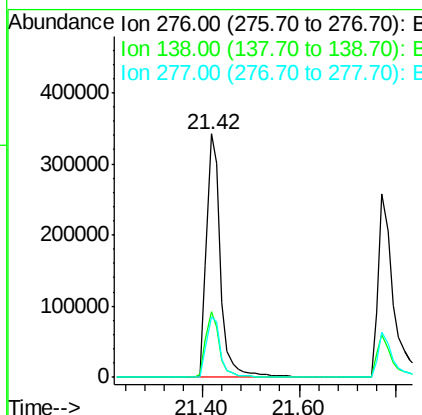
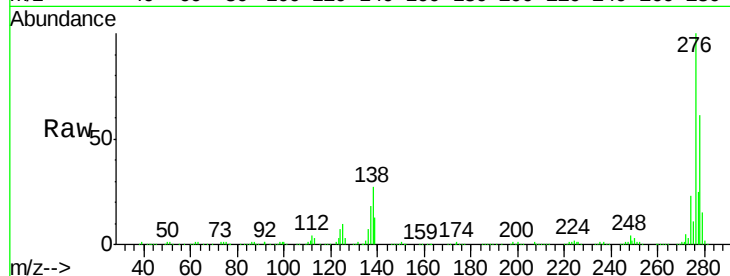




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.22 ng
RT: 21.42 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

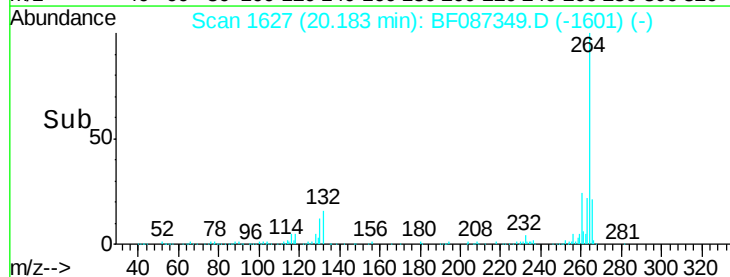
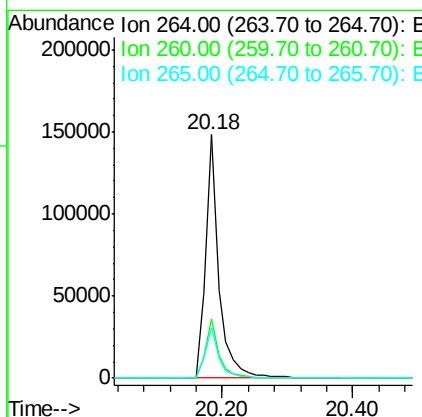
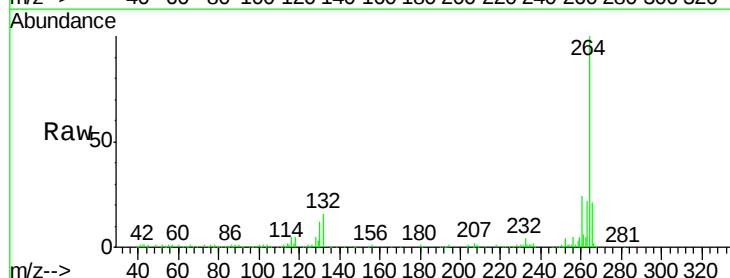
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

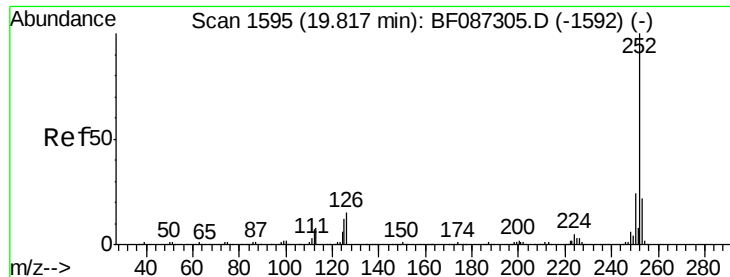
Tot Ion:276 Resp: 700799
Ion Ratio Lower Upper
276 100
138 26.6 25.6 38.4
277 25.3 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Tgt Ion:264 Resp: 208718
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: 56.37 ng m

RT: 19.77 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMSD

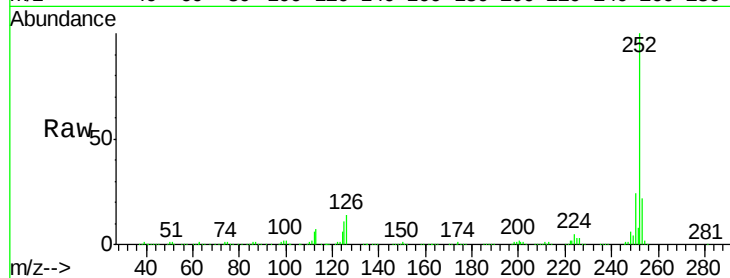
Tot Ion:252 Resp: 749403

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

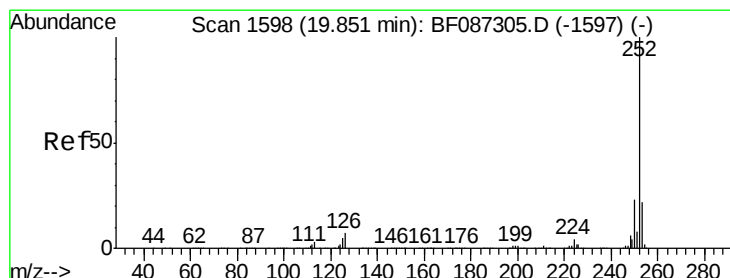
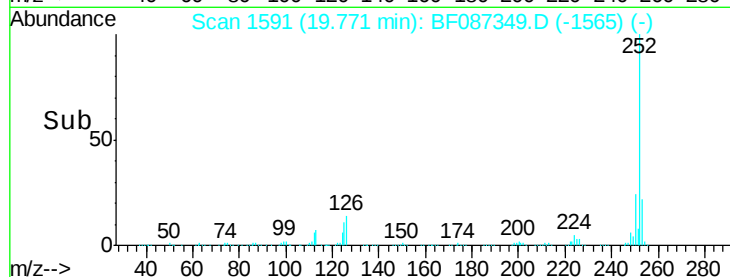
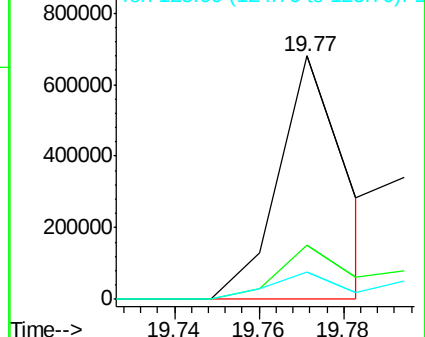
125 11.0 11.4 17.0#



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: 72.34 ng m

RT: 19.81 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF087349.D

Acq: 24 May 2016 21:27

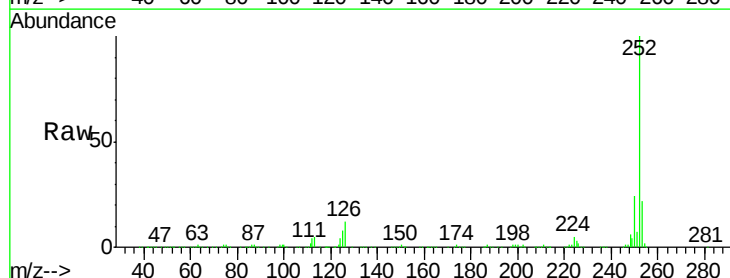
Tgt Ion:252 Resp: 827837

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

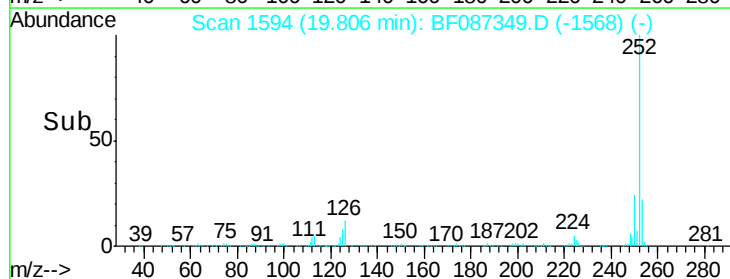
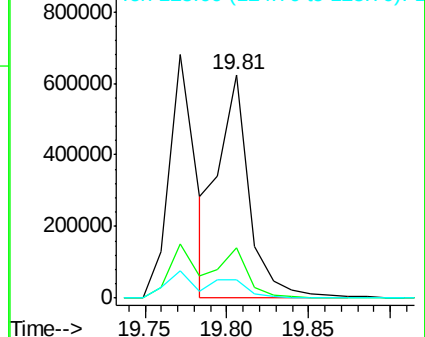
125 8.2 9.1 13.7#

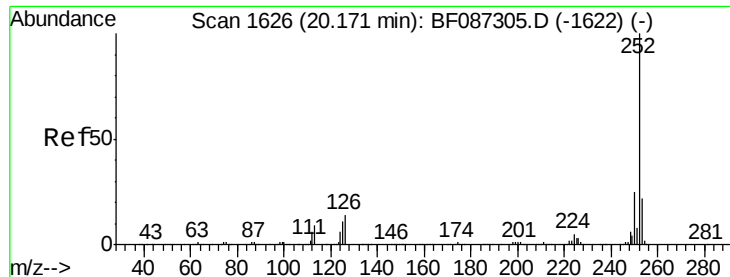


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

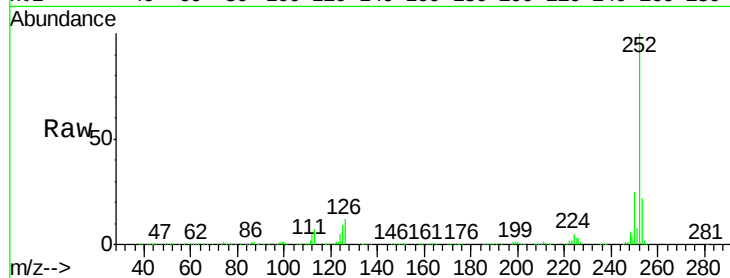




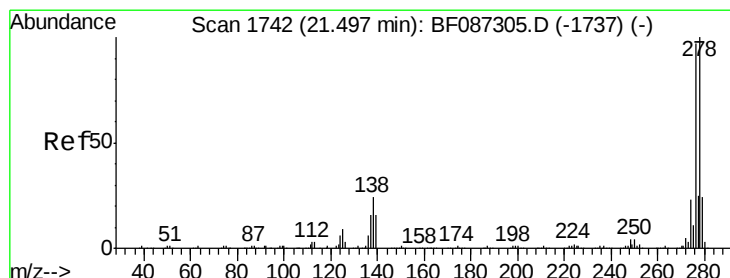
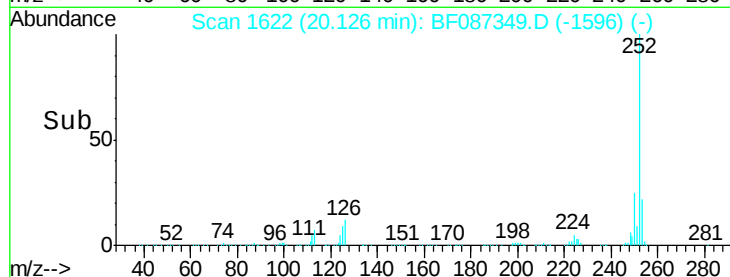
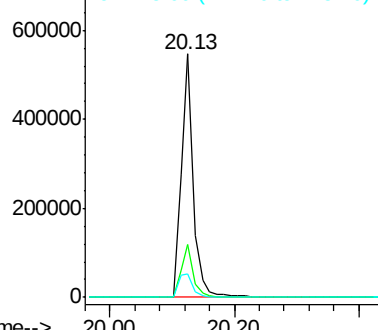
#89
Benzo(a)pyrene
Concen: 62.30 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMSD

Tot Ion:252 Resp: 716373
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.4 9.0 13.6

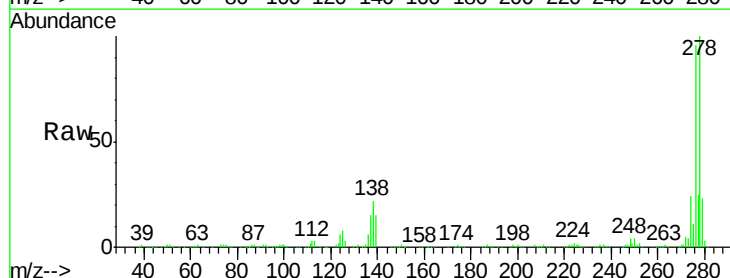


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

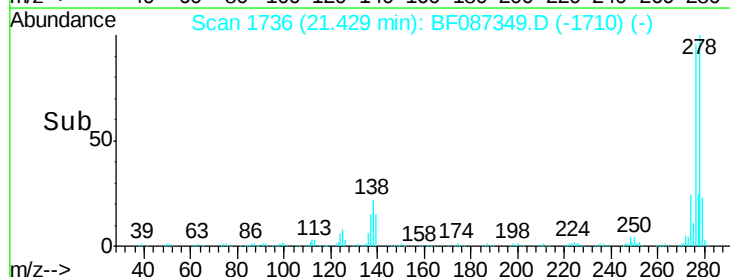
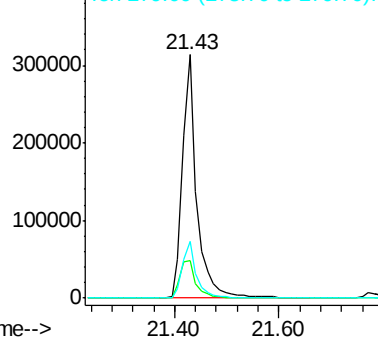


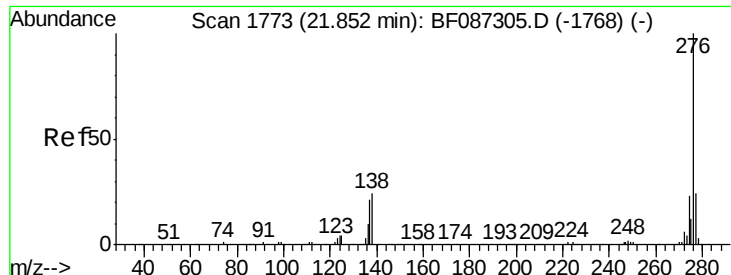
#90
Dibenzo(a,h)anthracene
Concen: 60.98 ng
RT: 21.43 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BF087349.D
Acq: 24 May 2016 21:27

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

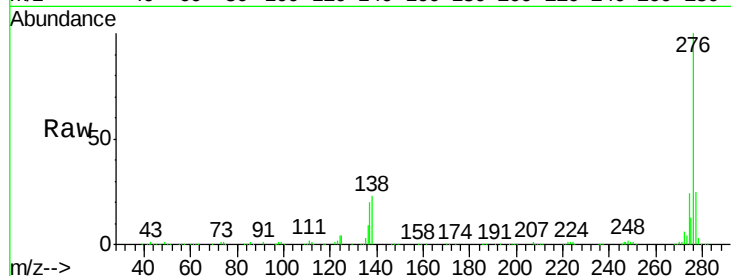




#91
 Benzo(a,h,i)perylene
 Concen: 60.03 ng
 RT: 21.77 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF087349.D
 Acq: 24 May 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Tot Ion: 276 Resp: 580849
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.6 29.4
 138 23.4 23.6 35.4#



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

