

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087348.D
 Acq On : 24 May 2016 20:53
 Operator : UM/SJ
 Sample : H3135-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Quant Time: May 25 15:26:51 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	109653	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	455137	20.00	ng	-0.01
38) Acenaphthene-d10	12.42	164	218373	20.00	ng	0.00
63) Phenanthrene-d10	14.82	188	432768	20.00	ng	0.00
75) Chrysene-d12	18.51	240	343512	20.00	ng	0.00
86) Perylene-d12	20.18	264	241151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	996345	159.66	ng	0.03
7) Phenol-d6	7.11	99	1246001	147.77	ng	0.00
23) Nitrobenzene-d5	8.48	82	935104	103.55	ng	-0.01
41) 2,4,6-Tribromophenol	13.73	330	351605	167.55	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1605097	103.62	ng	-0.01
78) Terphenyl-d14	17.18	244	1585083	98.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	126804m	38.51	ng	
3) Pyridine	2.71	79	221460m	30.77	ng	
4) n-Nitrosodimethylamine	2.57	42	279095	50.32	ng	# 46
6) Aniline	7.07	93	136461	12.51	ng	95
8) 2-Chlorophenol	7.24	128	402646	51.74	ng	90
9) Benzaldehyde	6.91	77	40155	8.63	ng	95
10) Phenol	7.13	94	487201	52.91	ng	78
11) bis(2-Chloroethyl)ether	7.21	93	413875	55.53	ng	91
12) 1,3-Dichlorobenzene	7.46	146	415000	48.89	ng	97
13) 1,4-Dichlorobenzene	7.59	146	425385	48.82	ng	96
14) 1,2-Dichlorobenzene	7.82	146	407979	50.61	ng	98
15) Benzyl Alcohol	7.86	79	387450	63.02	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.06	45	795758	47.46	ng	98
17) 2-Methylphenol	8.07	107	333626	53.49	ng	# 84
18) Hexachloroethane	8.33	117	158835	48.86	ng	96
19) n-Nitroso-di-n-propylamine	8.28	70	348705	55.45	ng	# 77
20) 3+4-Methylphenols	8.33	107	432120	57.31	ng	# 60
22) Acetophenone	8.24	105	604006	55.55	ng	# 97
24) Nitrobenzene	8.50	77	487380	51.13	ng	98
25) Isophorone	8.90	82	861219	53.17	ng	99
26) 2-Nitrophenol	9.00	139	213779	54.86	ng	# 70
27) 2,4-Dimethylphenol	9.15	122	370869	54.83	ng	89
28) bis(2-Chloroethoxy)methane	9.28	93	517575	56.73	ng	98
29) 2,4-Dichlorophenol	9.42	162	344314	56.48	ng	95
30) 1,2,4-Trichlorobenzene	9.51	180	359414	51.50	ng	96
31) Naphthalene	9.62	128	1317521	57.77	ng	99
32) Benzoic acid	9.48	122	151176	43.96	ng	84
33) 4-Chloroaniline	9.79	127	90902	10.82	ng	# 94
34) Hexachlorobutadiene	9.84	225	207125	48.83	ng	97
35) Caprolactam	10.42	113	96118m	54.02	ng	
36) 4-Chloro-3-methylphenol	10.64	107	400610	58.13	ng	92
37) 2-Methylnaphthalene	10.75	142	800075	56.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	347149	49.66	ng	99
40) Hexachlorocyclopentadiene	11.00	237	261631	89.66	ng	95

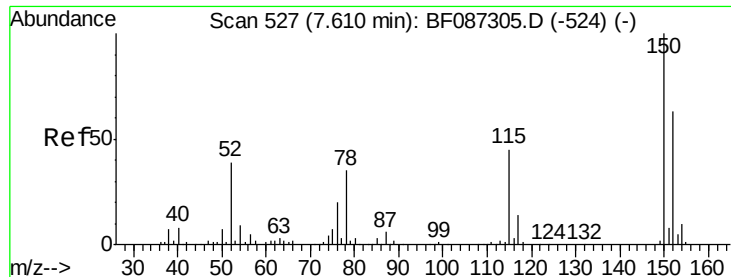
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	227806	56.46	nq	93
43) 2,4,5-Trichlorophenol	11.34	196	226292	55.07	nq #	91
45) 1,1'-Biphenyl	11.52	154	972314	52.88	nq	97
46) 2-Chloronaphthalene	11.53	162	736861	52.39	nq #	90
47) 2-Nitroaniline	11.75	65	303267	59.84	nq #	74
48) Acenaphthylene	12.19	152	1192263	53.54	nq	99
49) Dimethylphthalate	12.08	163	953153	54.49	nq	100
50) 2,6-Dinitrotoluene	12.17	165	199740	56.67	nq #	85
51) Acenaphthene	12.48	154	741723	54.19	nq	98
52) 3-Nitroaniline	12.43	138	107156	29.62	nq #	83
53) 2,4-Dinitrophenol	12.63	184	156991	86.45	nq #	74
54) Dibenzofuran	12.76	168	1078040	58.17	nq	95
55) 4-Nitrophenol	12.81	139	211368	122.48	nq #	51
56) 2,4-Dinitrotoluene	12.83	165	279364	59.30	nq	90
57) Fluorene	13.31	166	894657	55.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	211012	66.76	nq	97
59) Diethylphthalate	13.23	149	955135	56.16	nq	98
60) 4-Chlorophenyl-phenylether	13.35	204	411558	52.52	nq	91
61) 4-Nitroaniline	13.45	138	188187	55.74	nq #	77
62) Azobenzene	13.60	77	1102380	62.48	nq	86
64) 4,6-Dinitro-2-methylphenol	13.50	198	129383	47.02	nq #	69
65) n-Nitrosodiphenylamine	13.57	169	753110	53.81	nq	100
66) 4-Bromophenyl-phenylether	14.14	248	245599	51.88	nq #	87
67) Hexachlorobenzene	14.21	284	253290	51.15	nq #	83
68) Atrazine	14.48	200	241511	54.14	nq	93
69) Pentachlorophenol	14.56	266	210372	132.32	nq	96
70) Phenanthrene	14.87	178	1292295	53.91	nq	100
71) Anthracene	14.95	178	1282170	52.95	nq	100
72) Carbazole	15.23	167	1151021	55.73	nq	99
73) Di-n-butylphthalate	15.81	149	1463925	54.81	nq #	98
74) Fluoranthene	16.62	202	1260717	52.45	nq	97
76) Benzidine	16.86	184	99105	11.21	nq	96
77) Pyrene	16.93	202	1317295	53.27	nq	99
79) Butylbenzylphthalate	17.83	149	605065	55.18	nq #	67
80) Benzo(a)anthracene	18.50	228	1058289	54.16	nq	99
81) 3,3'-Dichlorobenzidine	18.49	252	166587	15.43	nq #	96
82) Chrysene	18.55	228	1015821	52.38	nq	98
83) Bis(2-ethylhexyl)phthalate	18.57	149	823930	51.49	nq #	95
84) Di-n-octyl phthalate	19.35	149	1273997	52.21	nq #	87
85) Indeno(1,2,3-cd)pyrene	21.42	276	745116	47.93	nq	95
87) Benzo(b)fluoranthene	19.77	252	764963m	49.80	nq	
88) Benzo(k)fluoranthene	19.81	252	862399m	65.23	nq	
89) Benzo(a)pyrene	20.13	252	757193	56.99	nq	97
90) Dibenzo(a,h)anthracene	21.43	278	634405	55.99	nq #	93
91) Benzo(g,h,i)perylene	21.77	276	625654	55.96	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

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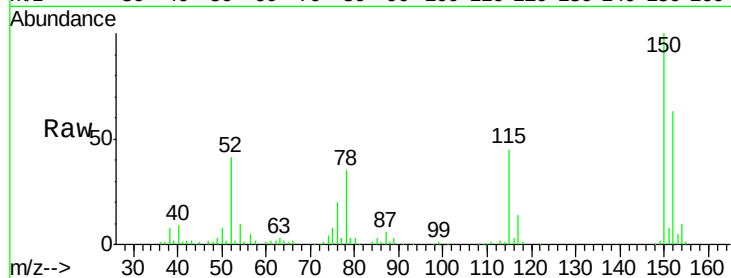
Tot Ion:152 Resp: 109653

Ion Ratio Lower Upper

152 100

150 159.4 125.8 188.6

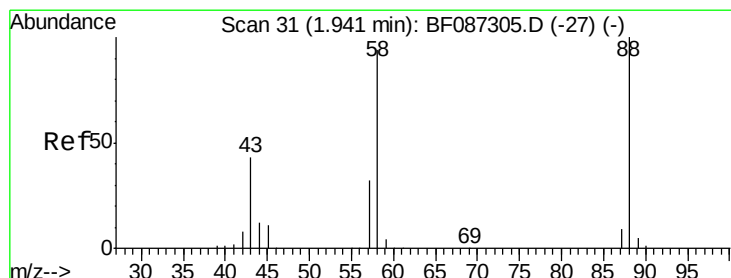
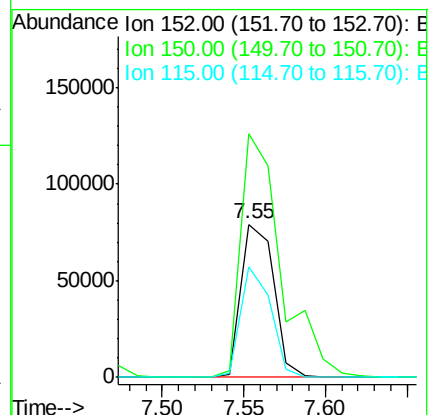
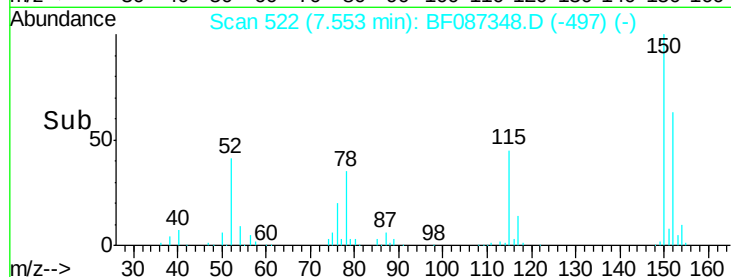
115 72.1 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.51 ng m

RT: 2.06 min Scan# 41

Delta R.T. 0.19 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

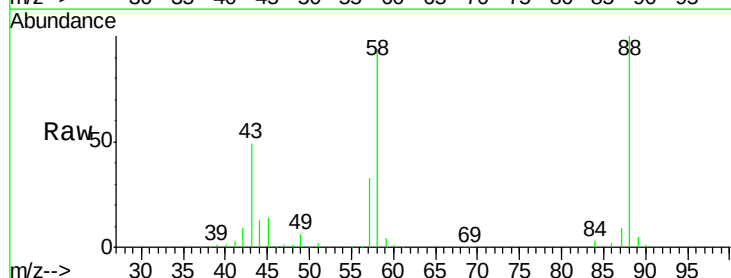
Tgt Ion: 88 Resp: 126804

Ion Ratio Lower Upper

88 100

58 7.0 59.6 89.4#

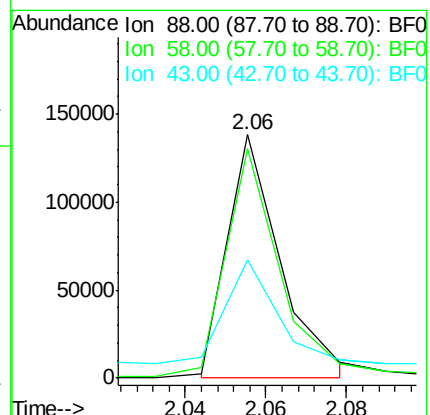
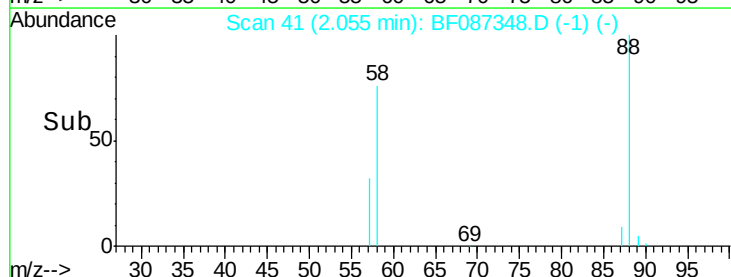
43 0.0 21.8 32.6#

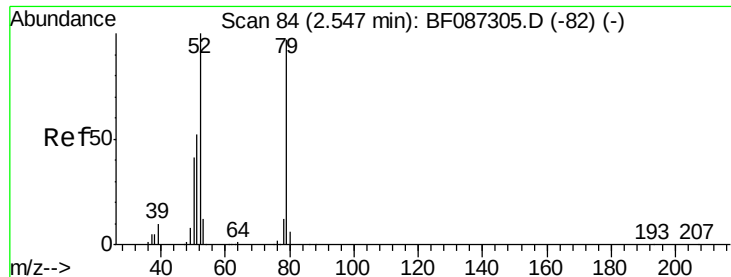


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.77 ng/ml

RT: 2.71 min Scan# 98

Delta R.T. 0.25 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

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ClientSampleId :

SEWER-JOBMS

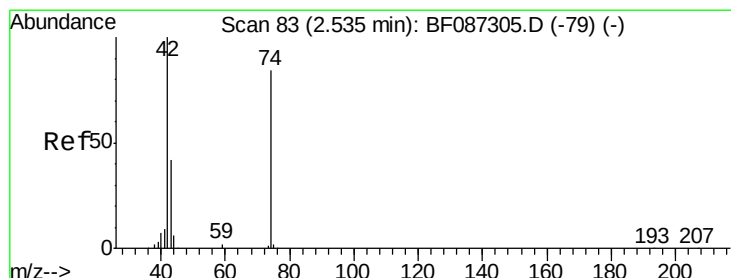
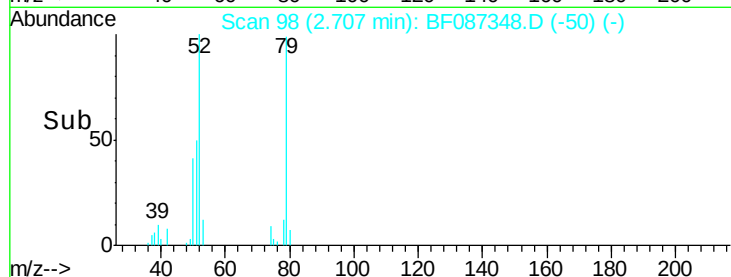
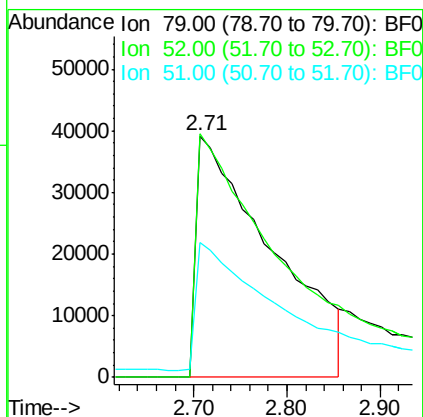
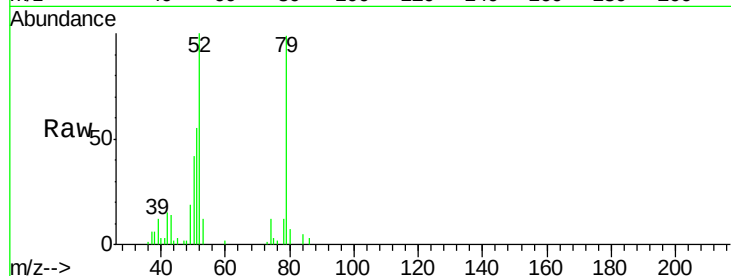
Tot Ion: 79 Resp: 221460

Ion Ratio Lower Upper

79 100

52 100.9 55.9 83.9#

51 55.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 50.32 ng/ml

RT: 2.57 min Scan# 86

Delta R.T. 0.13 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

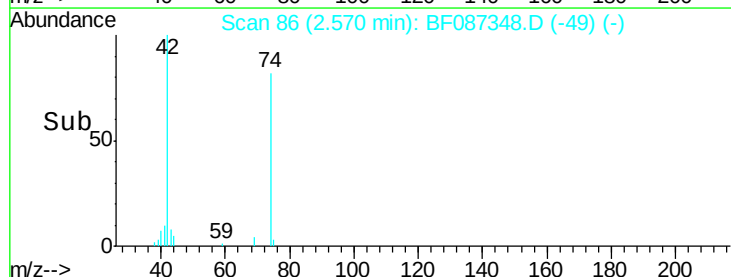
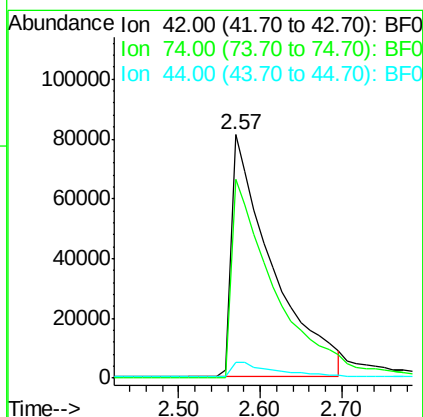
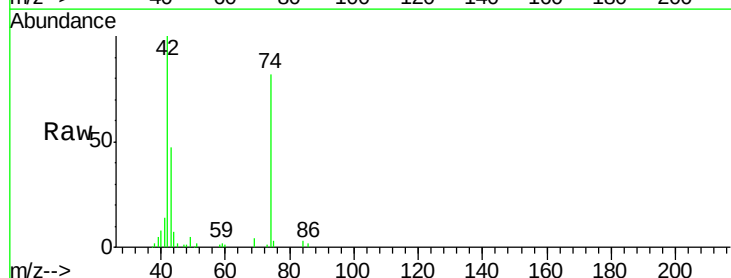
Tgt Ion: 42 Resp: 279095

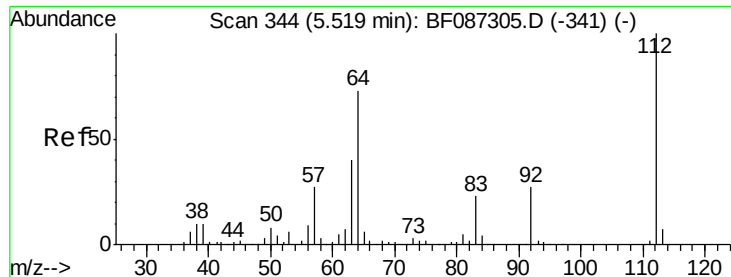
Ion Ratio Lower Upper

42 100

74 81.5 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 159.66 ng

RT: 5.50 min Scan# 342

Delta R.T. 0.03 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

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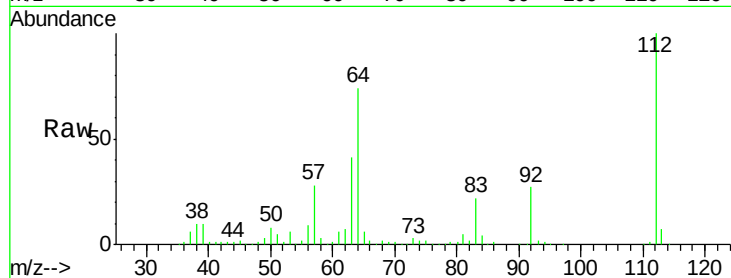
Tot Ion:112 Resp: 996345

Ion Ratio Lower Upper

112 100

64 74.0 52.1 78.1

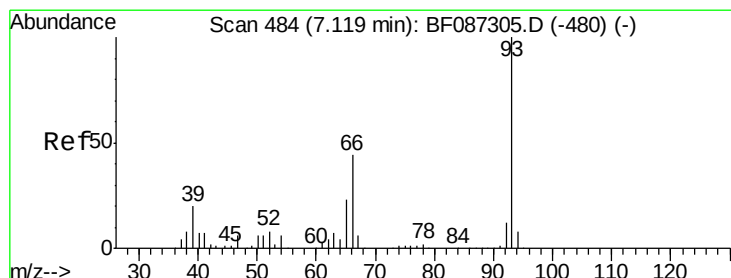
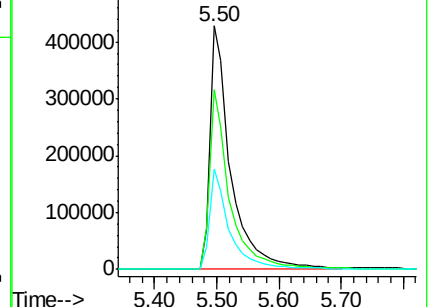
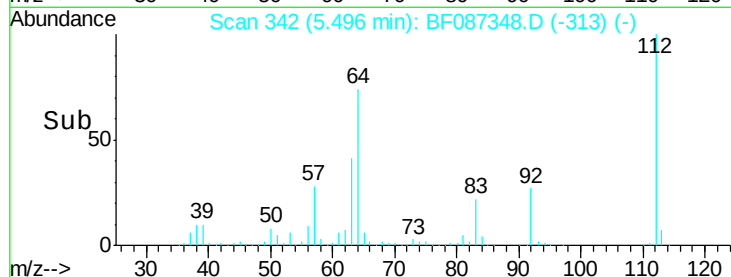
63 41.1 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.51 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

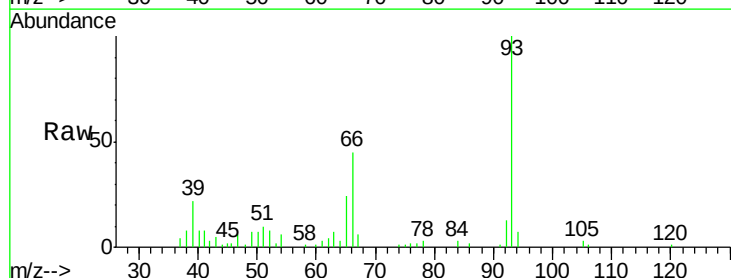
Tgt Ion: 93 Resp: 136461

Ion Ratio Lower Upper

93 100

66 44.9 39.0 58.6

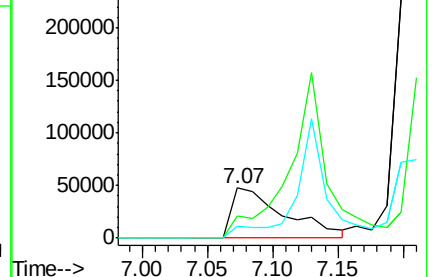
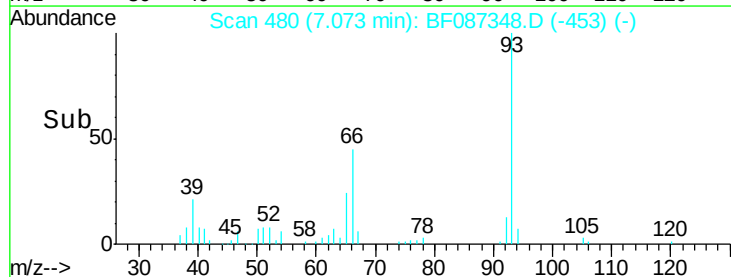
65 23.8 20.6 31.0

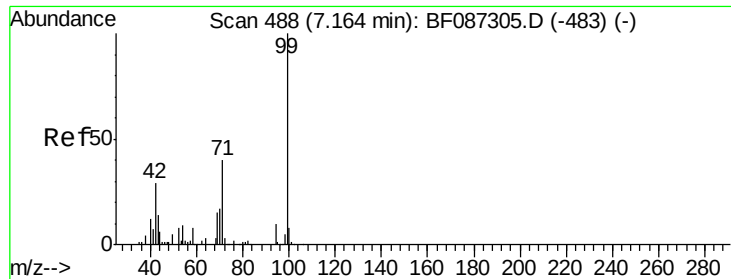


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.77 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

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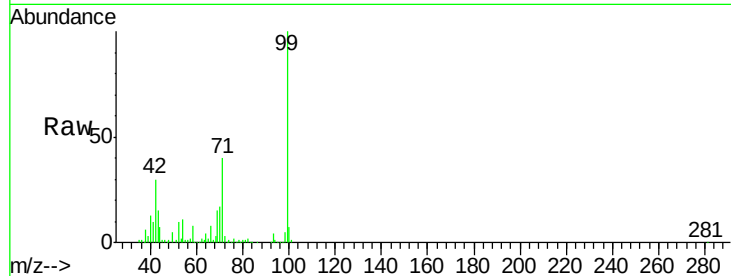
Tot Ion: 99 Resp: 1246001

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

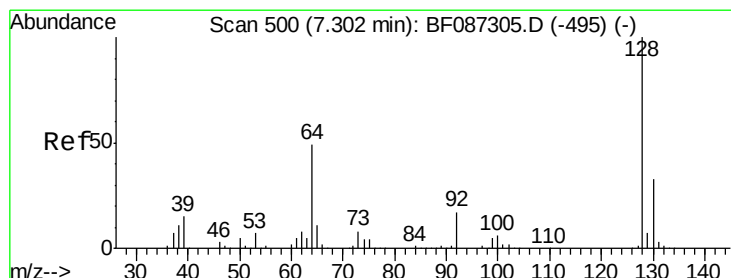
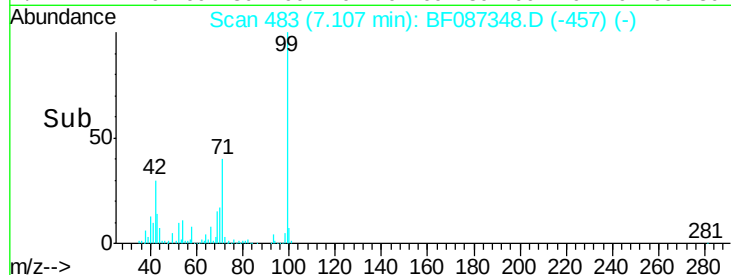
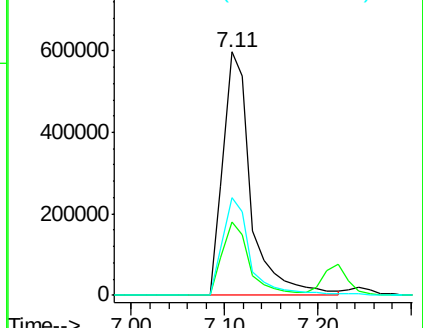
71 40.3 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.74 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

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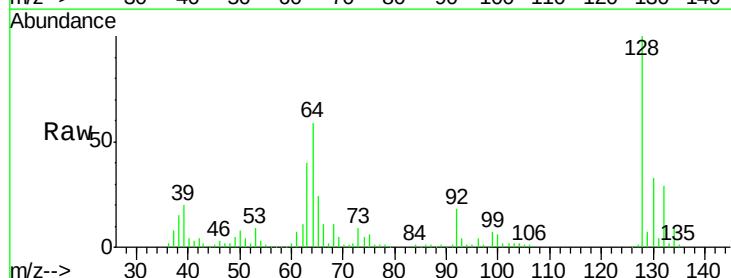
Tgt Ion: 128 Resp: 402646

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

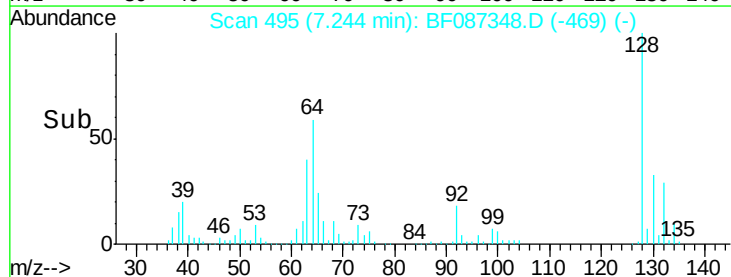
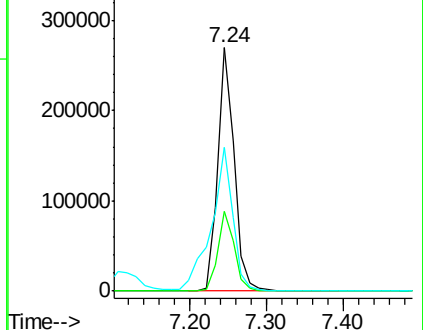
64 58.8 27.3 67.3

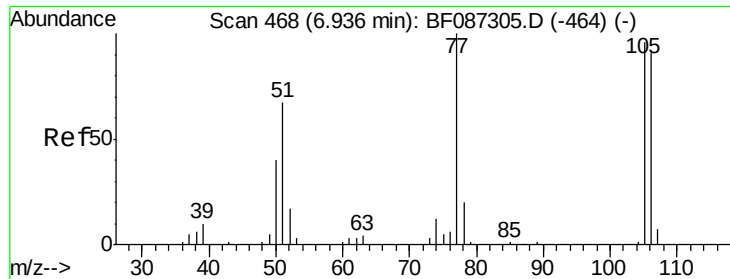


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.63 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.03 min

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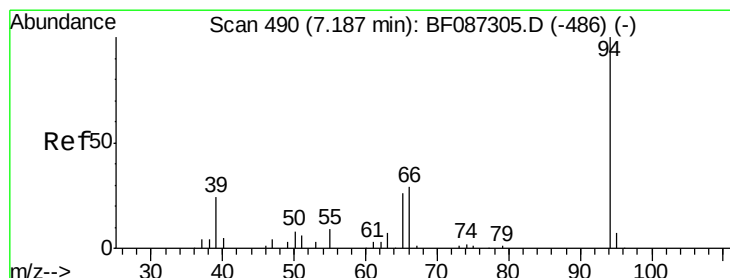
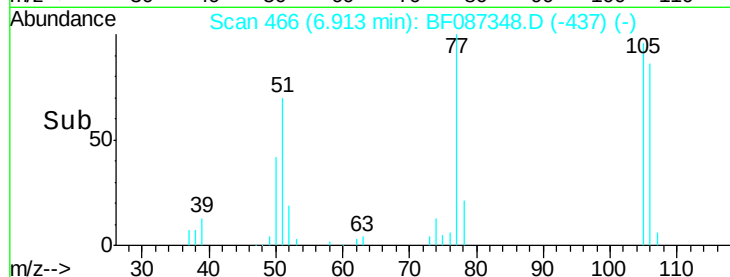
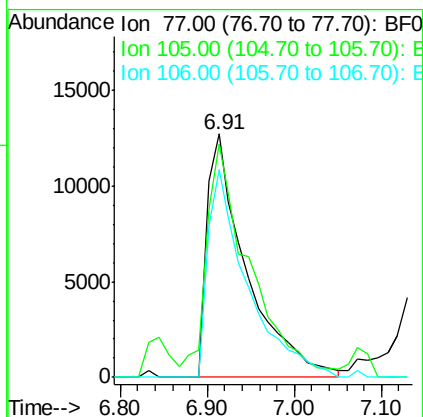
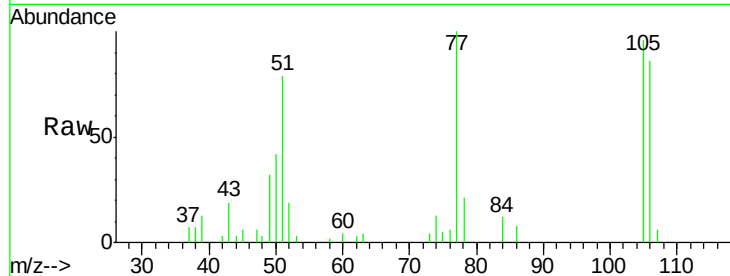
Tot Ion: 77 Resp: 40155

Ion Ratio Lower Upper

77 100

105 96.1 72.7 112.7

106 85.6 70.8 110.8



#10

Phenol

Concen: 52.91 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

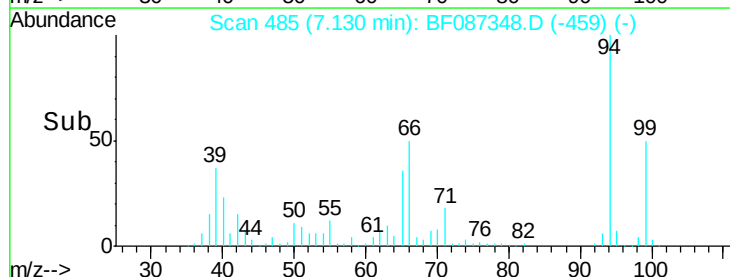
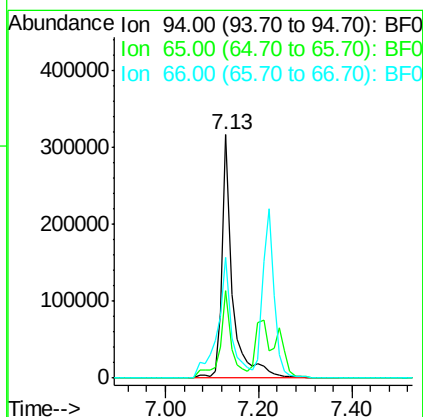
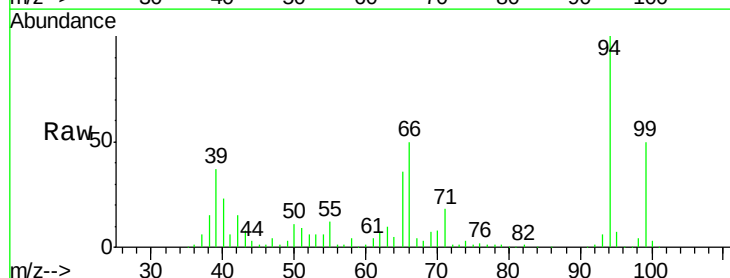
Tgt Ion: 94 Resp: 487201

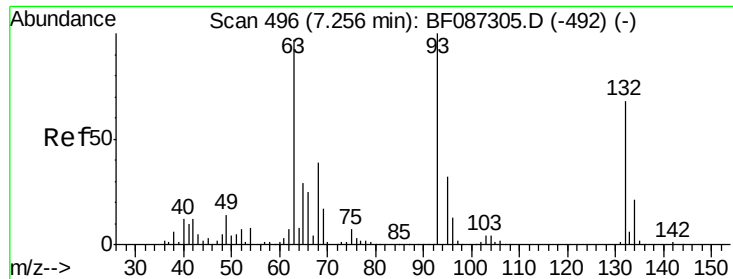
Ion Ratio Lower Upper

94 100

65 35.8 7.2 47.2

66 49.8 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 55.53 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

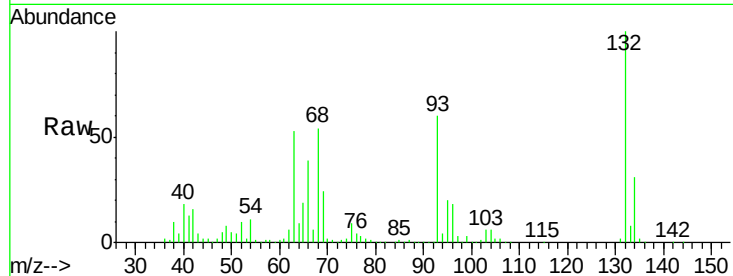
Tot Ion: 93 Resp: 413875

Ion Ratio Lower Upper

93 100

63 88.5 58.0 98.0

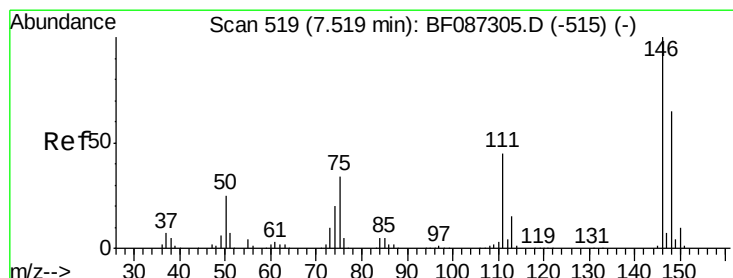
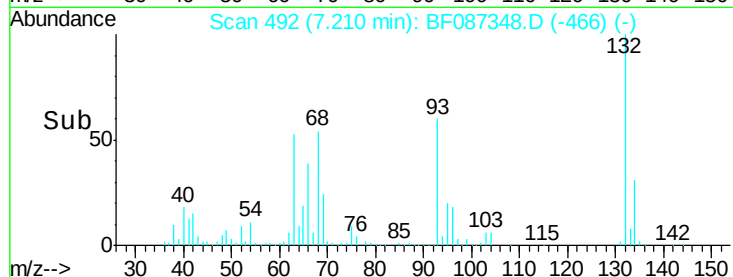
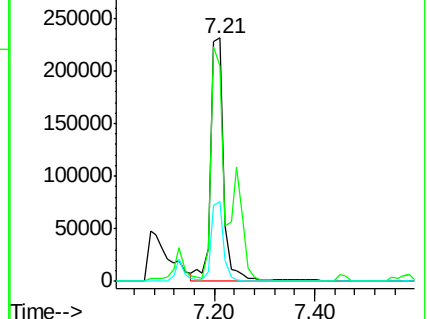
95 32.6 11.9 51.9



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: 48.89 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

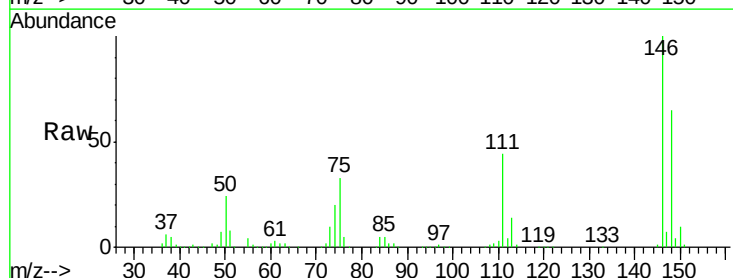
Tgt Ion: 146 Resp: 415000

Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

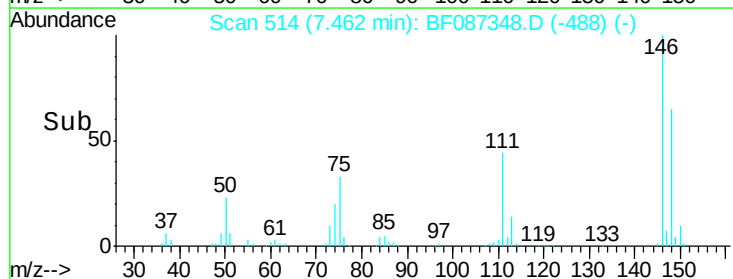
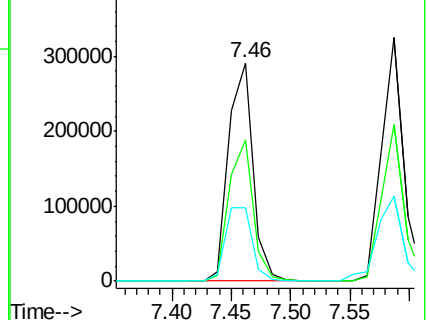
75 33.3 22.8 34.2

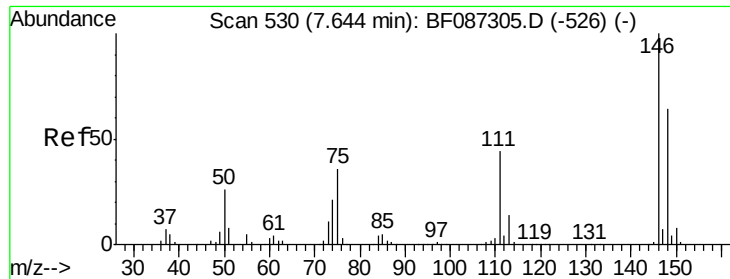


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

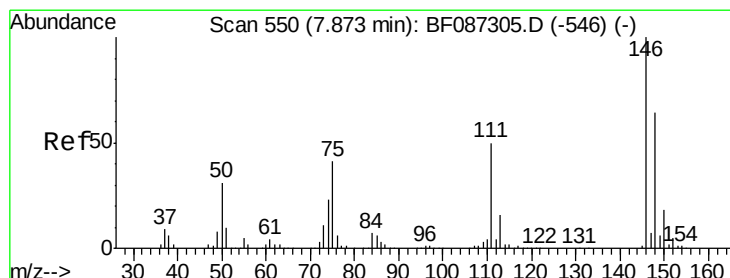
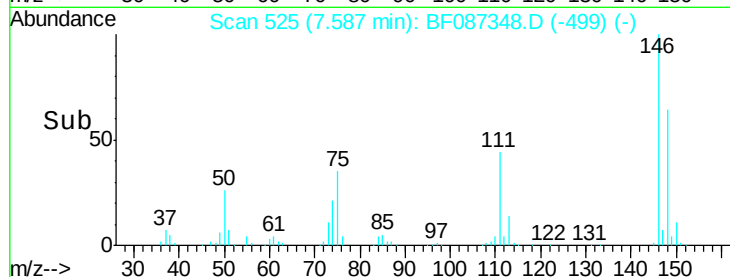
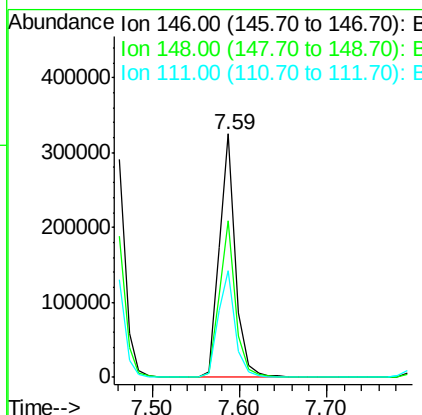
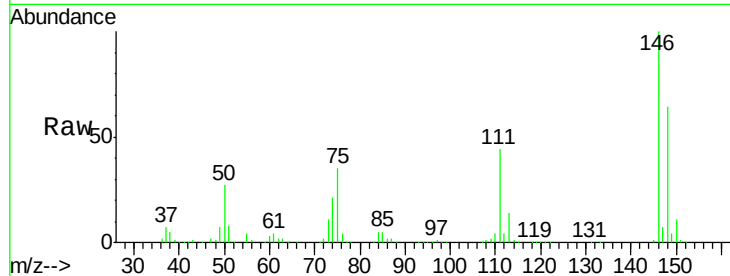




#13
 1,4-Dichlorobenzene
 Concen: 48.82 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

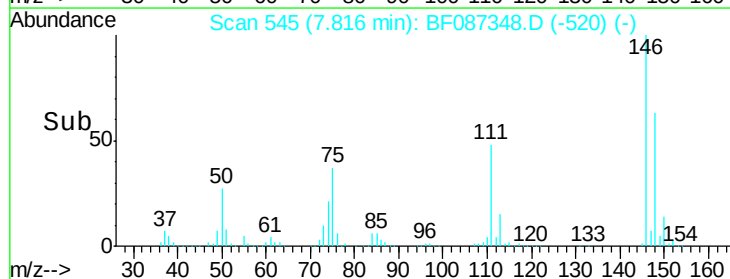
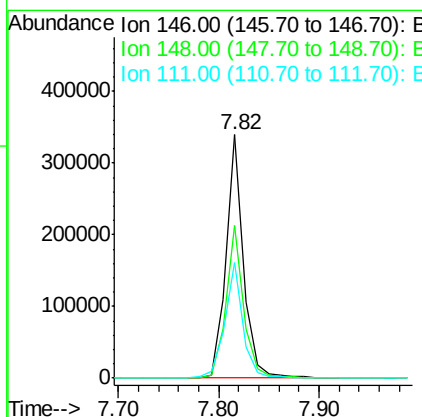
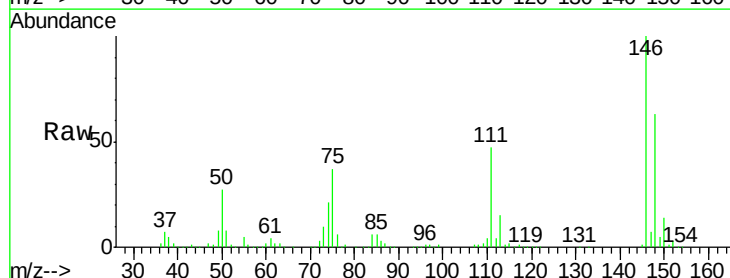
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

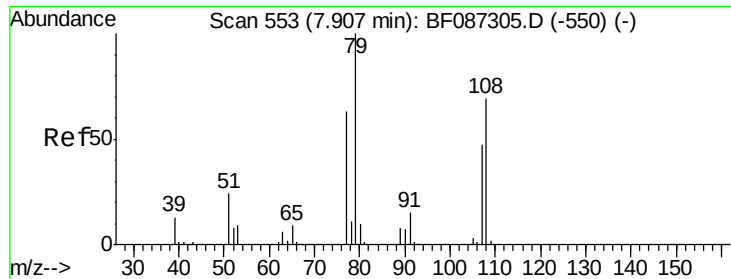
Tot Ion:146 Resp: 425385
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 43.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 50.61 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:146 Resp: 407979
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 47.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 63.02 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

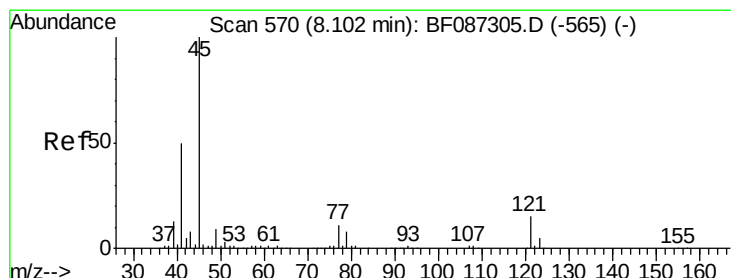
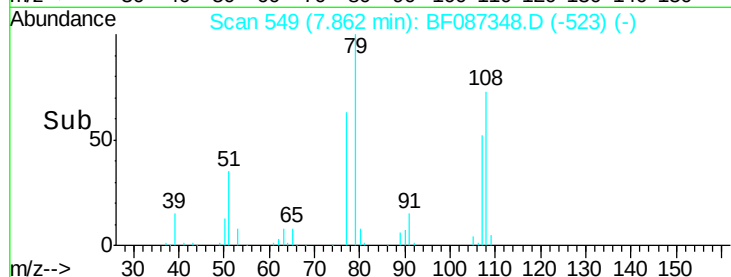
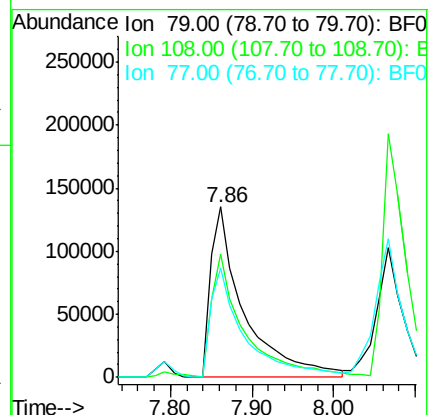
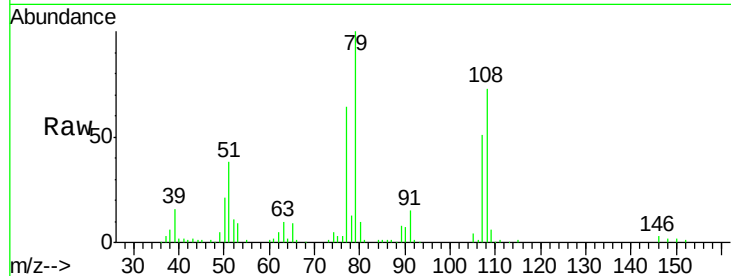
Tot Ion: 79 Resp: 387450

Ion Ratio Lower Upper

79 100

108 72.6 68.4 102.6

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.46 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

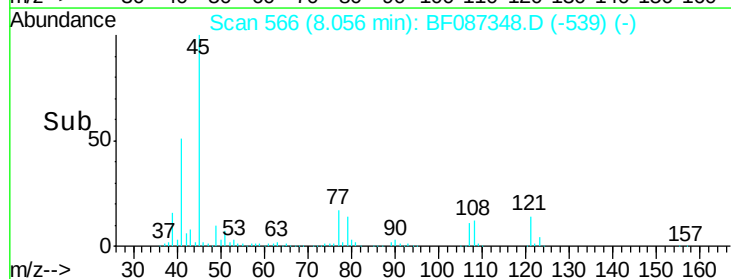
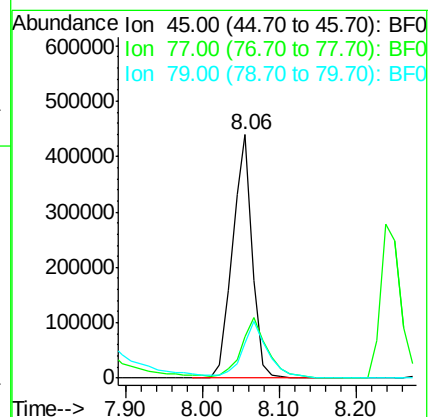
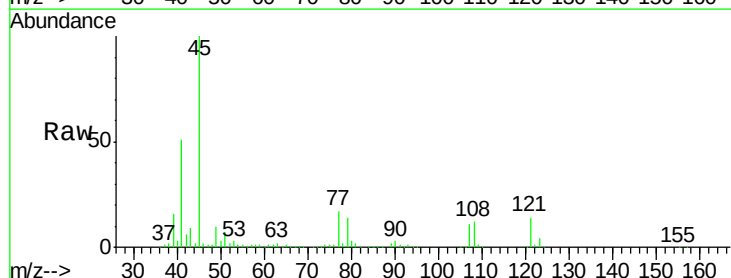
Tgt Ion: 45 Resp: 795758

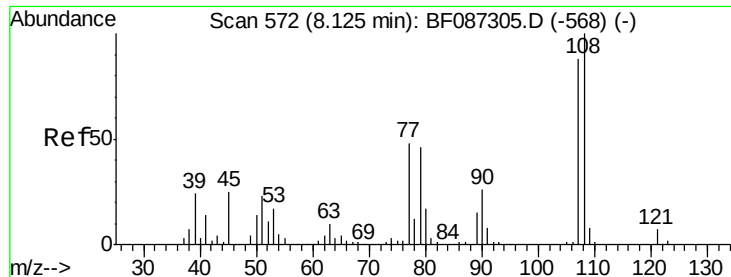
Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.4

79 14.4 0.0 33.4

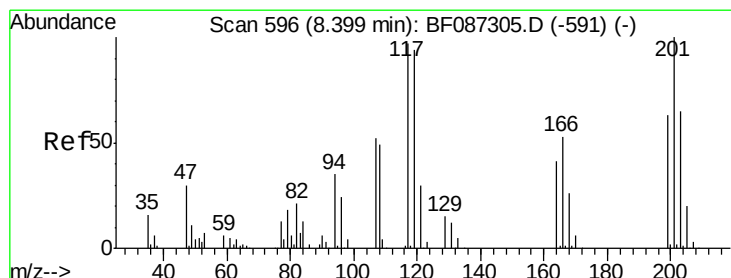
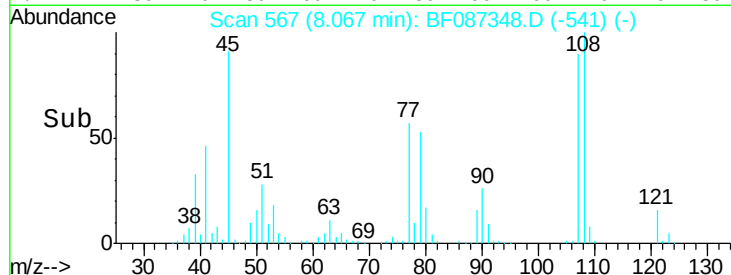
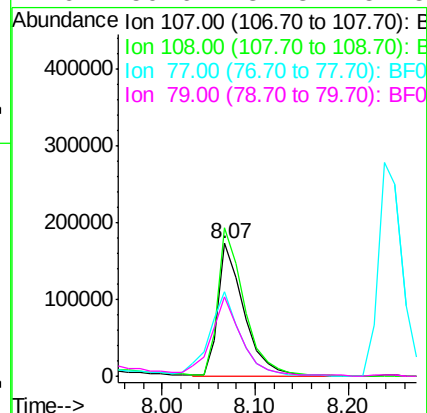
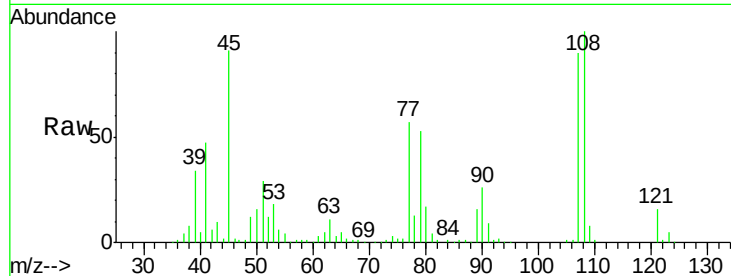




#17
2-Methylphenol
Concen: 53.49 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

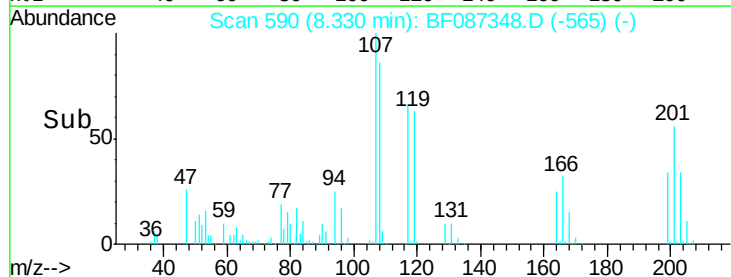
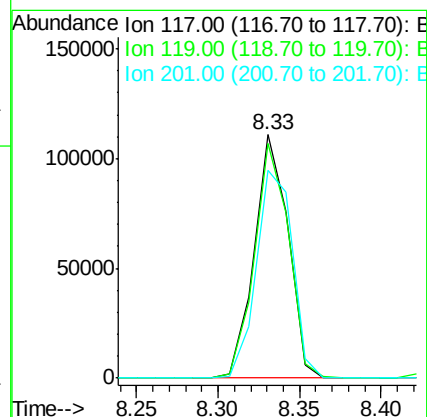
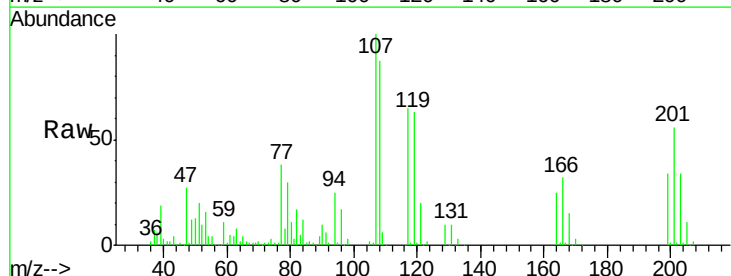
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

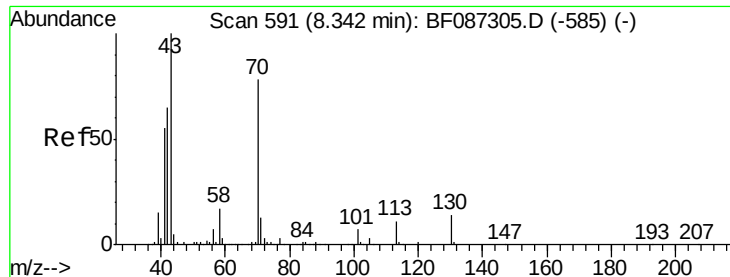
Tot Ion:107 Resp: 333626
Ion Ratio Lower Upper
107 100
108 111.7 93.7 140.5
77 63.4 33.4 50.0#
79 59.6 34.3 51.5#



#18
Hexachloroethane
Concen: 48.86 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:117 Resp: 158835
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
201 85.3 63.0 94.6

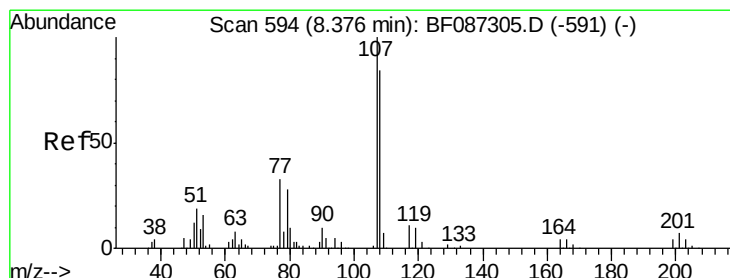
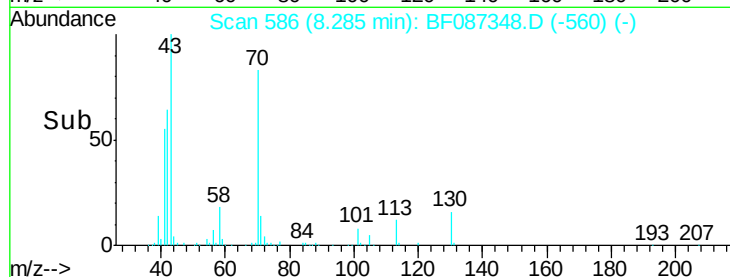
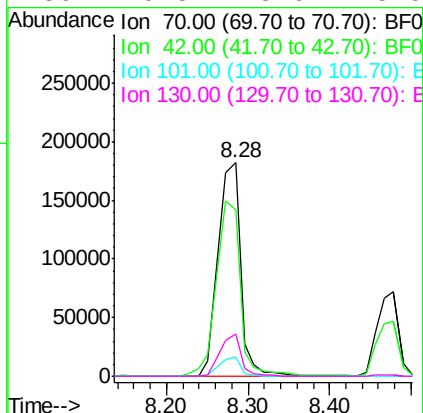
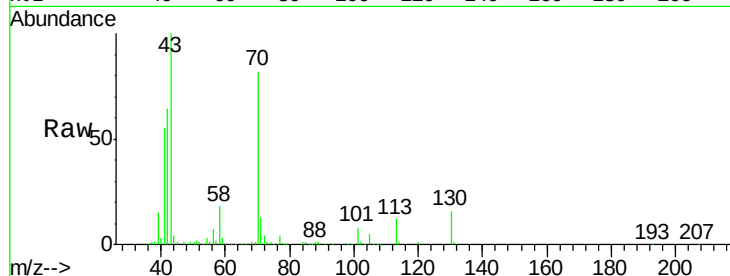




#19
n-Nitroso-di-n-propylamine
Concen: 55.45 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

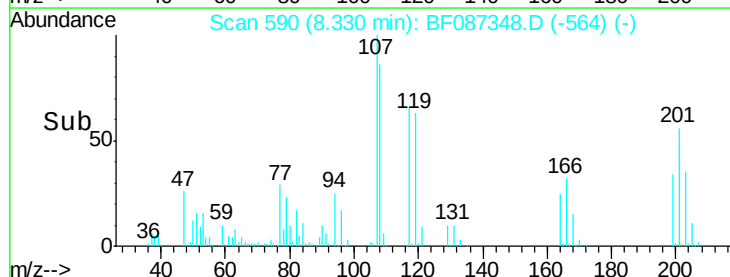
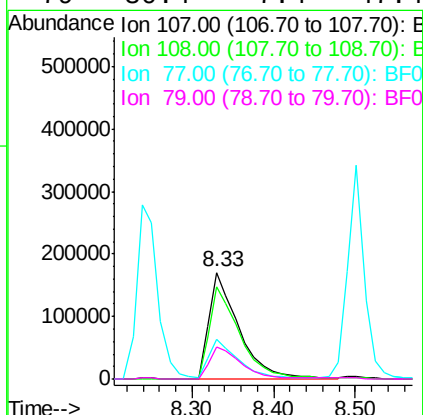
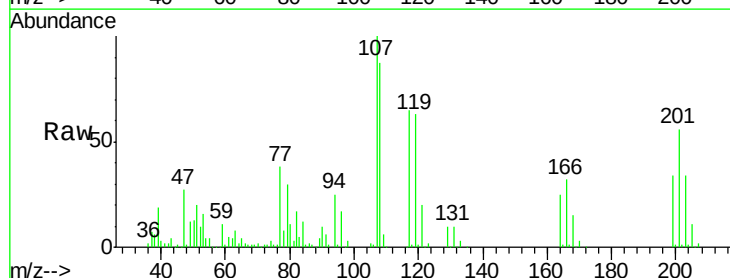
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

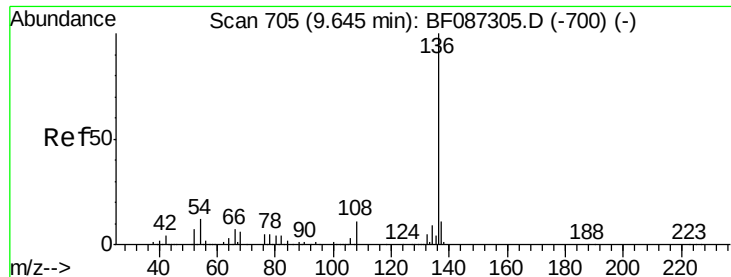
Tot Ion: 70 Resp: 348705
Ion Ratio Lower Upper
70 100
42 78.0 43.1 64.7#
101 9.3 8.1 12.1
130 19.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 57.31 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion: 107 Resp: 432120
Ion Ratio Lower Upper
107 100
108 86.6 68.5 108.5
77 37.8 101.6 141.6#
79 30.4 7.4 47.4

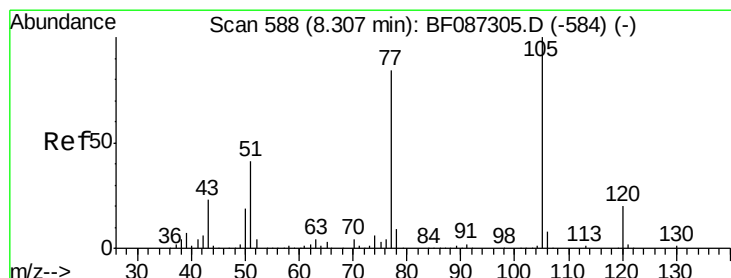
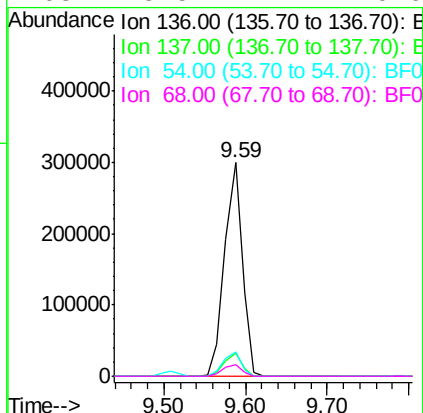
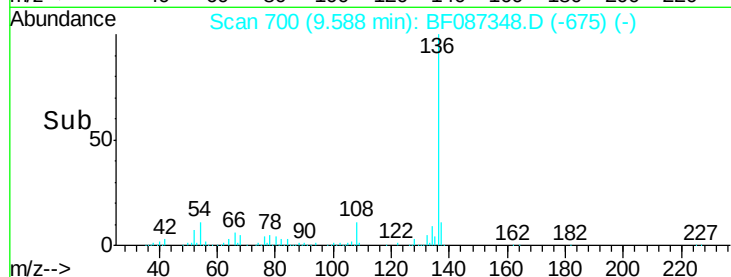
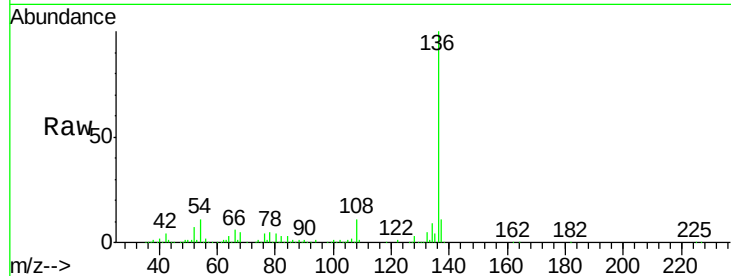




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

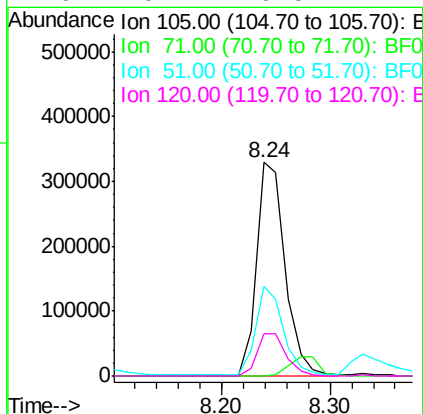
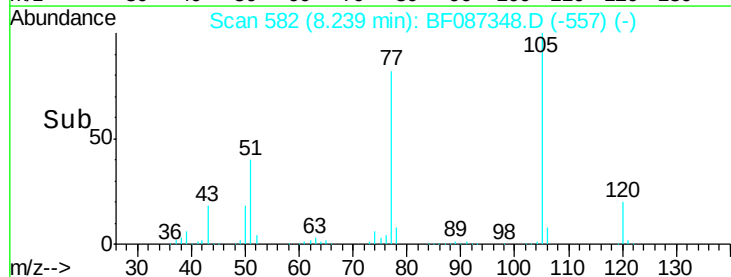
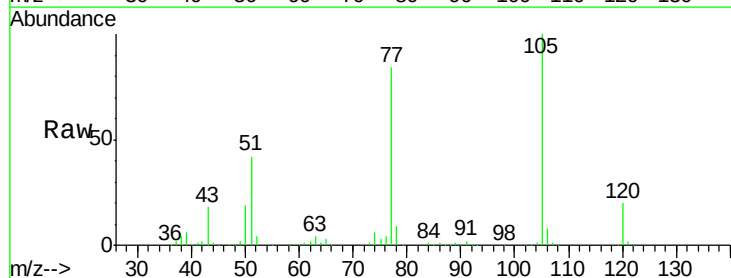
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

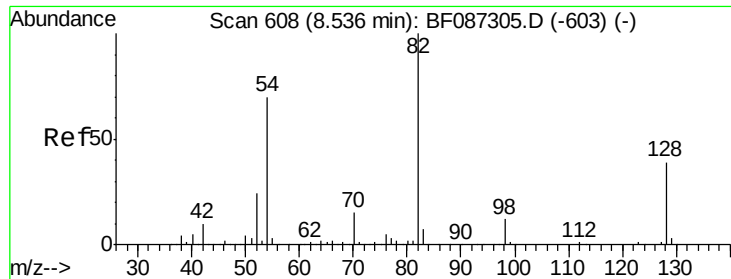
Tot Ion:136	Resp:	455137
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	11.3	5.0 7.4#
68	5.5	4.4 6.6



#22
Acetophenone
Concen: 55.55 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:105	Resp:	604006
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.8 7.2#
51	42.1	32.6 49.0
120	19.7	16.5 24.7

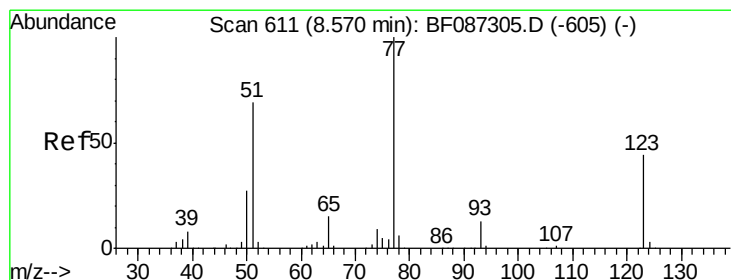
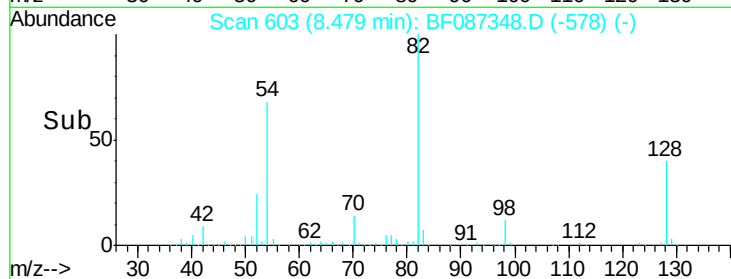
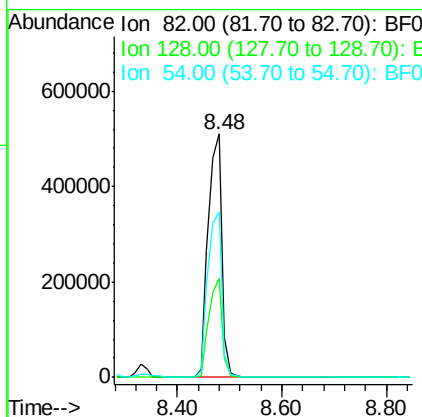
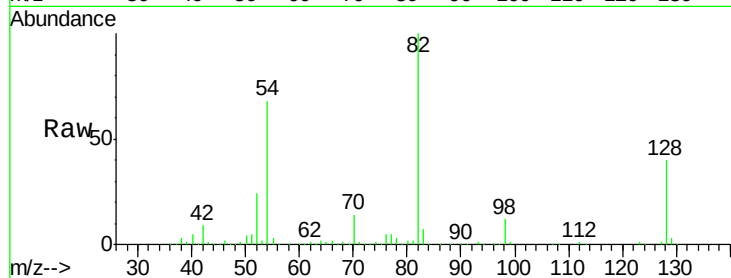




#23
 Nitrobenzene-d5
 Concen: 103.55 na
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

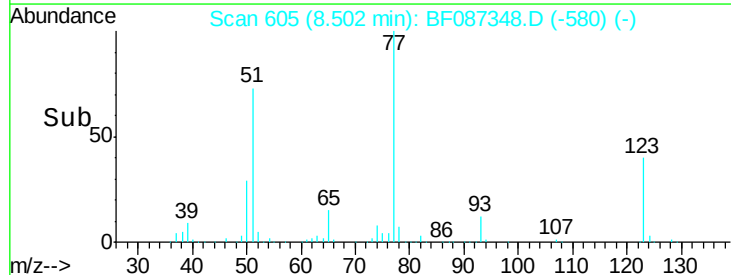
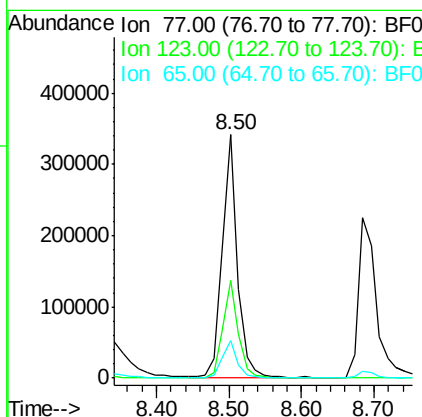
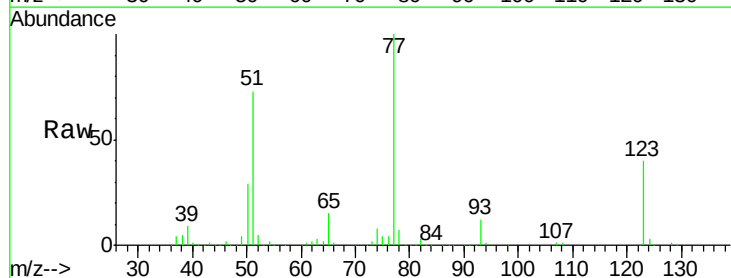
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

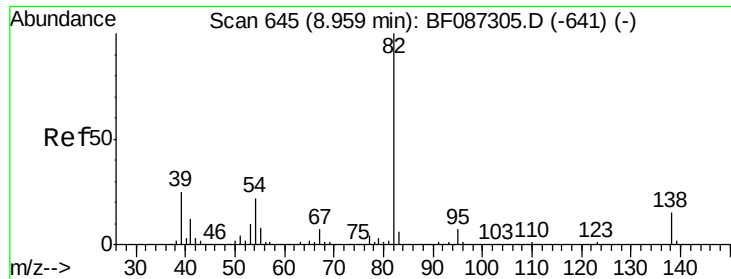
Tot Ion: 82 Resp: 935104
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 67.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 51.13 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion: 77 Resp: 487380
 Ion Ratio Lower Upper
 77 100
 123 40.1 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 53.17 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

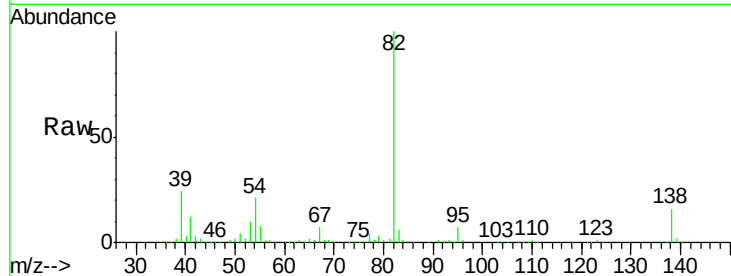
Tot Ion: 82 Resp: 861219

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

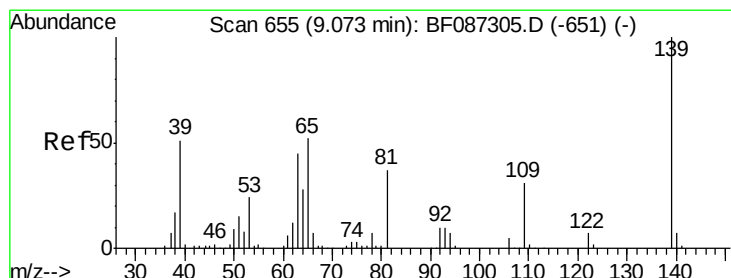
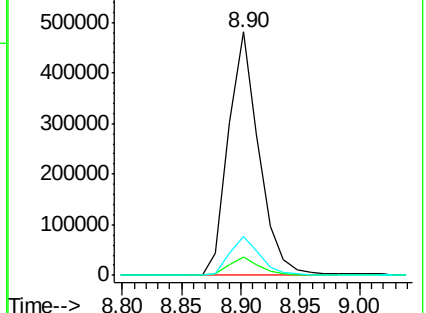
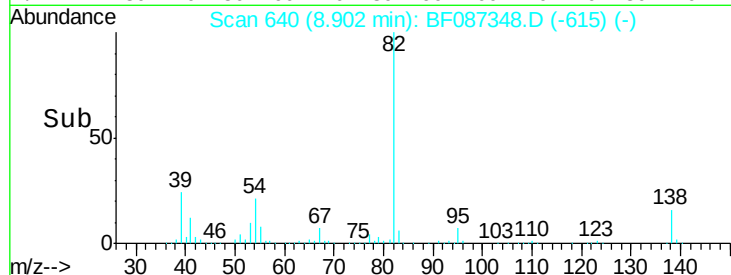
138 15.7 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.86 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

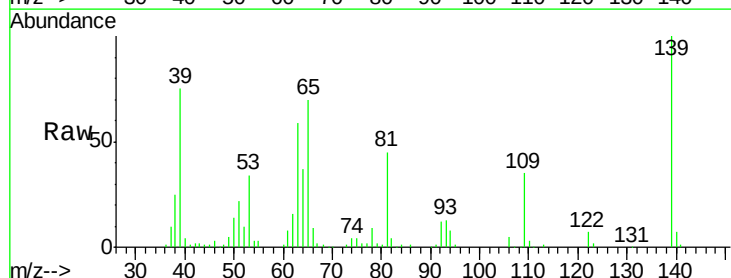
Tgt Ion: 139 Resp: 213779

Ion Ratio Lower Upper

139 100

109 35.0 19.5 29.3#

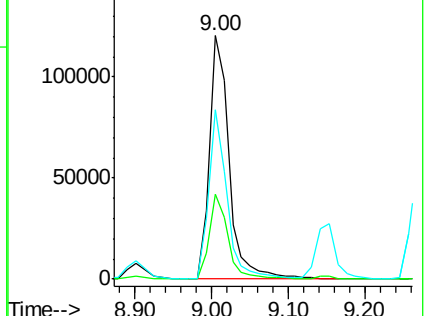
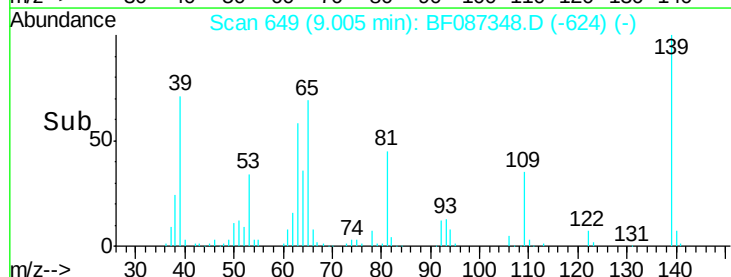
65 69.7 37.5 56.3#

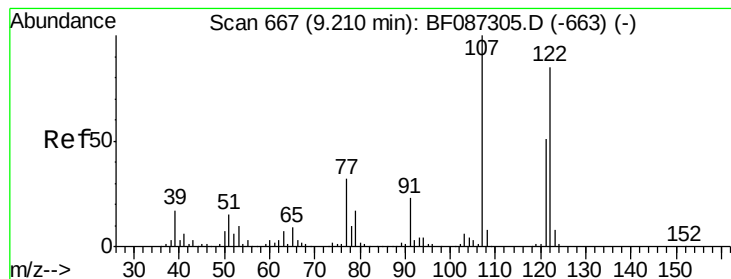


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 54.83 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

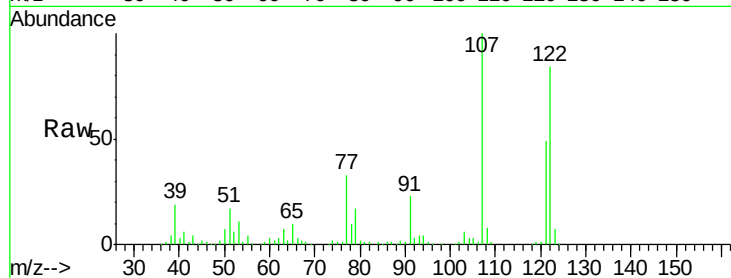
Tot Ion:122 Resp: 370869

Ion Ratio Lower Upper

122 100

107 118.5 82.0 123.0

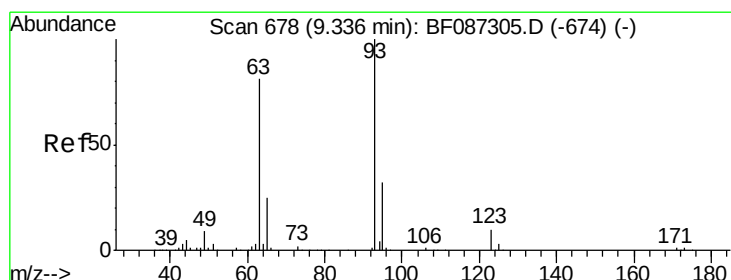
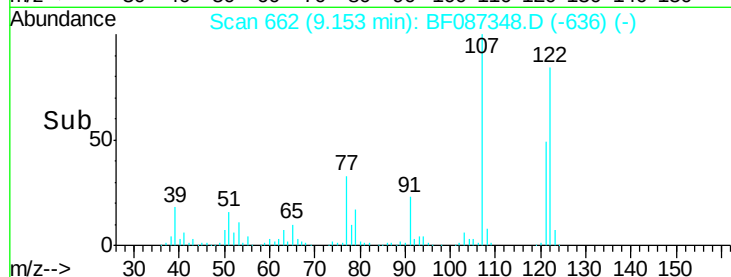
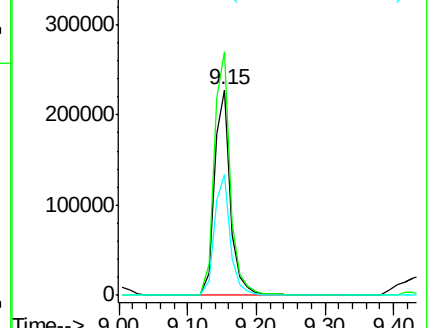
121 58.5 46.1 69.1



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: 56.73 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

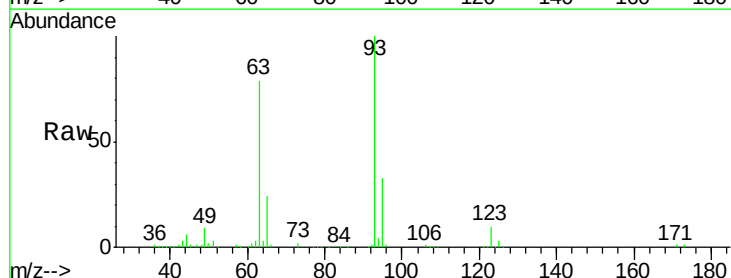
Tgt Ion: 93 Resp: 517575

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

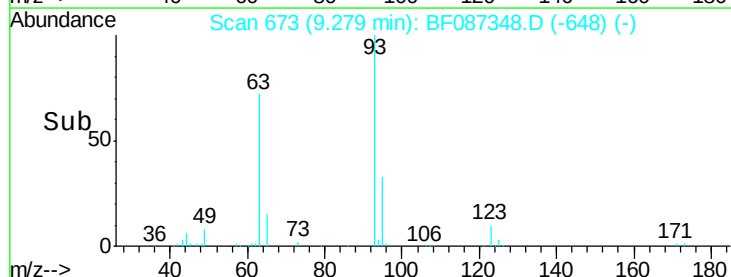
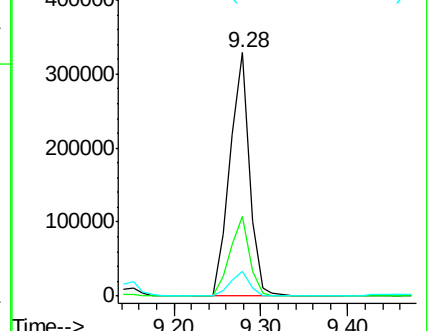
123 10.0 9.5 14.3

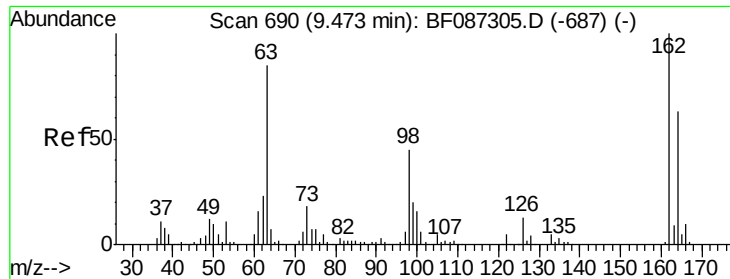


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

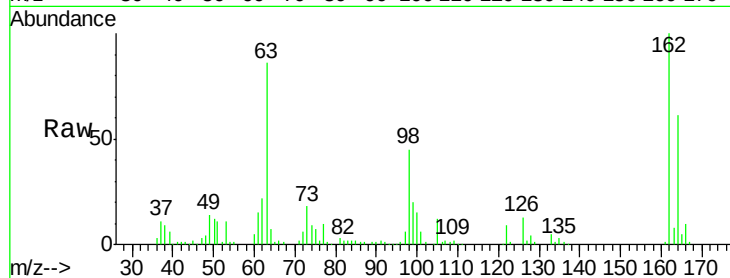




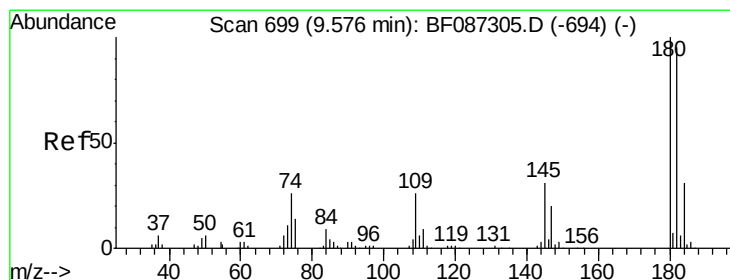
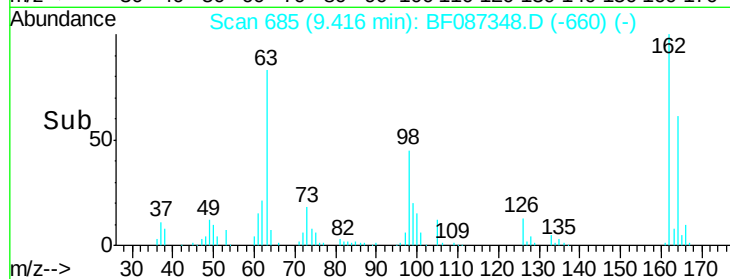
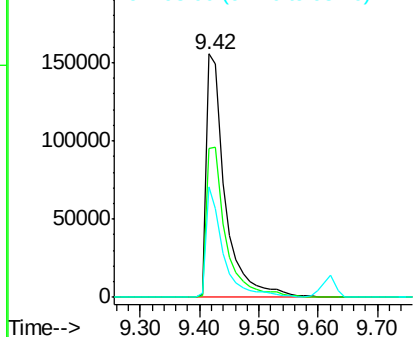
#29
 2,4-Dichlorophenol
 Concen: 56.48 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion:162 Resp: 344314
 Ion Ratio Lower Upper
 162 100
 164 61.1 42.2 82.2
 98 45.5 19.0 59.0

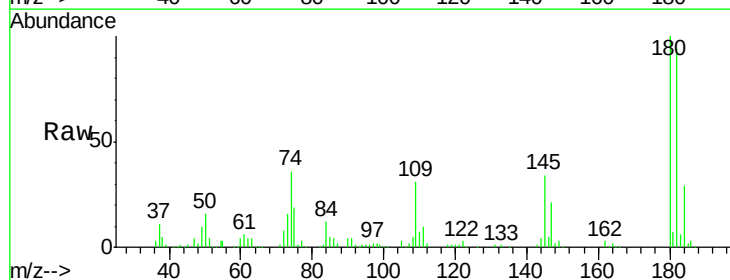


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

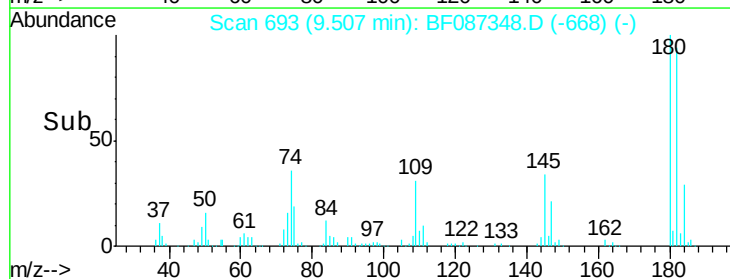
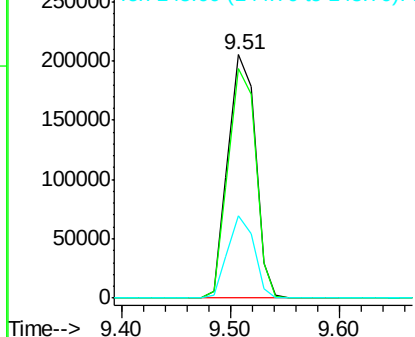


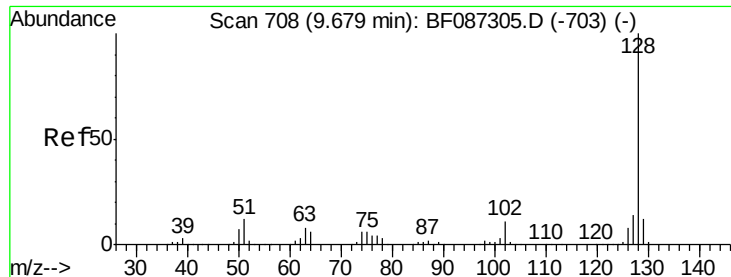
#30
 1,2,4-Trichlorobenzene
 Concen: 51.50 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:180 Resp: 359414
 Ion Ratio Lower Upper
 180 100
 182 94.2 78.0 117.0
 145 33.9 24.2 36.2



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

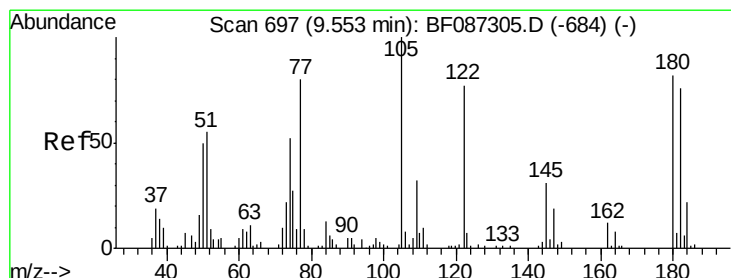
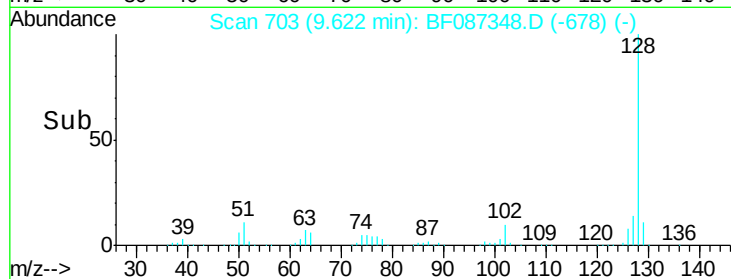
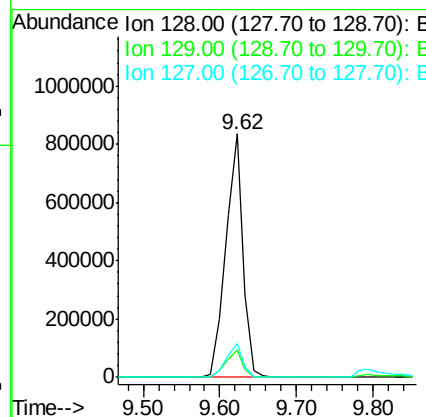
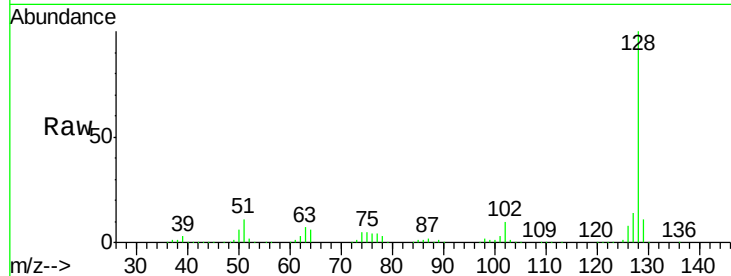




#31
Naphthalene
Concen: 57.77 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

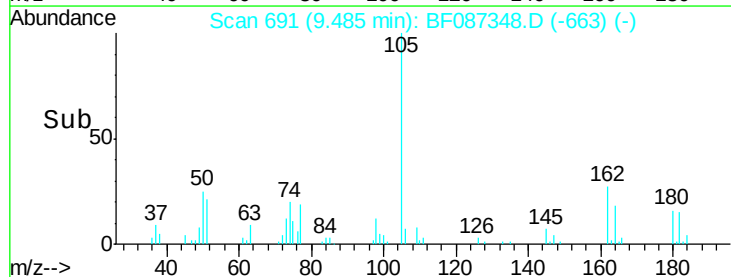
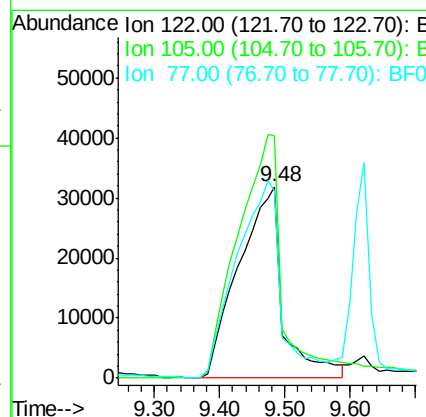
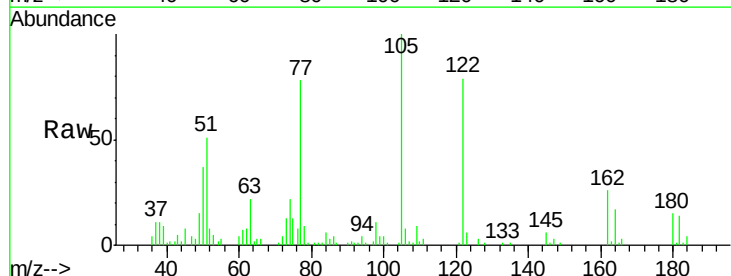
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

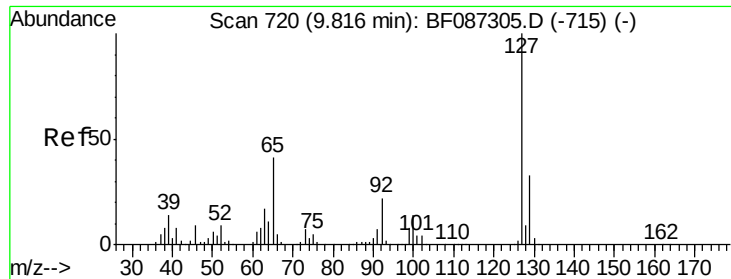
Tot Ion:128 Resp: 1317521
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 43.96 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:122 Resp: 151176
Ion Ratio Lower Upper
122 100
105 126.3 92.6 132.6
77 98.0 60.0 100.0

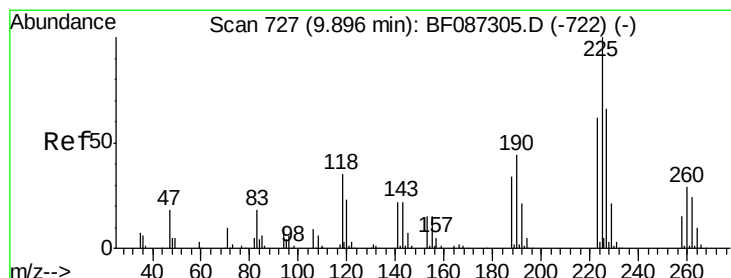
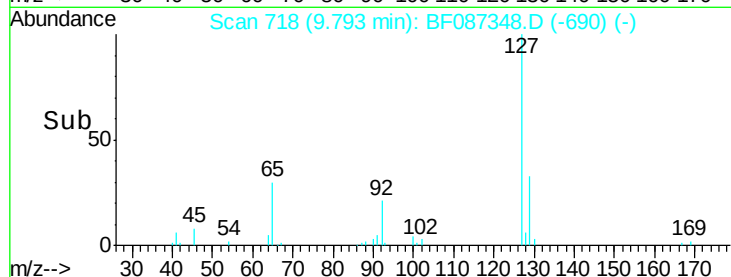
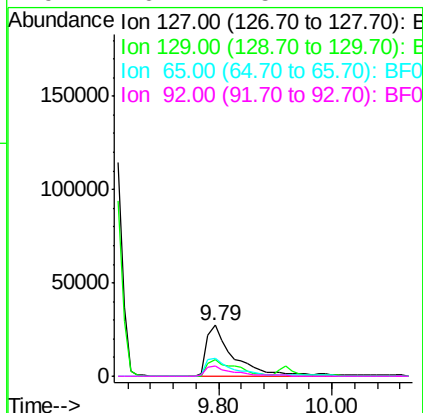
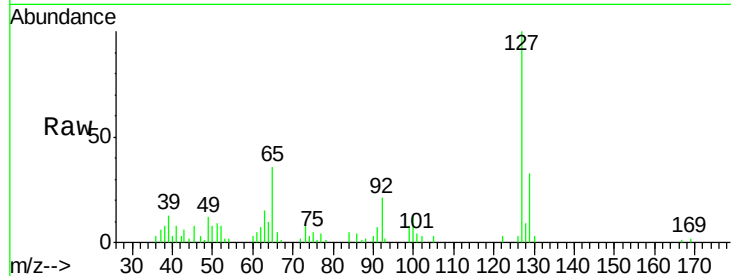




#33
4-Chloroaniline
Concen: 10.82 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

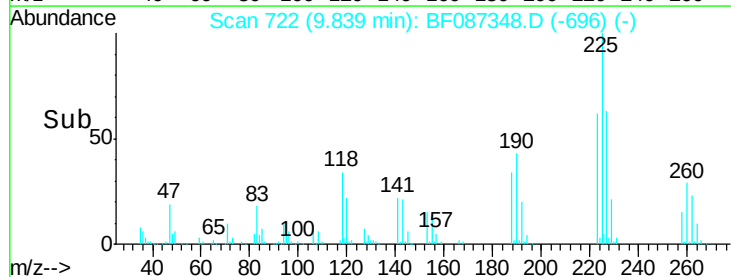
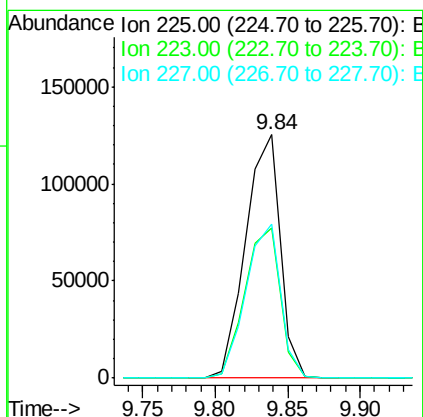
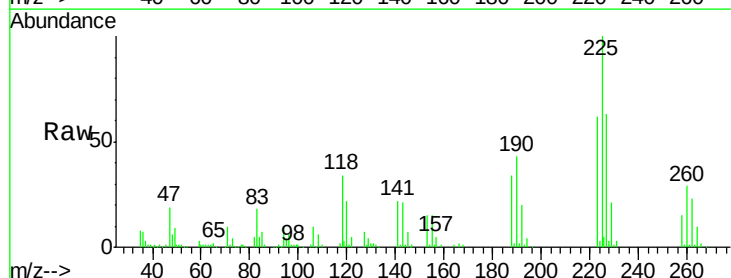
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

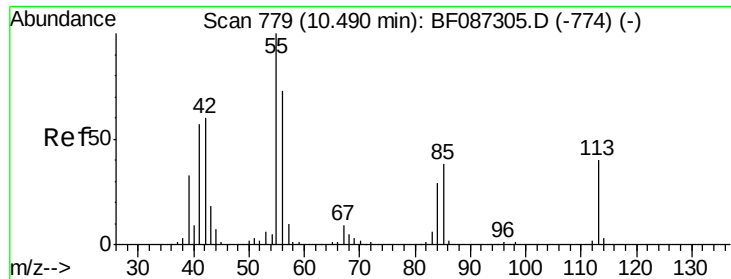
Tot Ion:127	Resp:	90902
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.2 39.4
65	36.4	23.0 34.4
92	20.7	15.1 22.7



#34
Hexachlorobutadiene
Concen: 48.83 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:225	Resp:	207125
Ion Ratio	Lower	Upper
225	100	
223	61.8	51.5 77.3
227	63.3	52.2 78.2

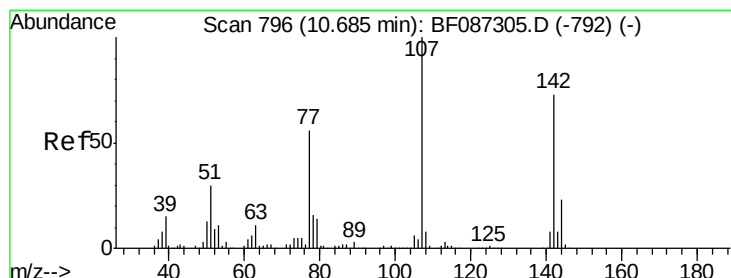
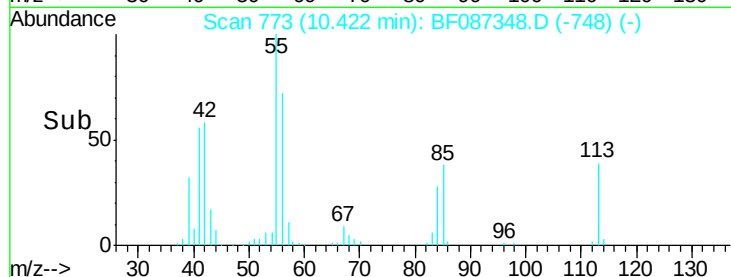
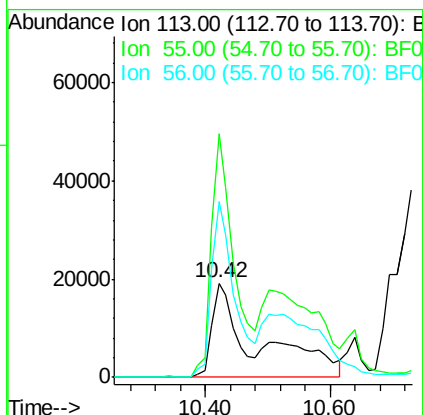
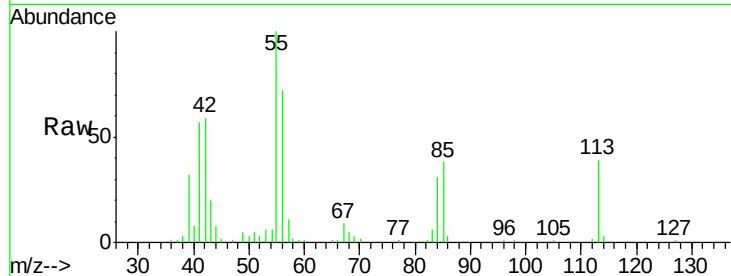




#35
 Caprolactam
 Concen: 54.02 ng/ml
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

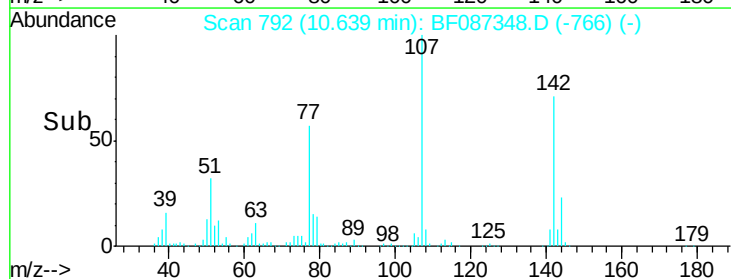
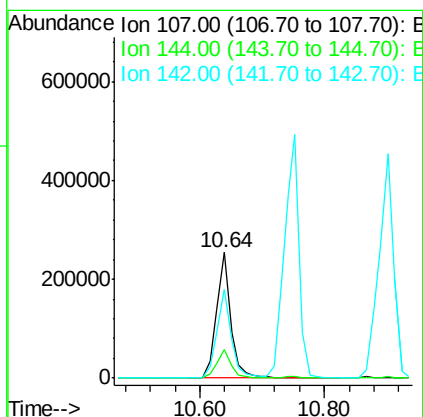
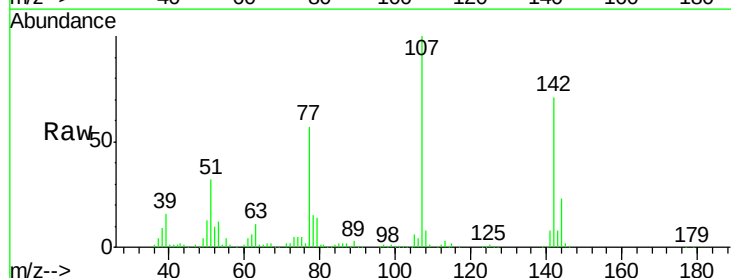
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

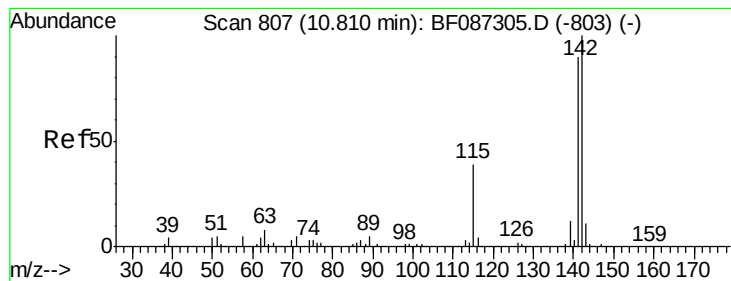
Tot Ion:113 Resp: 96118
 Ion Ratio Lower Upper
 113 100
 55 258.2 162.0 202.0#
 56 186.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 58.13 ng/ml
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:107 Resp: 400610
 Ion Ratio Lower Upper
 107 100
 144 22.5 20.7 31.1
 142 71.0 63.2 94.8





#37

2-Methylnaphthalene

Concen: 56.15 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

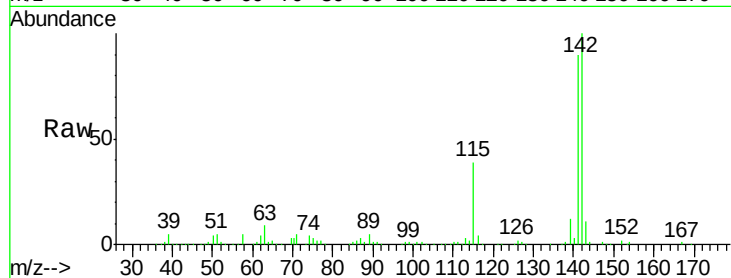
Tot Ion:142 Resp: 800075

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.6

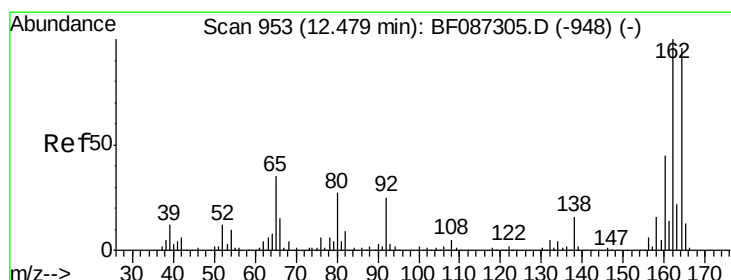
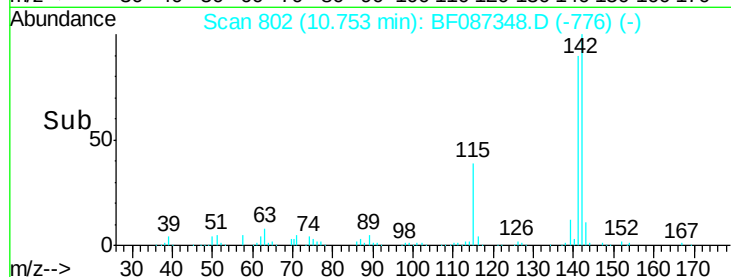
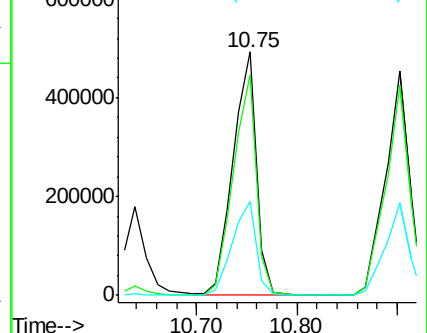
115 38.7 26.6 39.8



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: BF087348.D

Acq: 24 May 2016 20:53

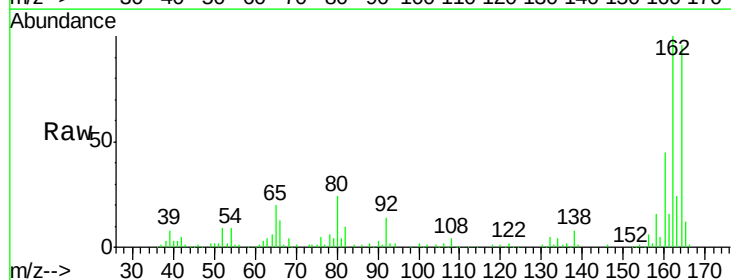
Tgt Ion:164 Resp: 218373

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

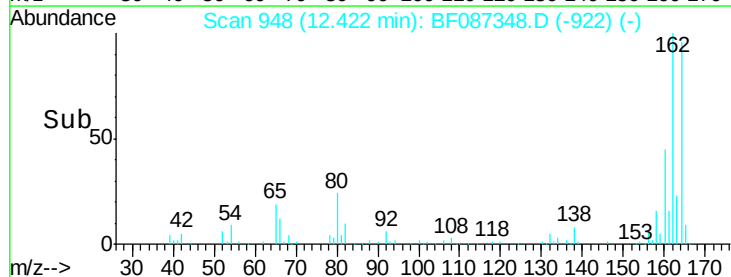
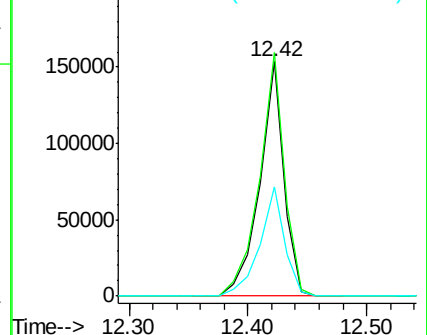
160 46.6 36.9 55.3

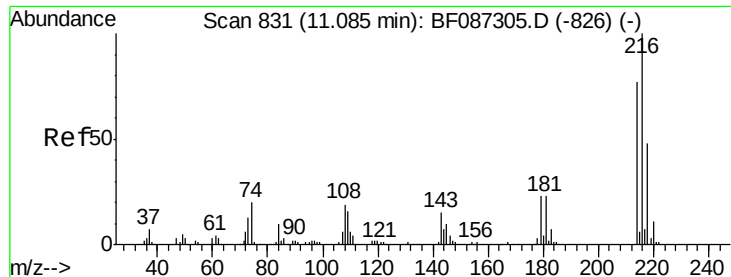


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

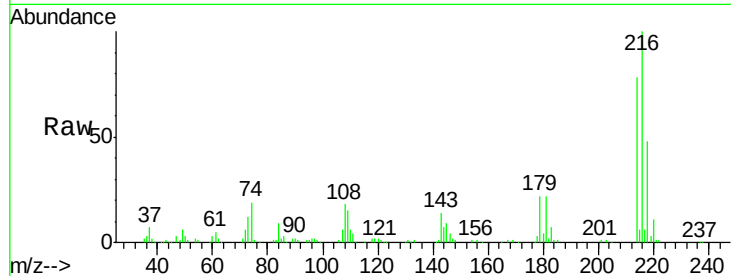




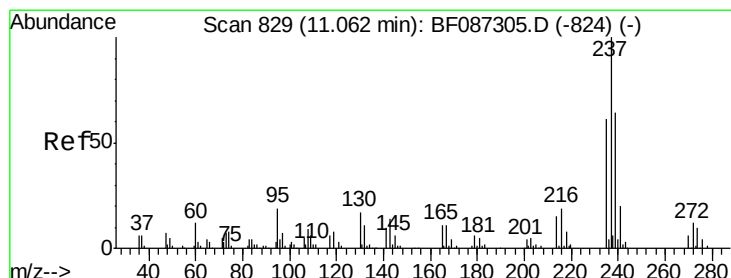
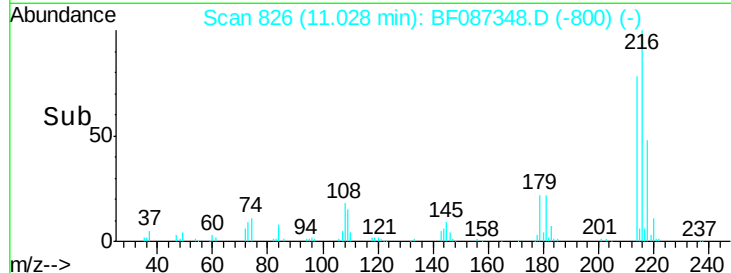
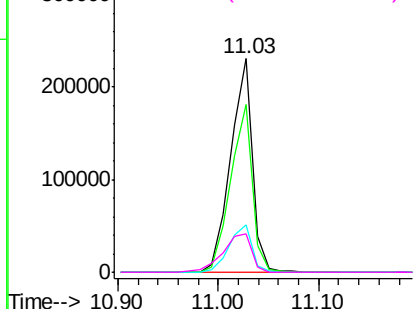
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.66 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion:216 Resp: 347149
 Ion Ratio Lower Upper
 216 100
 214 78.4 62.6 93.8
 179 23.3 18.2 27.4
 108 24.0 17.5 26.3

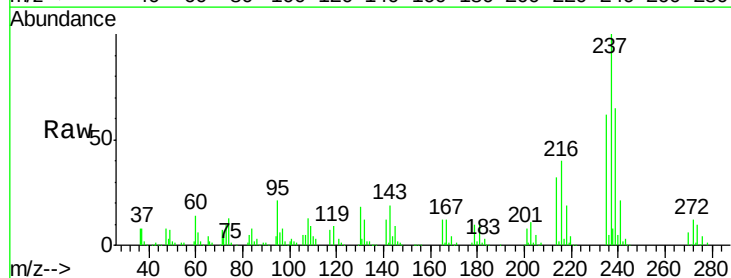


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

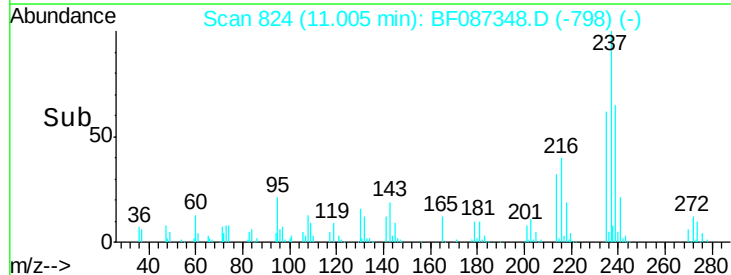
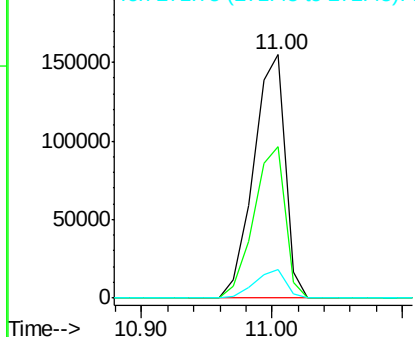


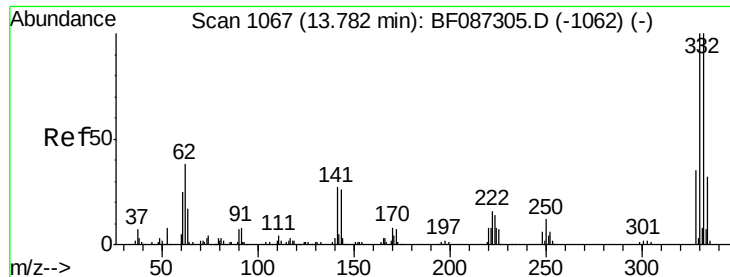
#40
 Hexachlorocyclopentadiene
 Concen: 89.66 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:237 Resp: 261631
 Ion Ratio Lower Upper
 237 100
 235 62.4 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

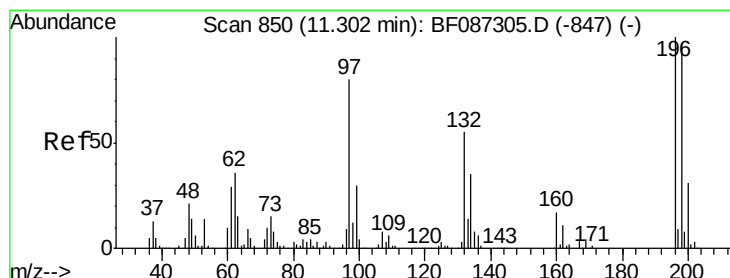
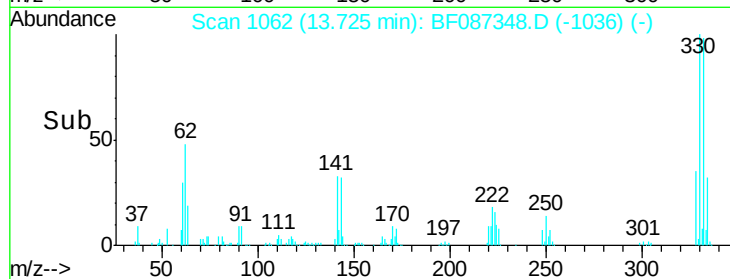
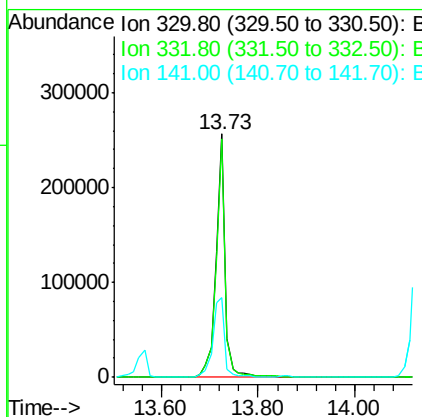
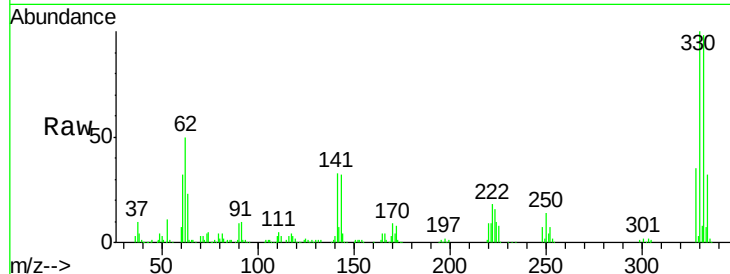




#41
 2,4,6-Tribromophenol
 Concen: 167.55 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

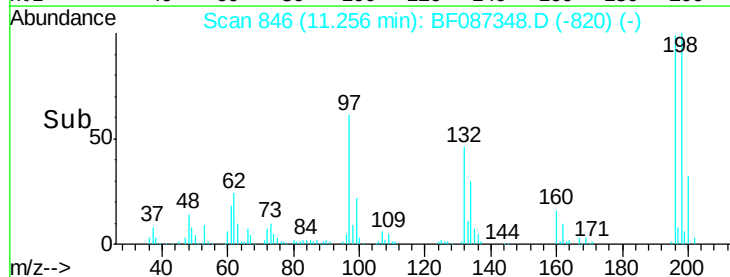
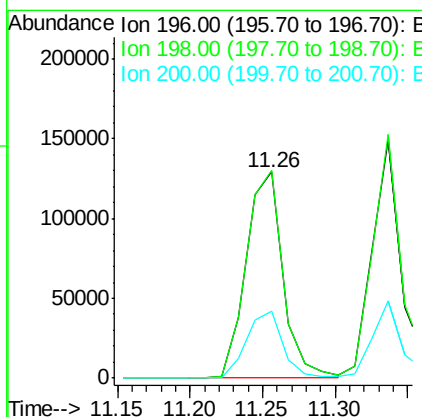
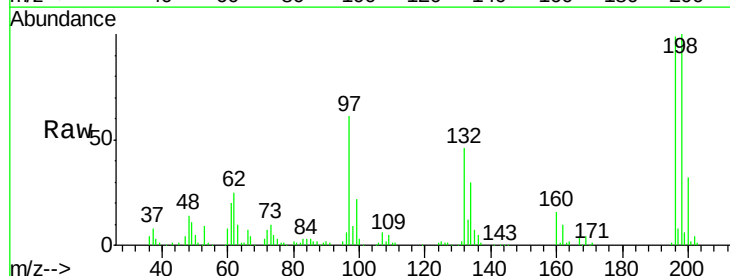
Instrument :
 BNA_F
 ClientSampleId :
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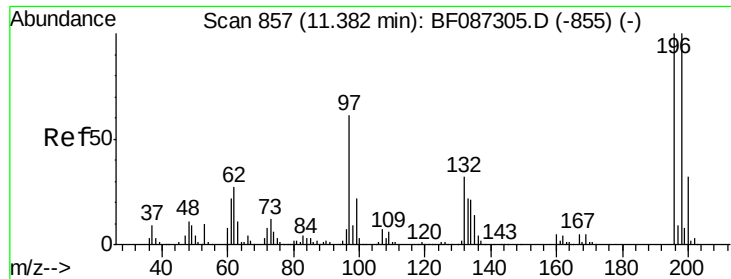
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	42.1	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 56.46 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	74.7	112.1
200	32.3	23.8	35.6

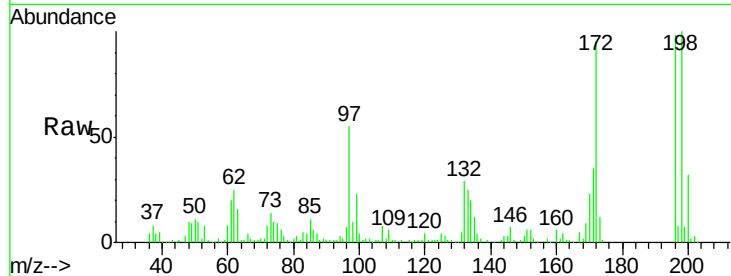




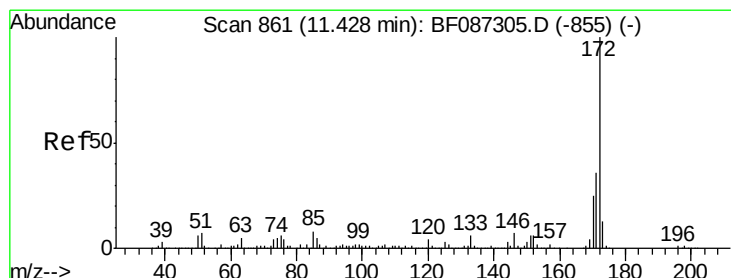
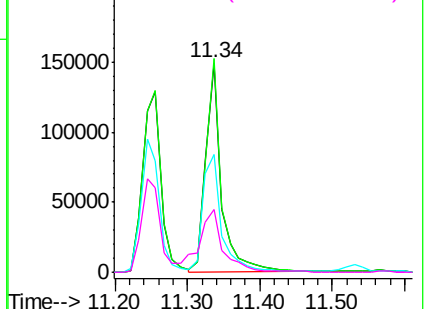
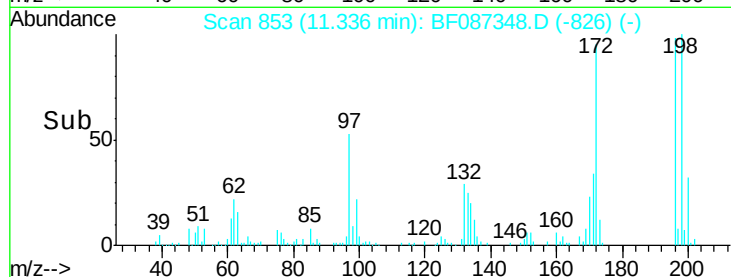
#43
 2,4,5-Trichlorophenol
 Concen: 55.07 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion:196 Resp: 226292
 Ion Ratio Lower Upper
 196 100
 198 102.3 77.5 116.3
 97 56.6 34.8 52.2#
 132 30.1 23.0 34.4

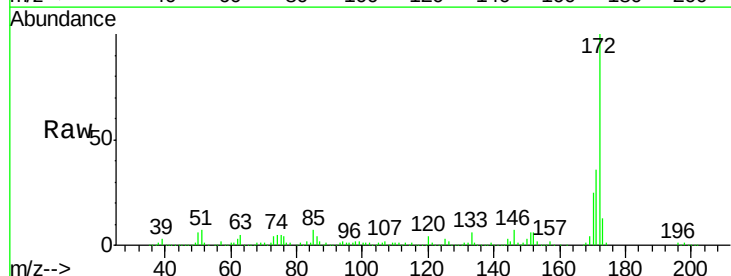


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

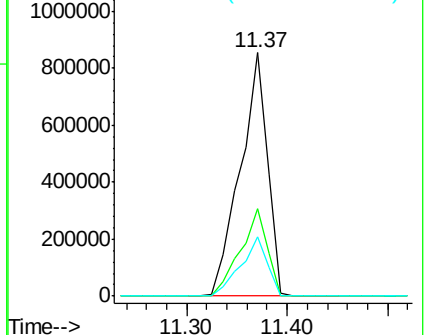
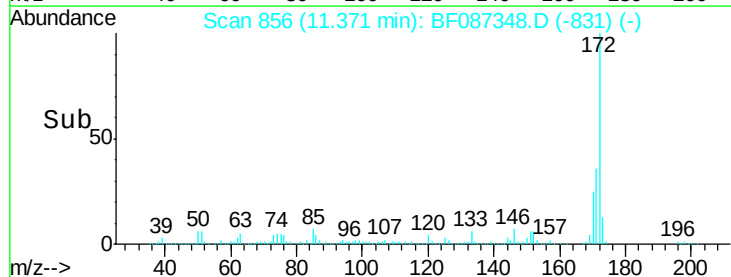


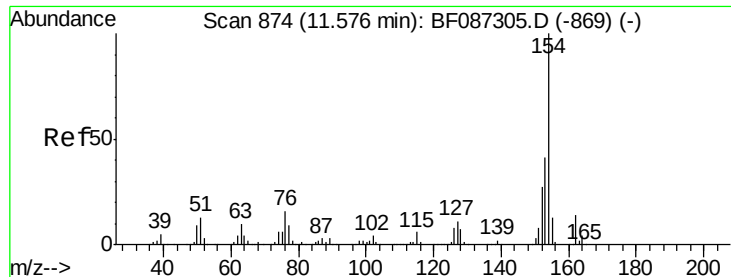
#44
 2-Fluorobiphenyl
 Concen: 103.62 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:172 Resp: 1605097
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.5 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

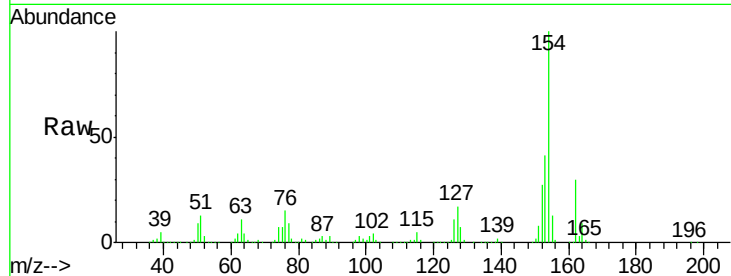




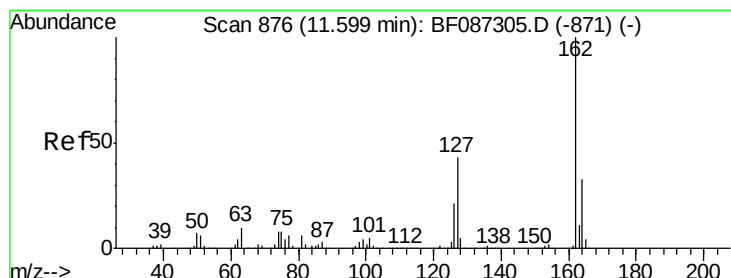
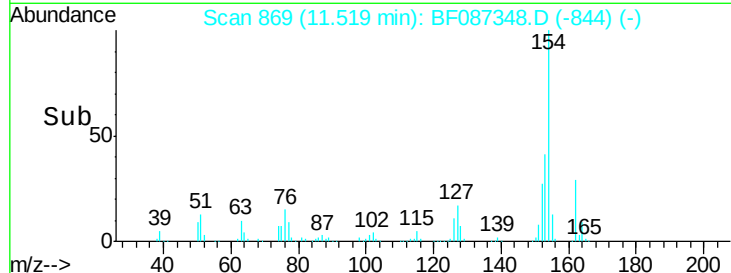
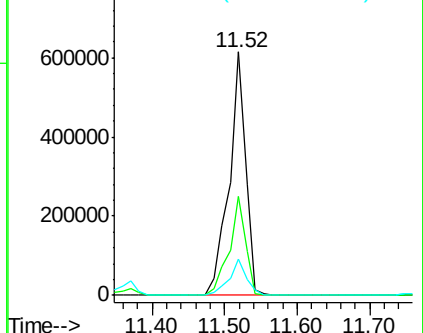
#45
 1,1'-Biphenyl
 Concen: 52.88 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion:154 Resp: 972314
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 15.0 0.0 30.2

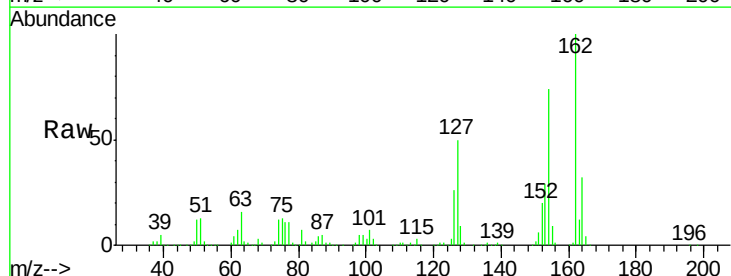


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

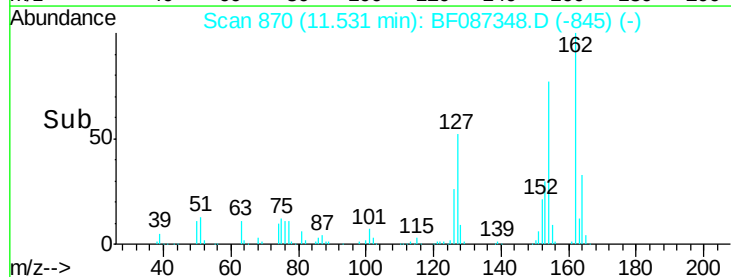
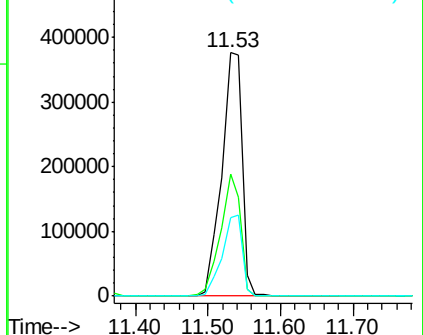


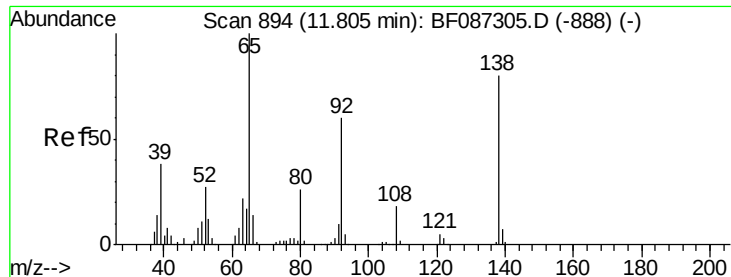
#46
 2-Chloronaphthalene
 Concen: 52.39 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:162 Resp: 736861
 Ion Ratio Lower Upper
 162 100
 127 50.1 31.8 47.6#
 164 32.3 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

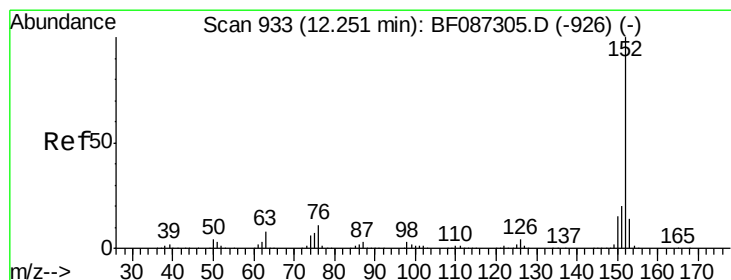
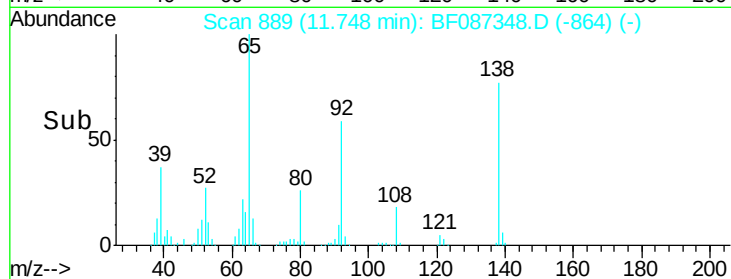
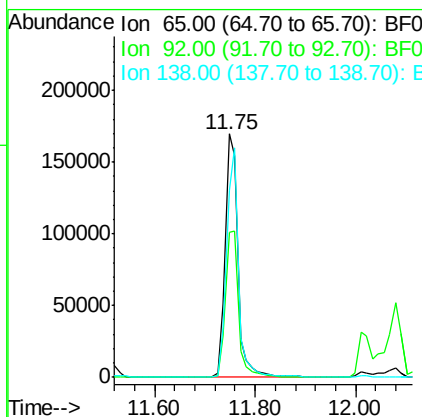
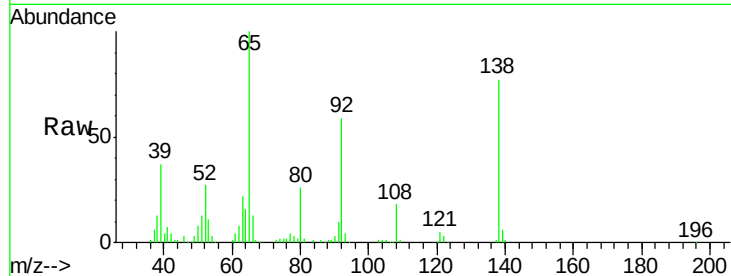




#47
2-Nitroaniline
Concen: 59.84 ng
RT: 11.75 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

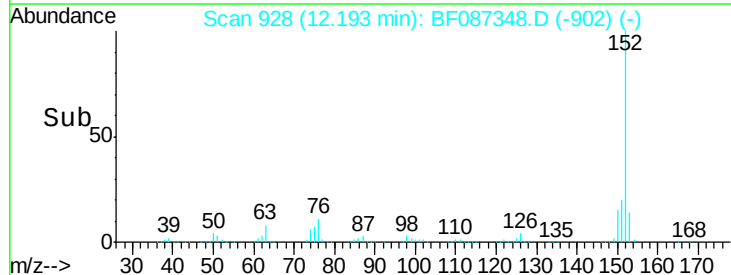
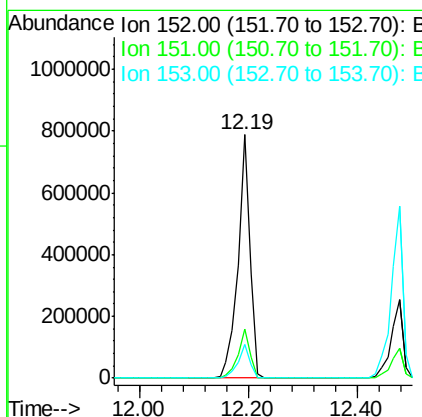
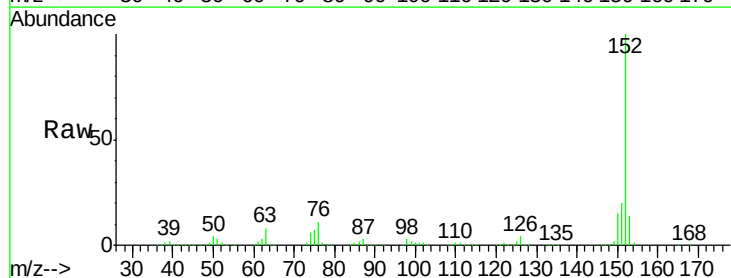
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

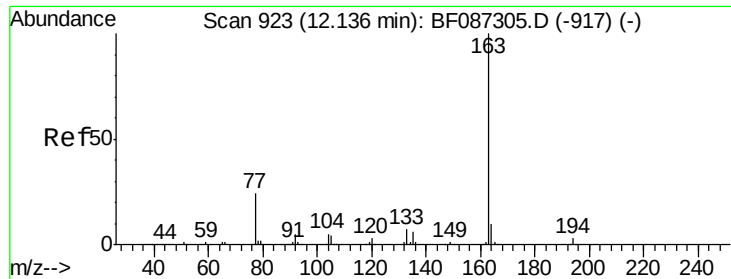
Tot Ion: 65 Resp: 303267
Ion Ratio Lower Upper
65 100
92 59.4 57.4 86.2
138 77.0 90.1 135.1#



#48
Acenaphthylene
Concen: 53.54 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion: 152 Resp: 1192263
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.9 10.9 16.3

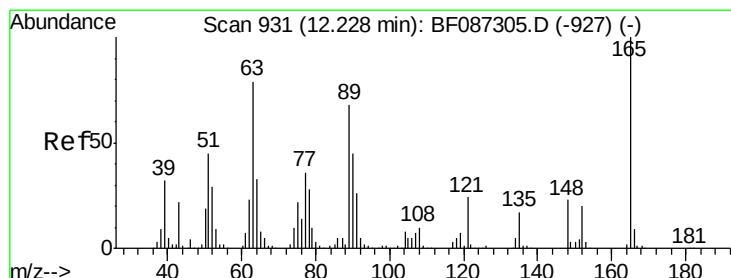
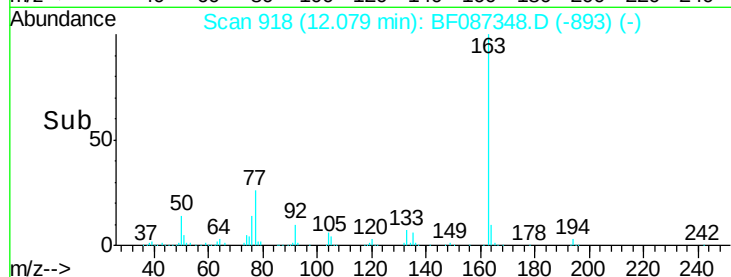
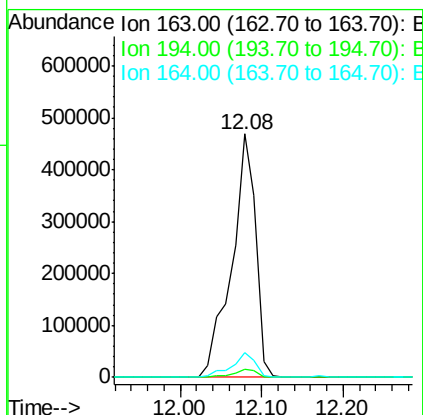
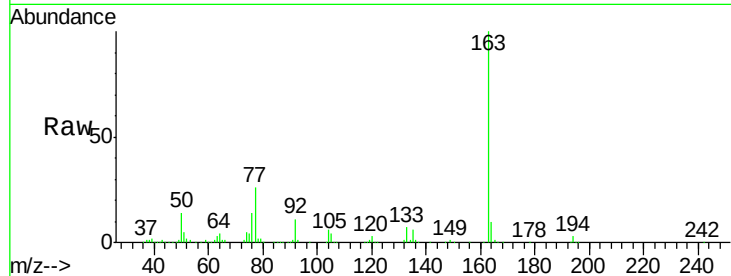




#49
Dimethylphthalate
Concen: 54.49 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

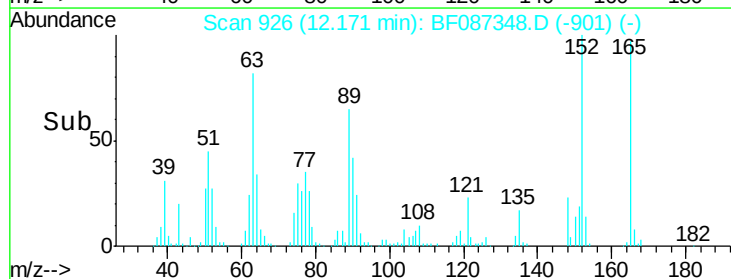
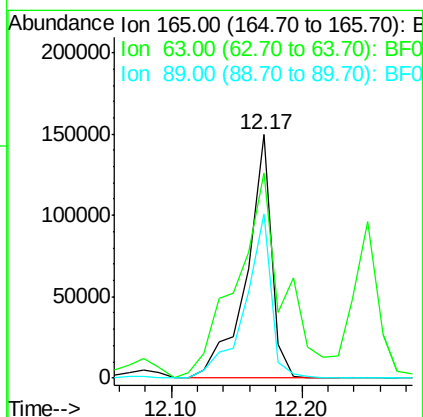
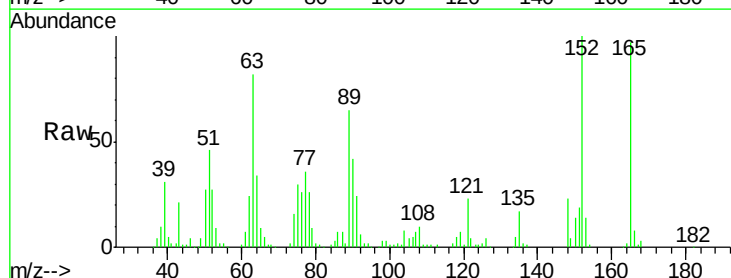
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

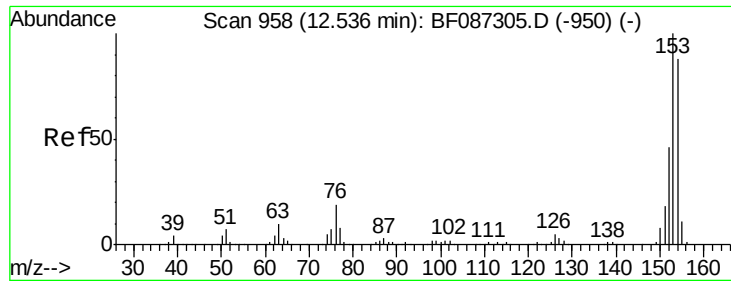
Tot Ion:163 Resp: 953153
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 56.67 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:165 Resp: 199740
Ion Ratio Lower Upper
165 100
63 84.4 51.8 77.8#
89 67.4 50.7 76.1

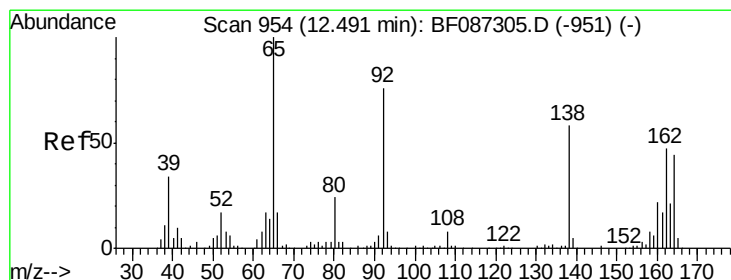
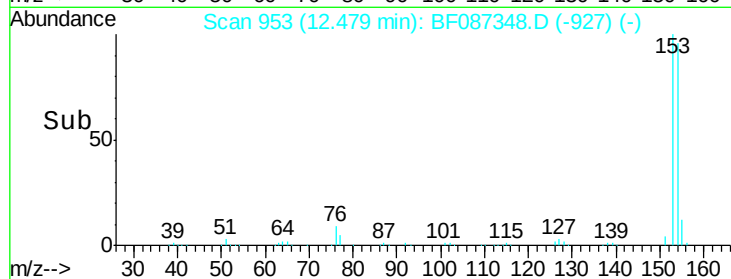
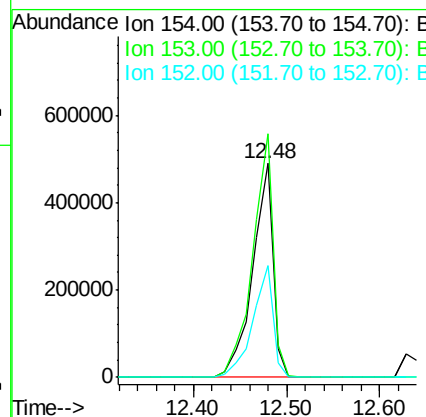
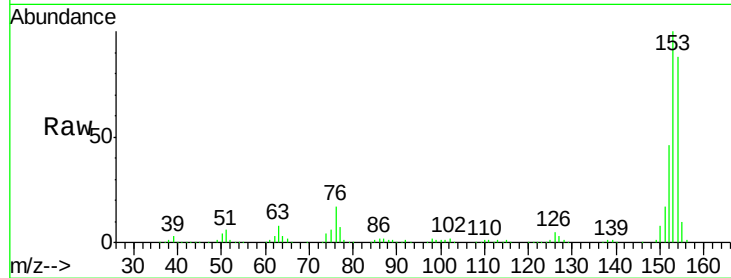




#51
Acenaphthene
Concen: 54.19 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

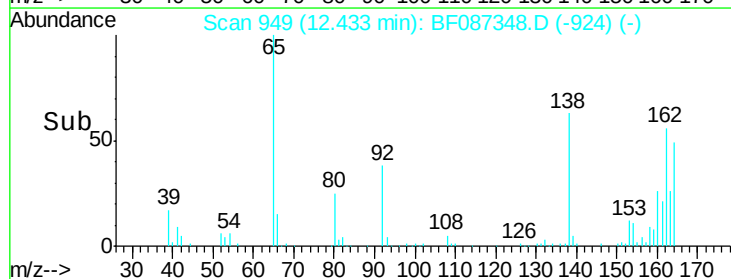
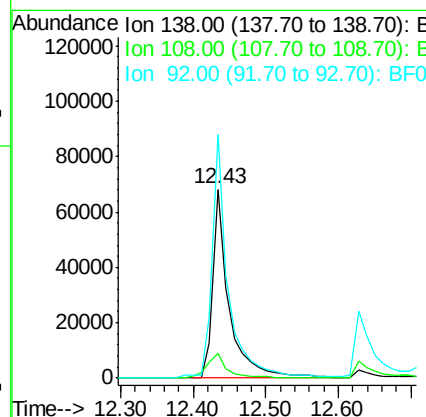
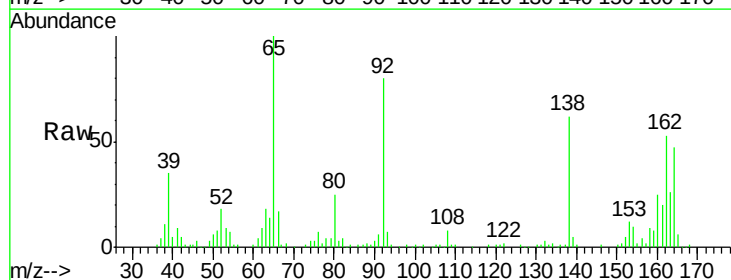
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

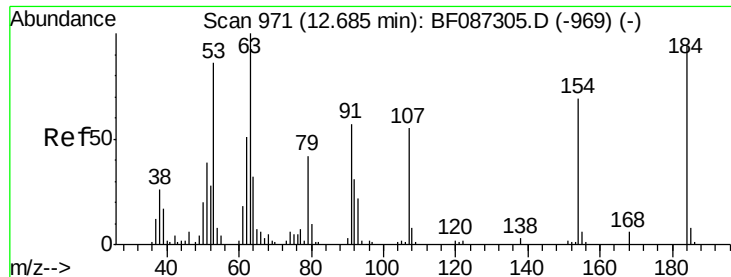
Tot Ion:154 Resp: 741723
Ion Ratio Lower Upper
154 100
153 113.8 89.8 134.6
152 52.3 43.4 65.0



#52
3-Nitroaniline
Concen: 29.62 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:138 Resp: 107156
Ion Ratio Lower Upper
138 100
108 12.8 7.8 11.6#
92 128.9 87.8 131.8

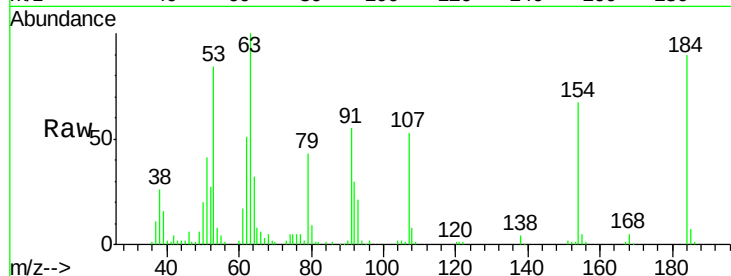




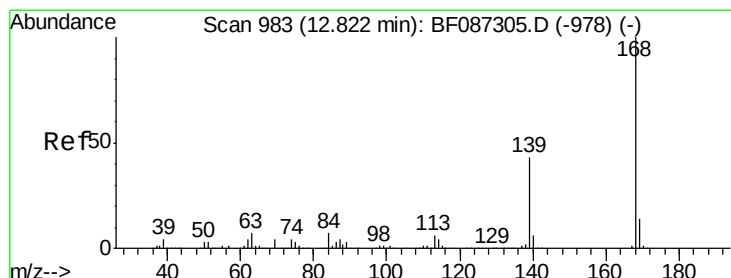
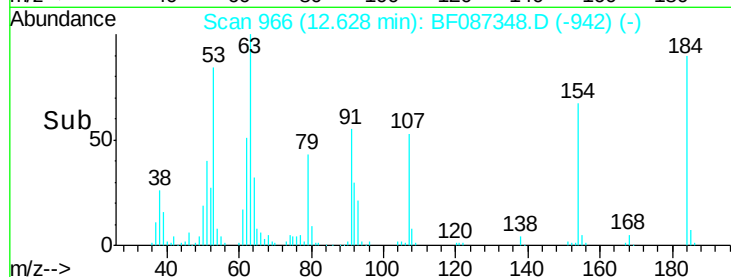
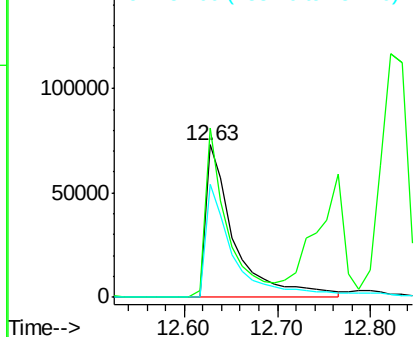
#53
2,4-Dinitrophenol
Concen: 86.45 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

Tot Ion:184 Resp: 156991
Ion Ratio Lower Upper
184 100
63 110.9 55.8 83.8#
154 74.1 62.4 93.6

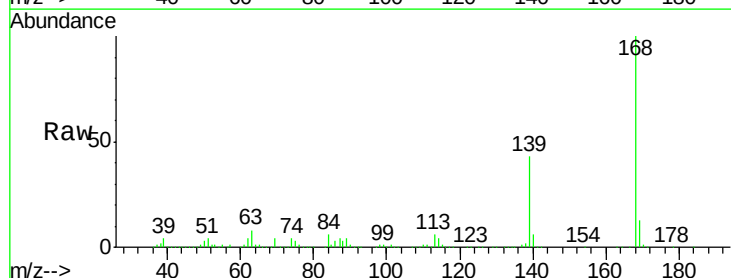


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

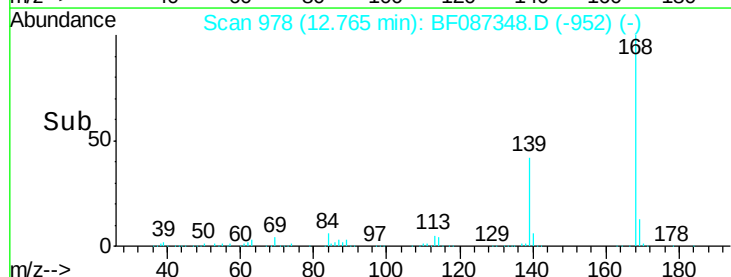
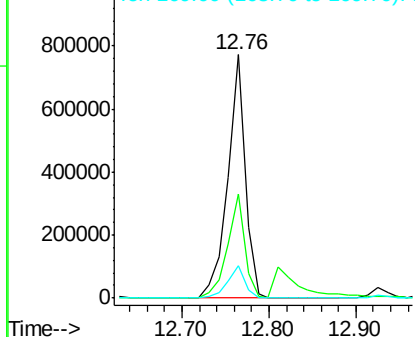


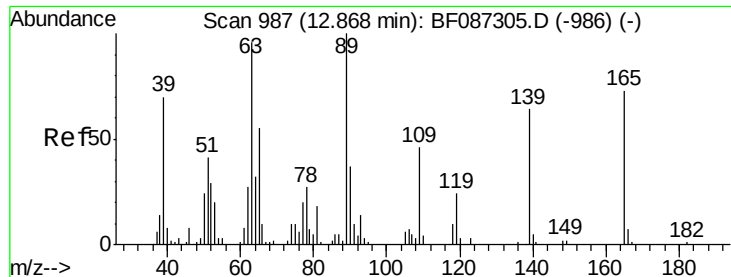
#54
Dibenzofuran
Concen: 58.17 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:168 Resp: 1078040
Ion Ratio Lower Upper
168 100
139 42.9 31.4 47.0
169 13.4 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

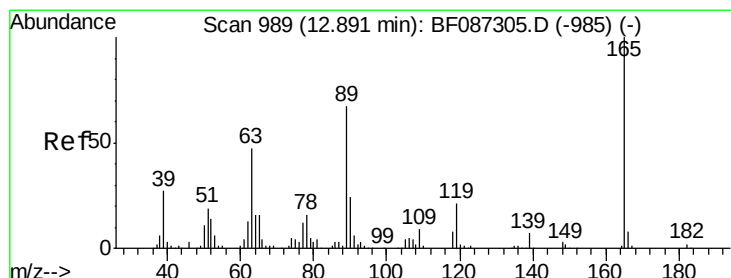
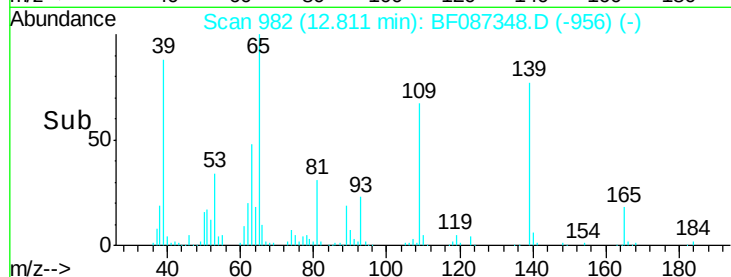
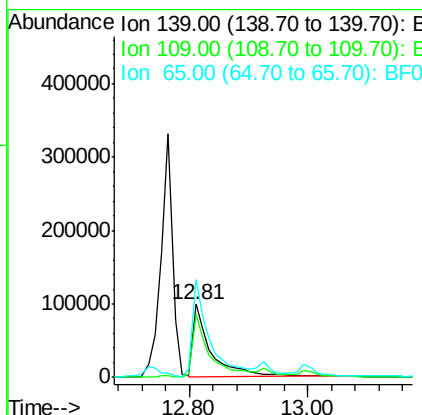
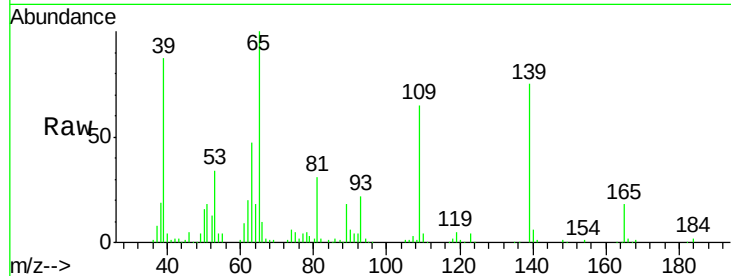




#55
4-Nitrophenol
Concen: 122.48 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

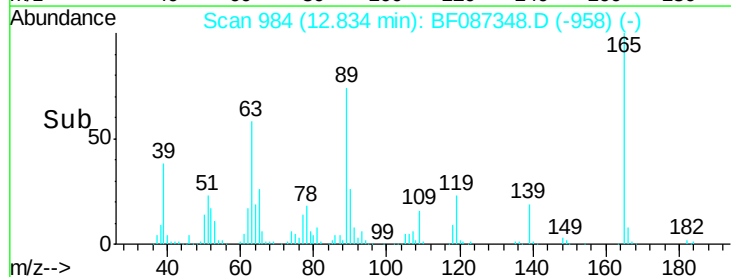
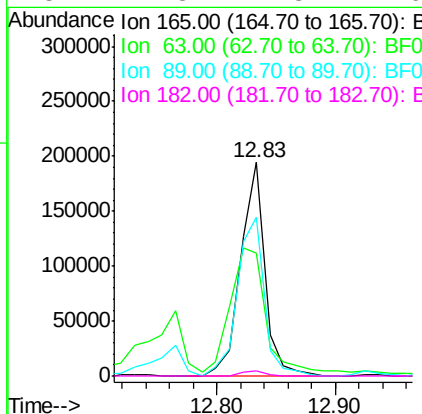
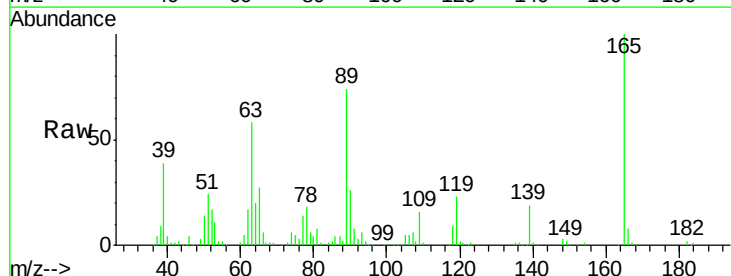
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

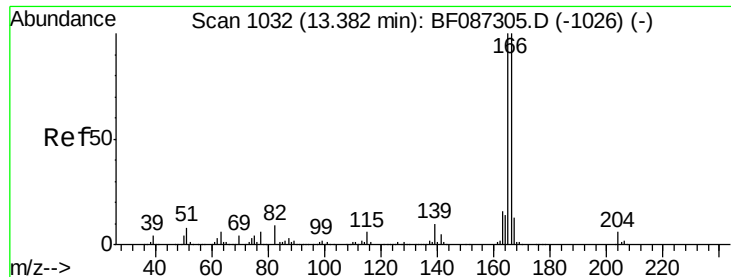
Tot Ion:139 Resp: 211368
Ion Ratio Lower Upper
139 100
109 87.0 36.9 76.9#
65 133.5 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 59.30 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:165 Resp: 279364
Ion Ratio Lower Upper
165 100
63 57.8 44.3 66.5
89 74.4 70.0 105.0
182 2.3 1.8 2.6

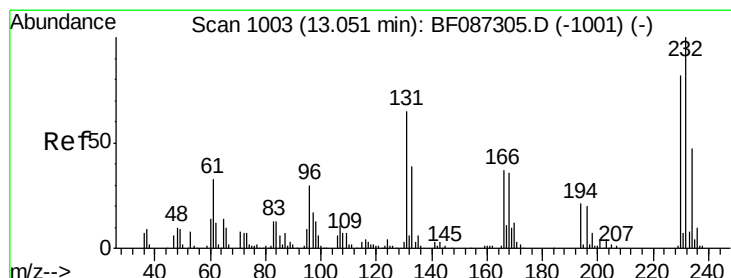
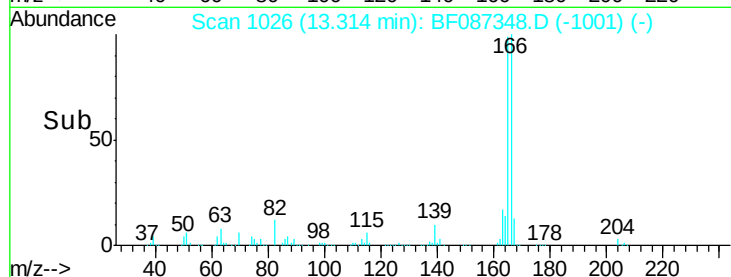
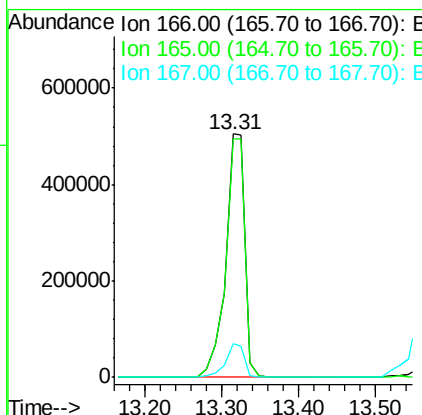
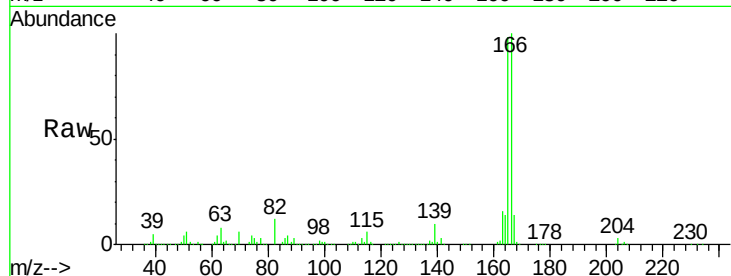




#57
 Fluorene
 Concen: 55.67 ng
 RT: 13.31 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

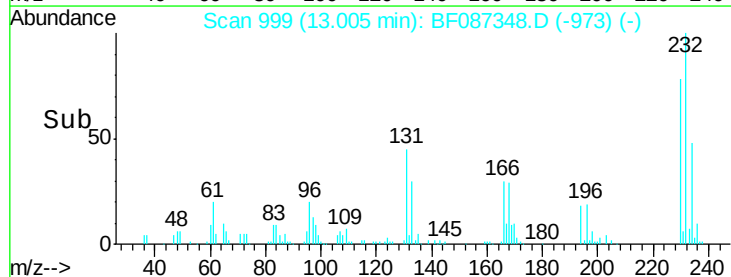
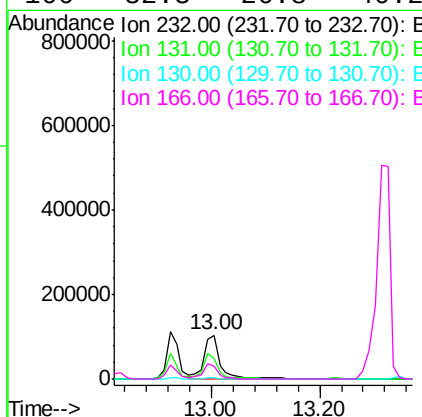
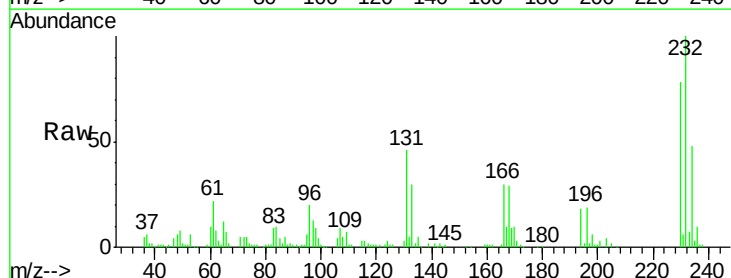
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

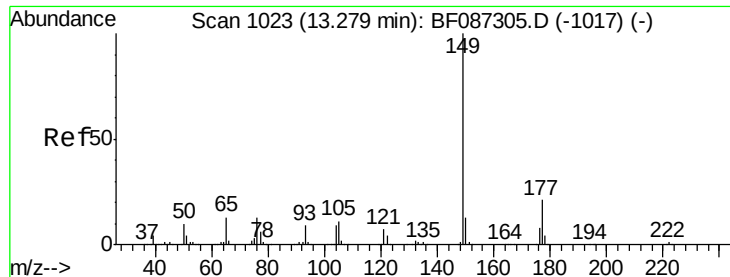
Tot Ion:166 Resp: 894657
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.0 118.6
 167 13.6 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.76 ng
 RT: 13.00 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:232 Resp: 211012
 Ion Ratio Lower Upper
 232 100
 131 54.6 41.9 62.9
 130 2.9 2.2 3.4
 166 32.3 26.8 40.2

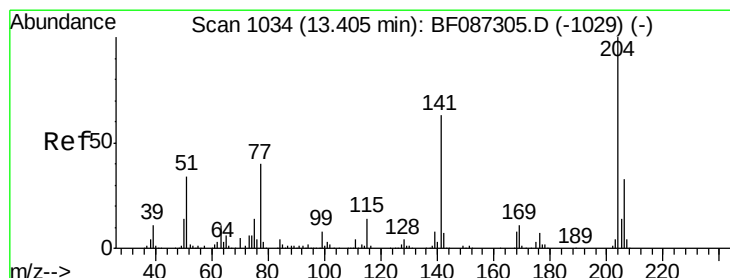
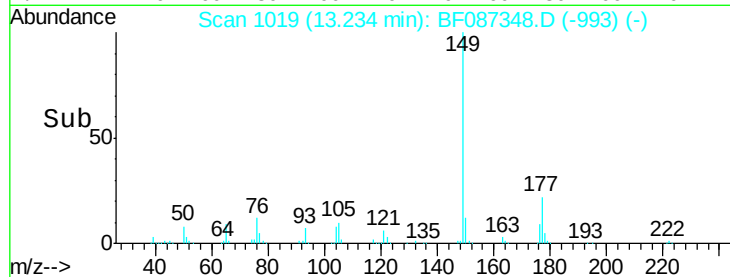
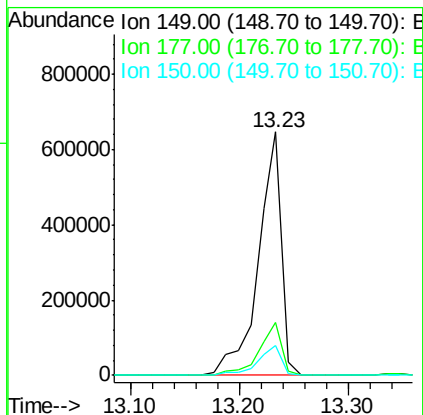
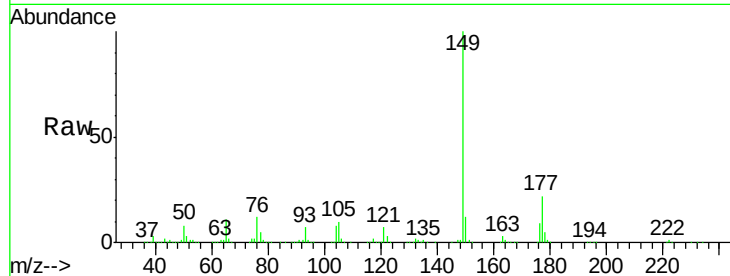




#59
Diethylphthalate
Concen: 56.16 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

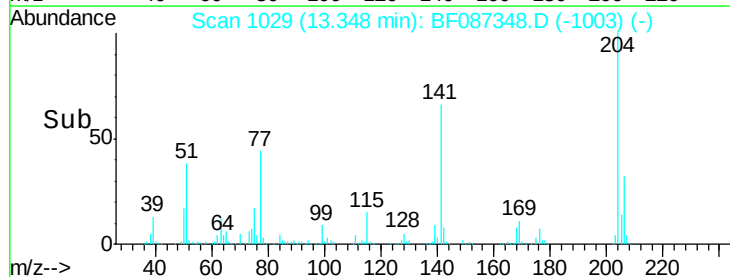
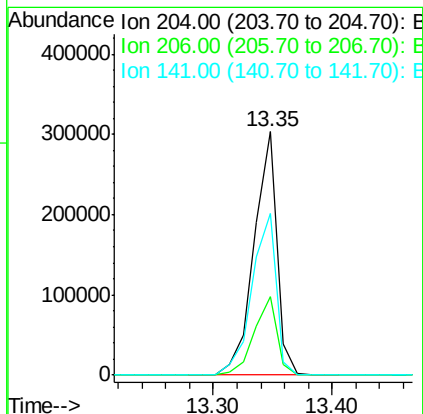
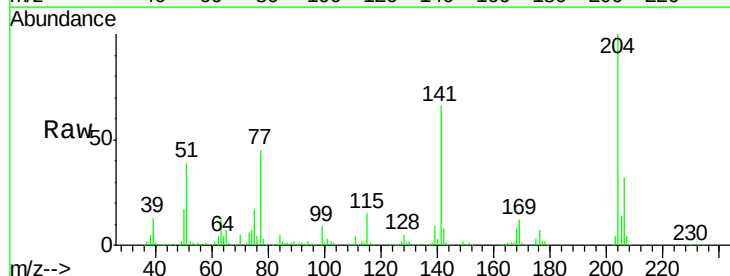
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

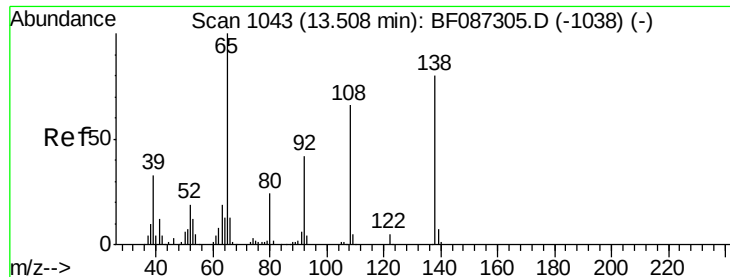
Tot Ion:149 Resp: 955135
Ion Ratio Lower Upper
149 100
177 21.9 16.6 24.8
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 52.52 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:204 Resp: 411558
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 66.3 61.6 92.4





#61

4-Nitroaniline

Concen: 55.74 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

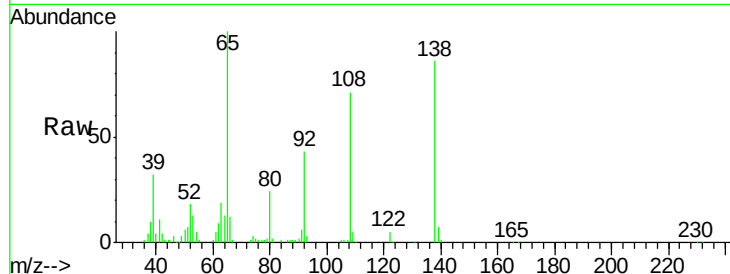
Tot Ion:138 Resp: 188187

Ion Ratio Lower Upper

138 100

92 50.0 24.7 64.7

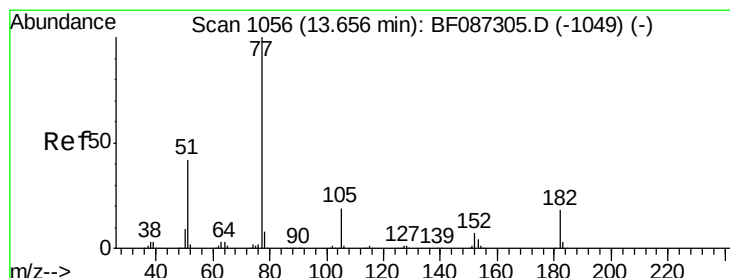
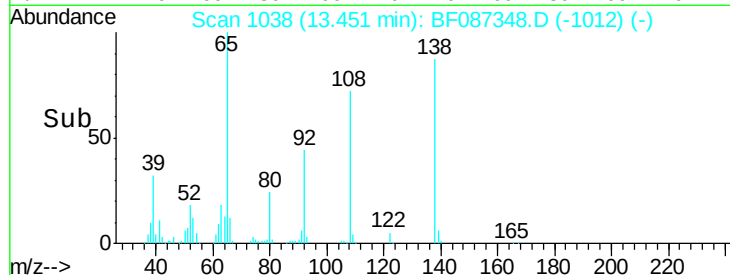
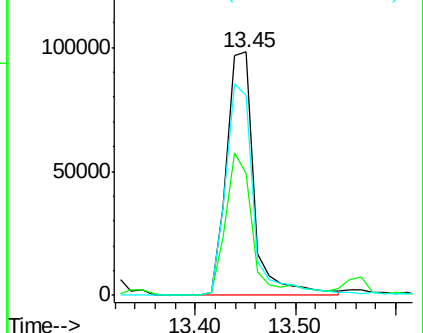
108 82.4 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 62.48 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Tgt Ion: 77 Resp: 1102380

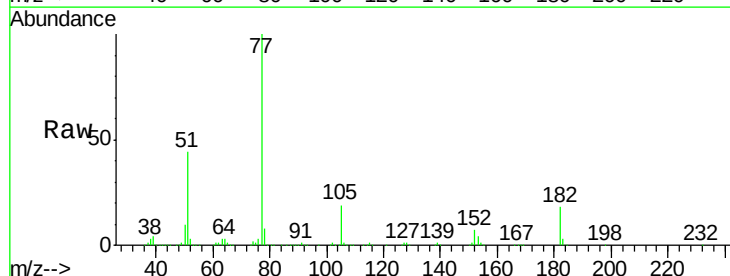
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.8

105 19.4 3.2 43.2

51 43.6 8.8 48.8

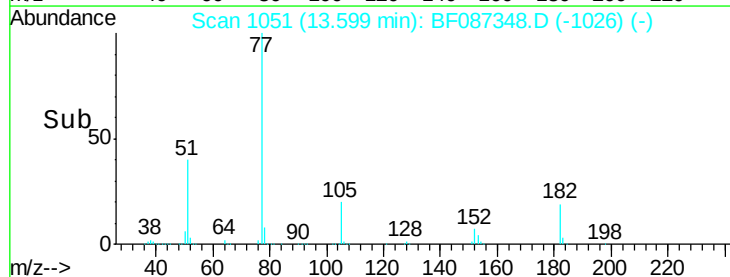
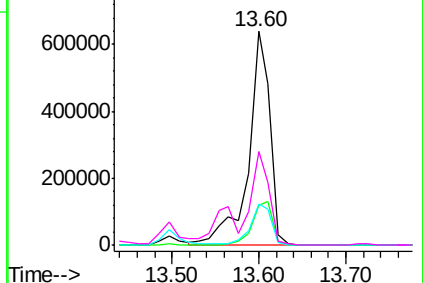


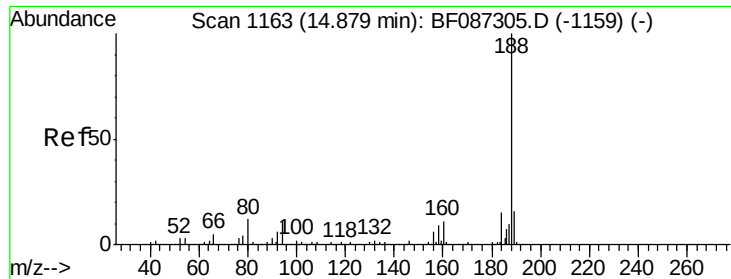
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

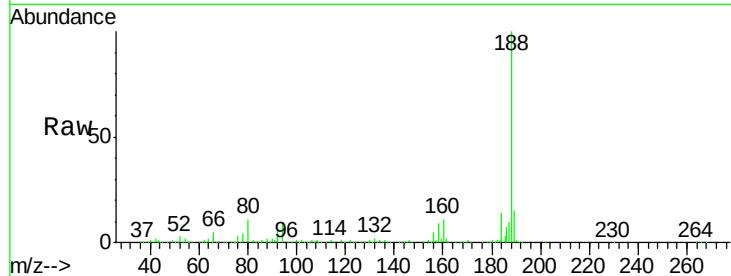
Tot Ion:188 Resp: 432768

Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

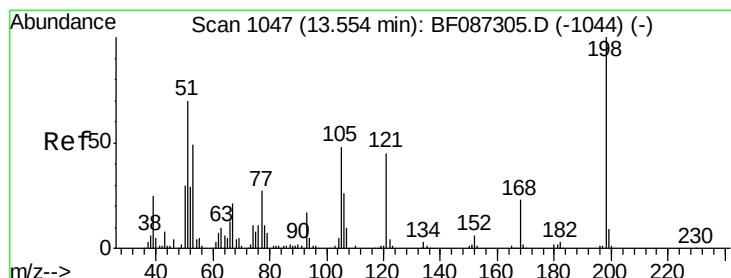
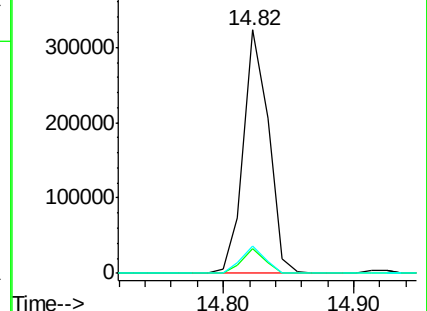
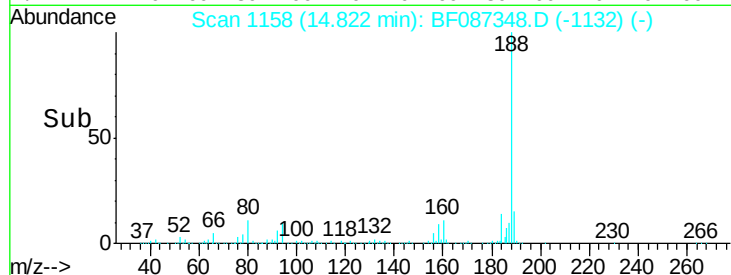
80 11.3 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.02 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

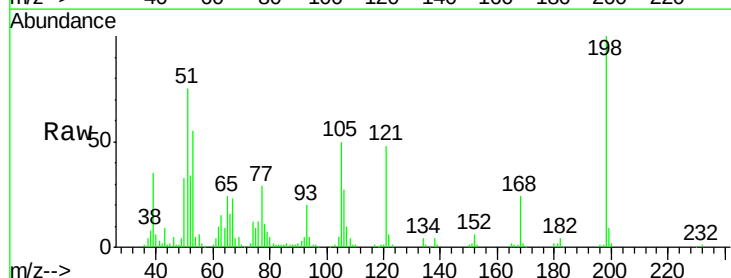
Tgt Ion:198 Resp: 129383

Ion Ratio Lower Upper

198 100

51 75.4 20.5 60.5#

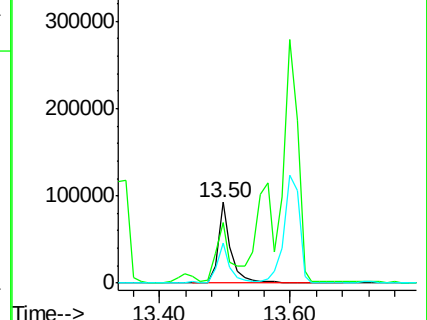
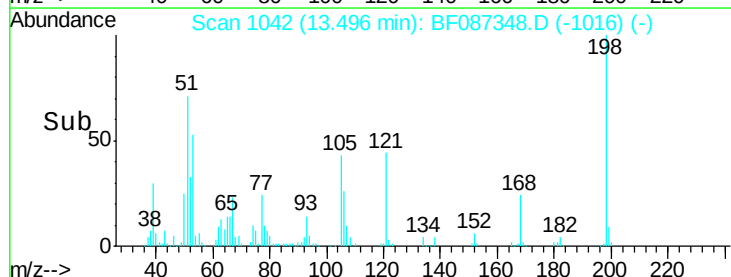
105 50.3 24.5 64.5

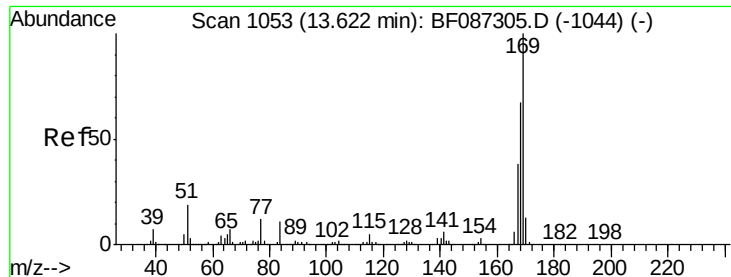


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.81 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

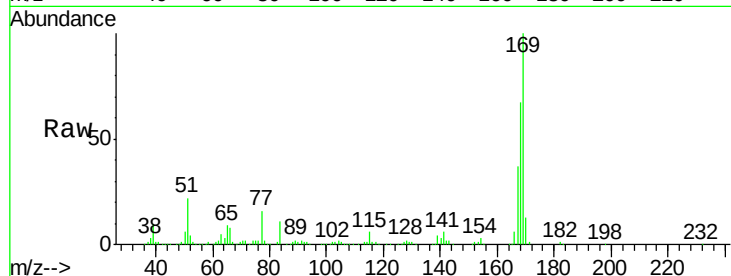
Tot Ion:169 Resp: 753110

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

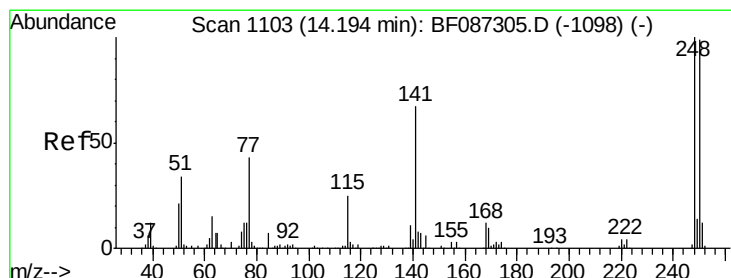
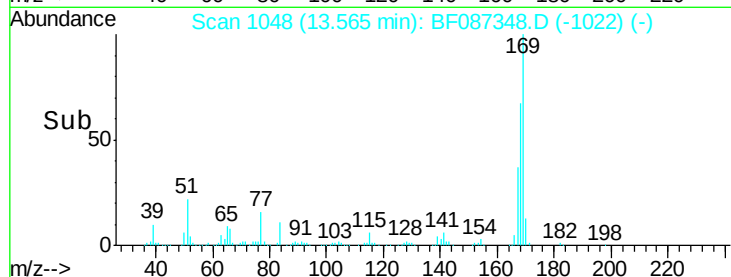
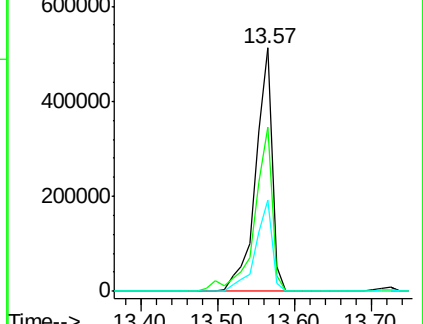
167 37.2 29.5 44.3



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: 51.88 ng

RT: 14.14 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

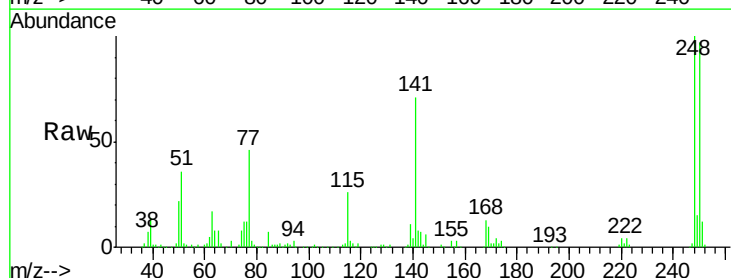
Tgt Ion:248 Resp: 245599

Ion Ratio Lower Upper

248 100

250 97.2 78.6 117.8

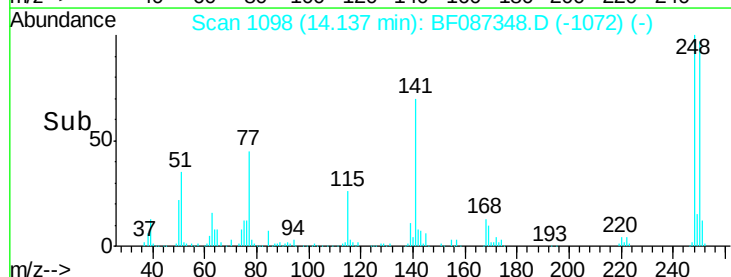
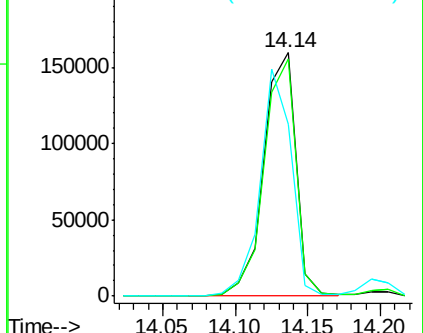
141 70.7 76.0 114.0#

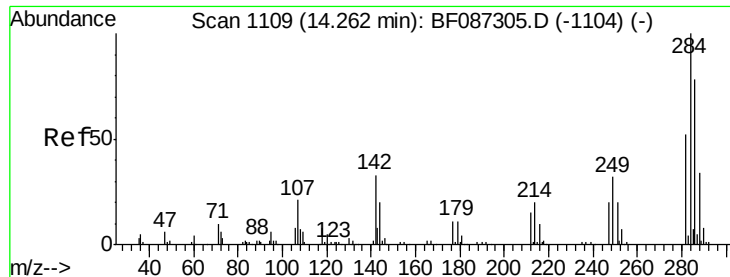


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.15 ng

RT: 14.21 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

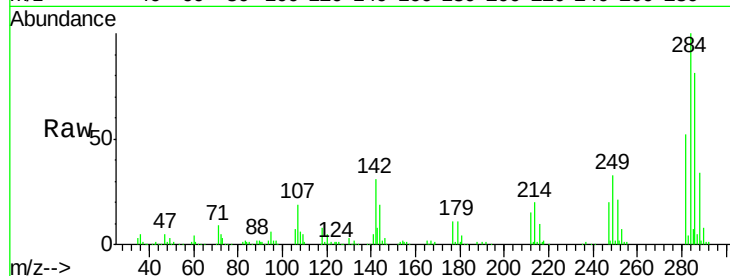
Tot Ion:284 Resp: 253290

Ion Ratio Lower Upper

284 100

142 31.3 16.7 25.1#

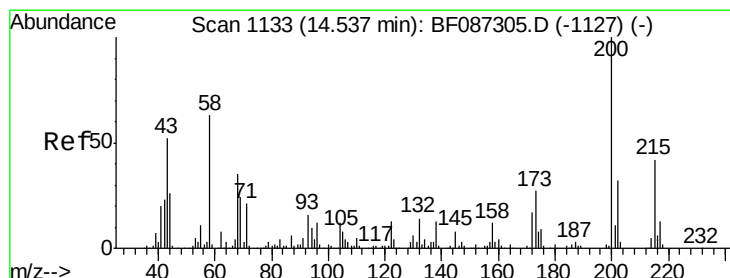
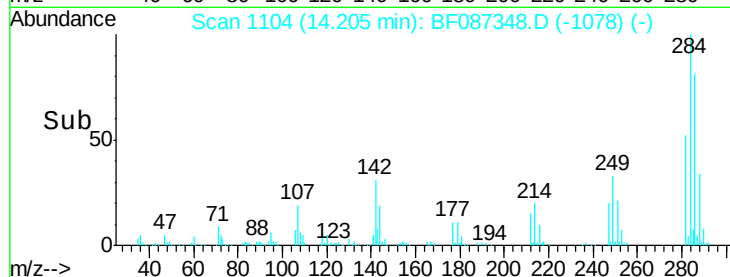
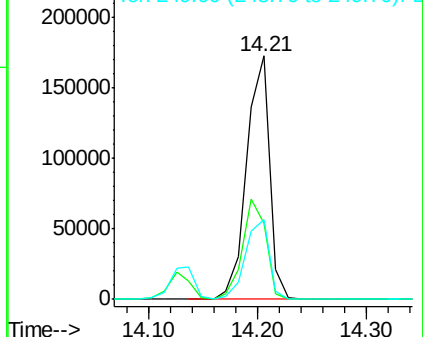
249 32.9 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 54.14 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

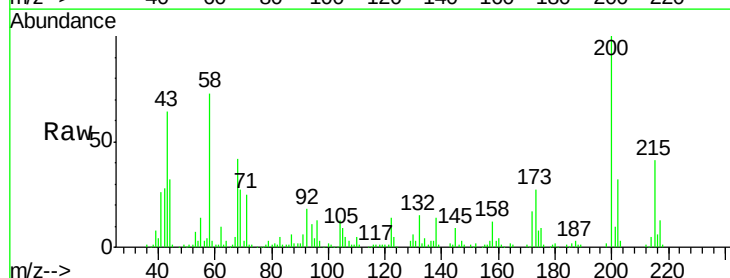
Tgt Ion:200 Resp: 241511

Ion Ratio Lower Upper

200 100

173 27.2 8.5 48.5

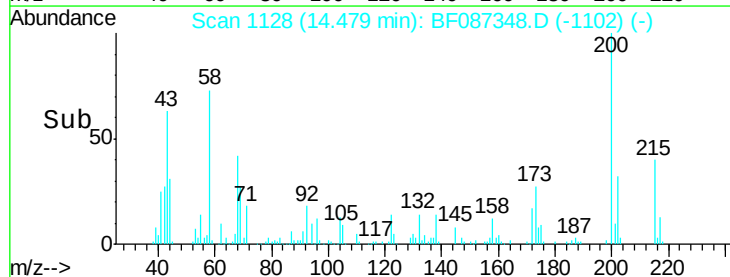
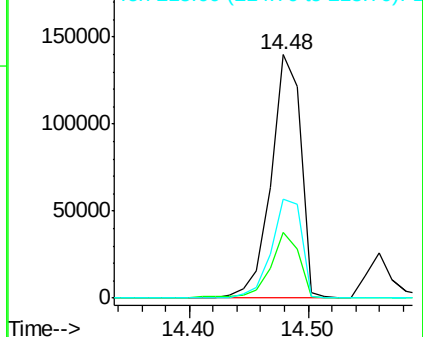
215 40.5 27.2 67.2

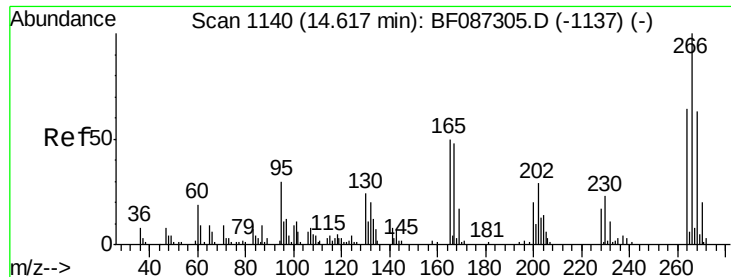


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

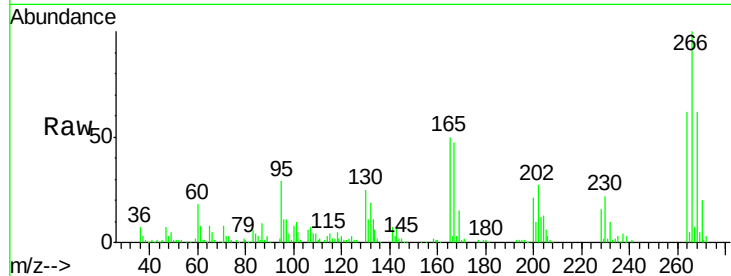




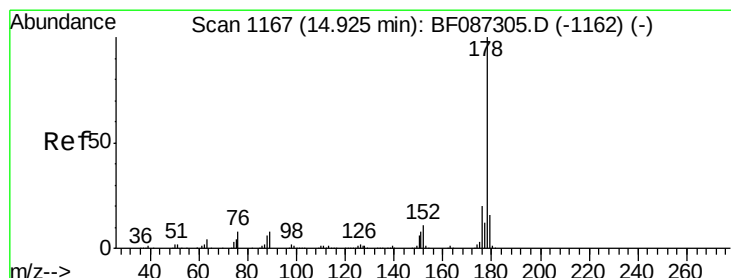
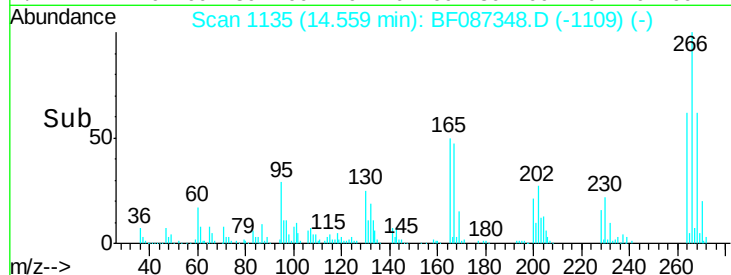
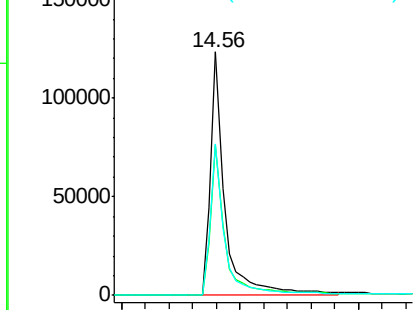
#69
 Pentachlorophenol
 Concen: 132.32 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion:266 Resp: 210372
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.5 77.3
 264 62.3 52.9 79.3

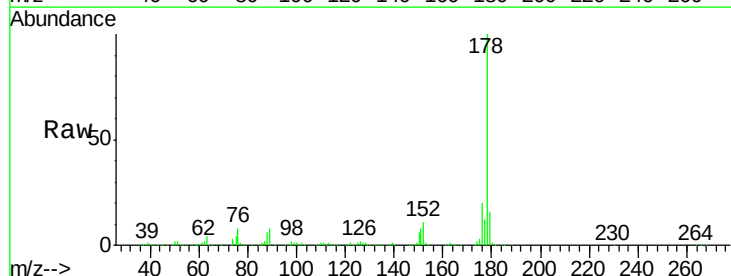


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

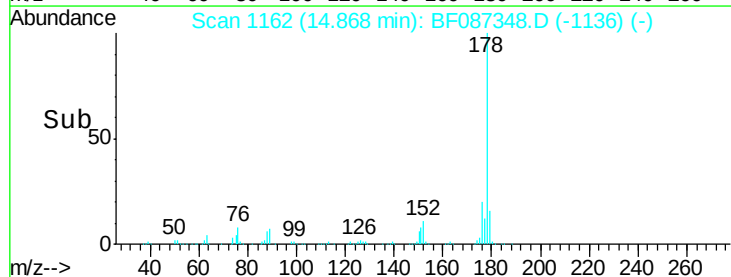
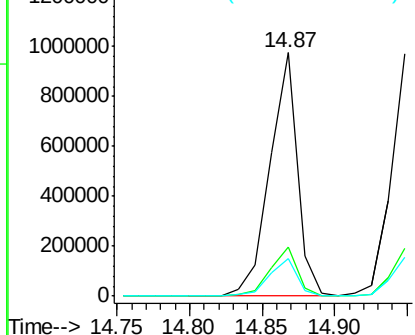


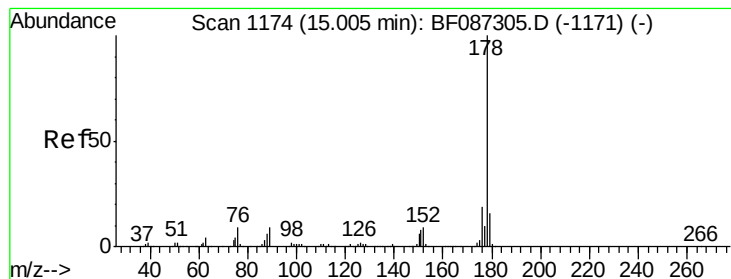
#70
 Phenanthrene
 Concen: 53.91 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:178 Resp: 1292295
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.6 12.6 18.8



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





#71

Anthracene

Concen: 52.95 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

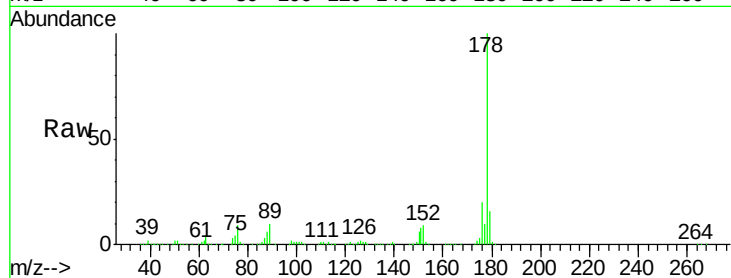
Tot Ion:178 Resp: 1282170

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

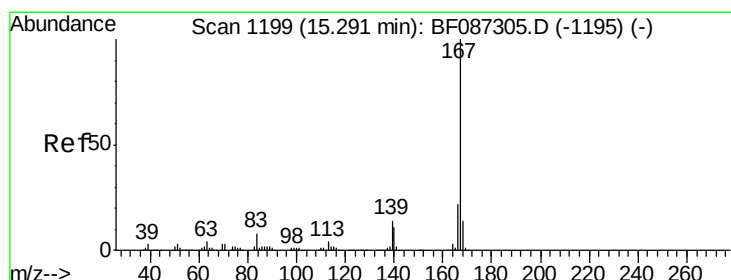
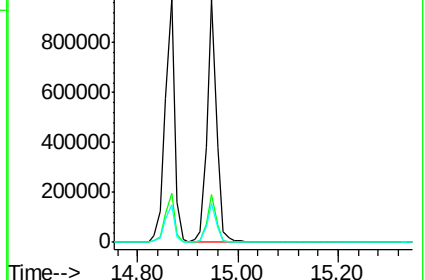
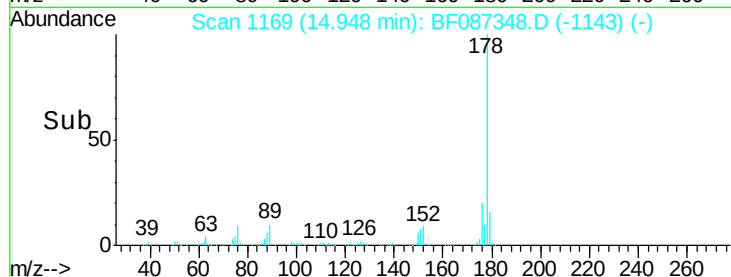
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 55.73 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

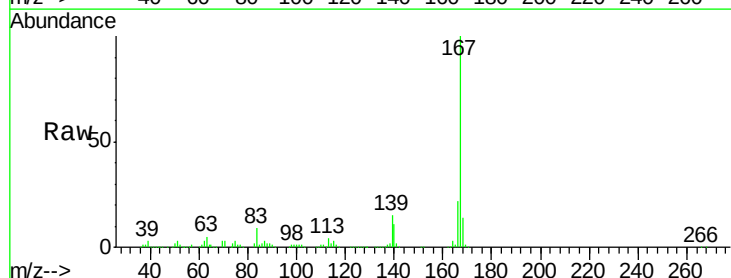
Tgt Ion:167 Resp: 1151021

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

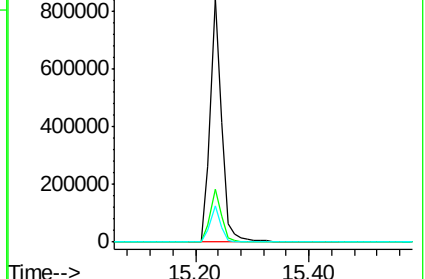
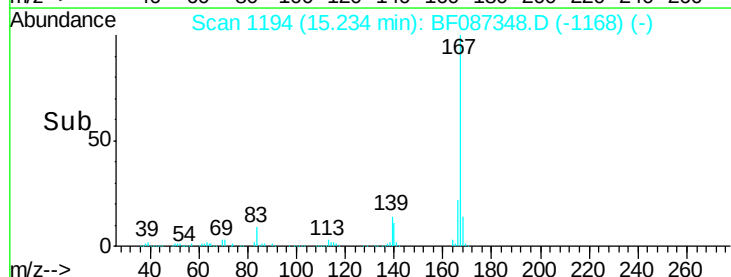
139 14.7 10.8 16.2

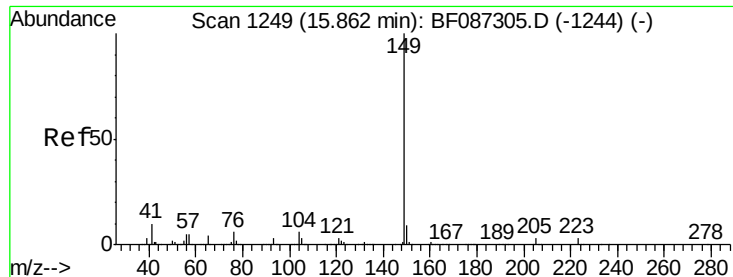


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.81 ng

RT: 15.81 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

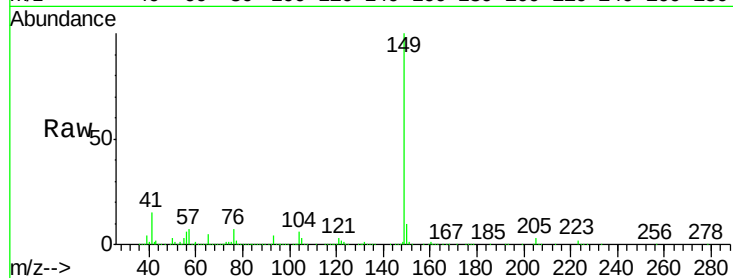
Tot Ion:149 Resp: 1463925

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

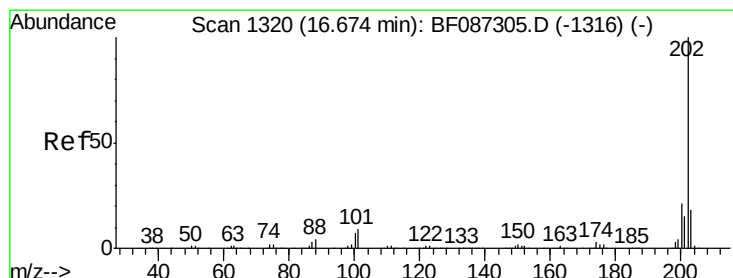
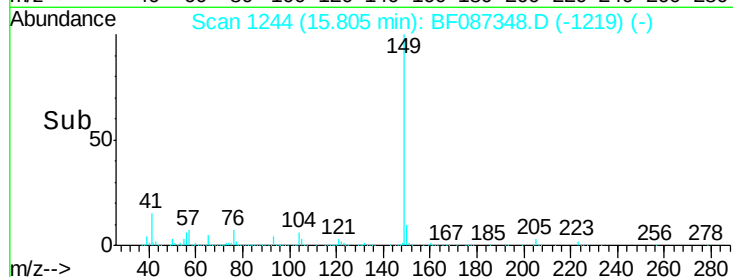
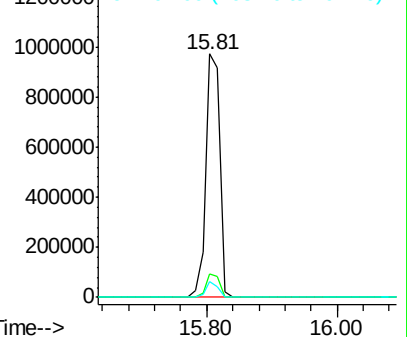
104 6.2 3.8 5.6#



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: 52.45 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

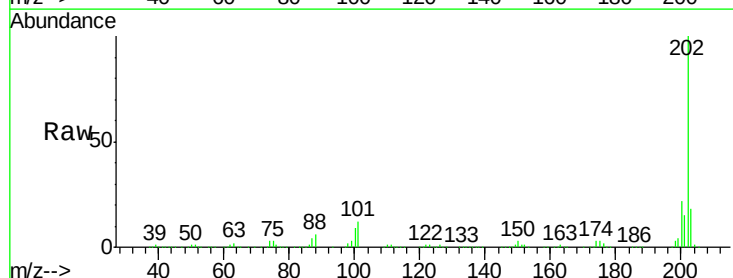
Tgt Ion:202 Resp: 1260717

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.4

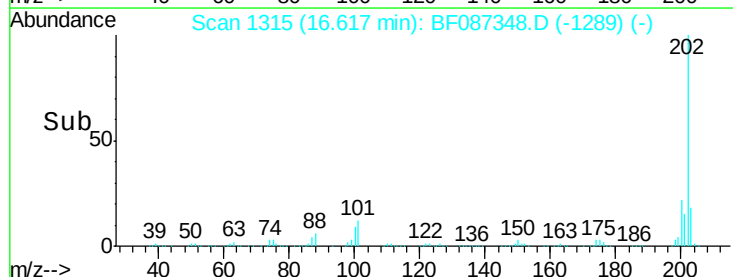
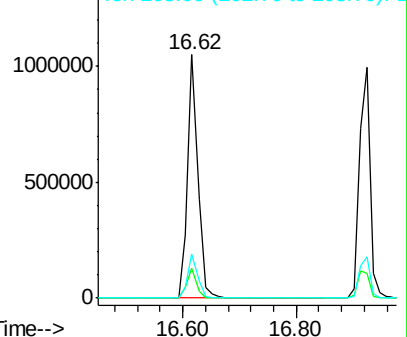
203 18.1 0.0 38.1

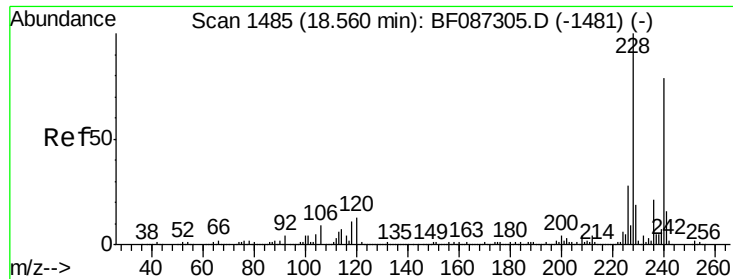


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

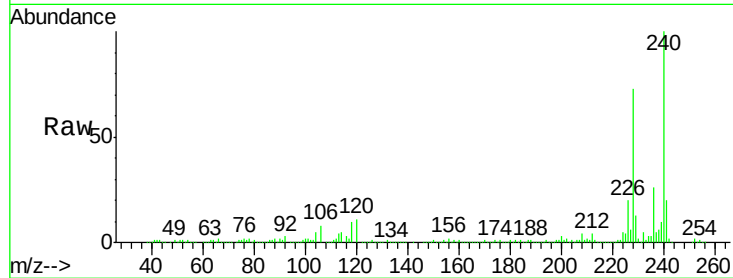
Tot Ion:240 Resp: 343512

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

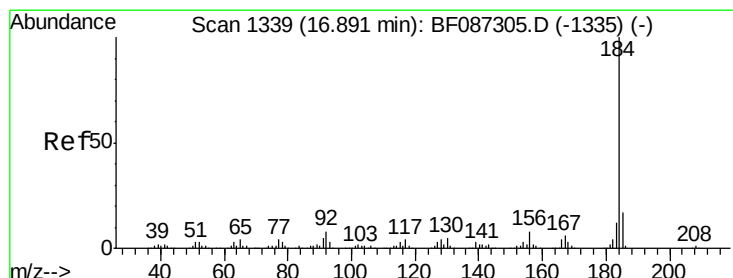
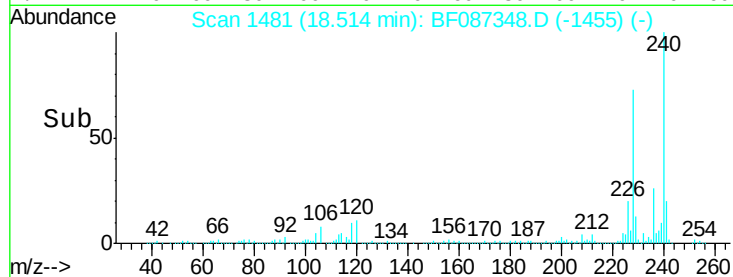
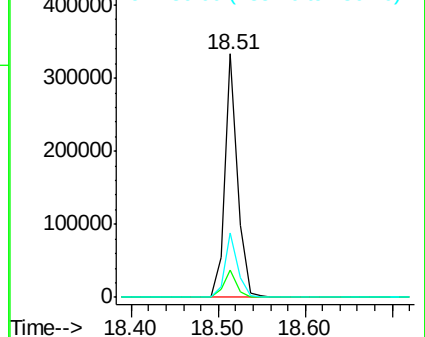
236 26.4 21.2 31.8



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



#76

Benzidine

Concen: 11.21 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

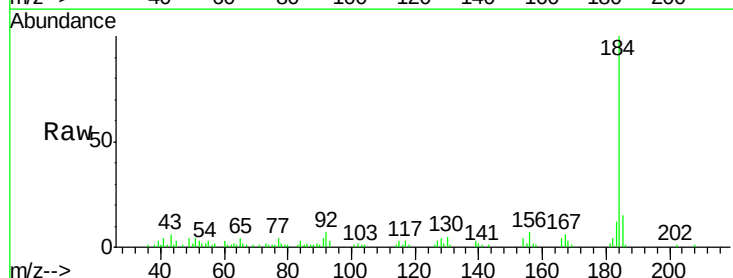
Tgt Ion:184 Resp: 99105

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

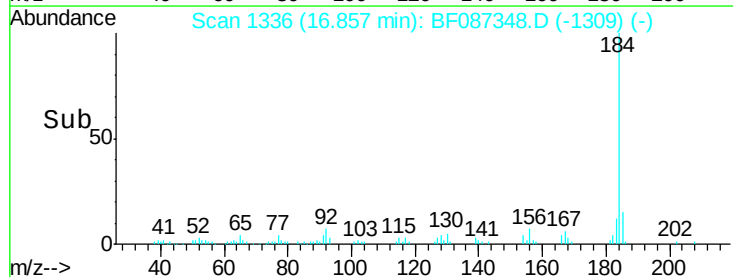
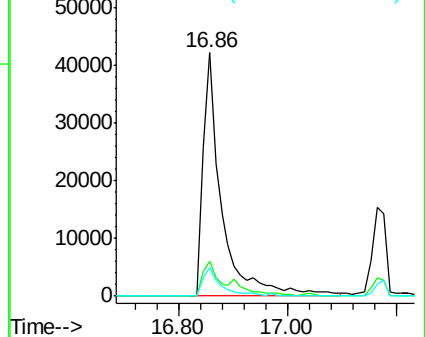
183 11.9 9.8 14.6

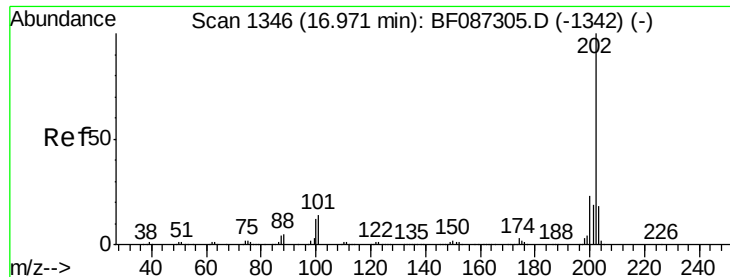


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

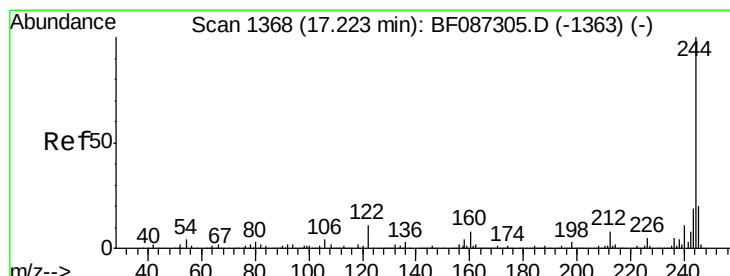
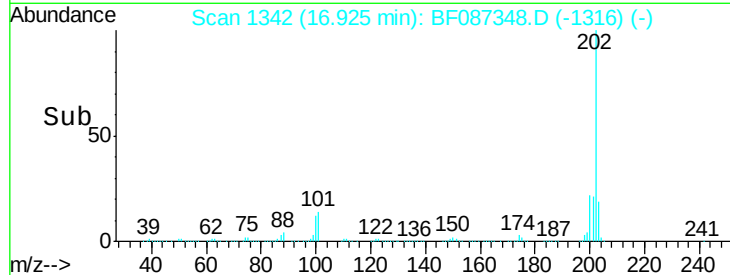
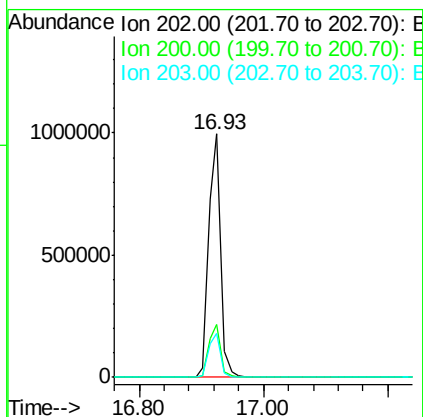
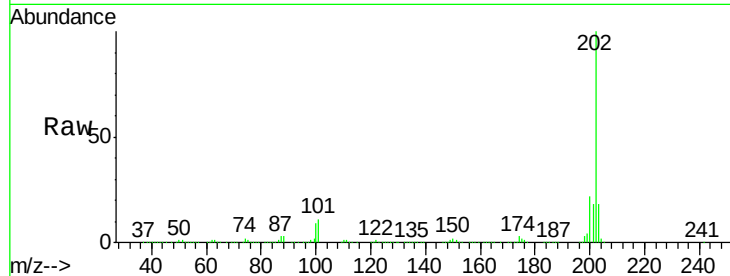




#77
Pvrene
Concen: 53.27 ng
RT: 16.93 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

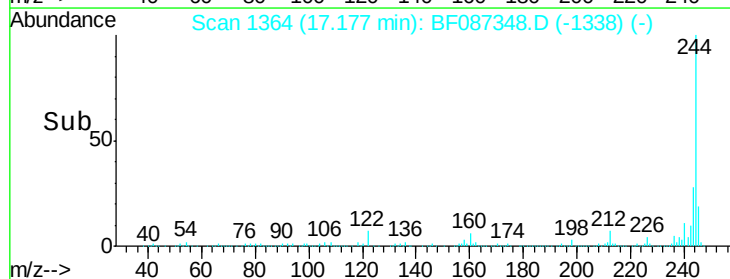
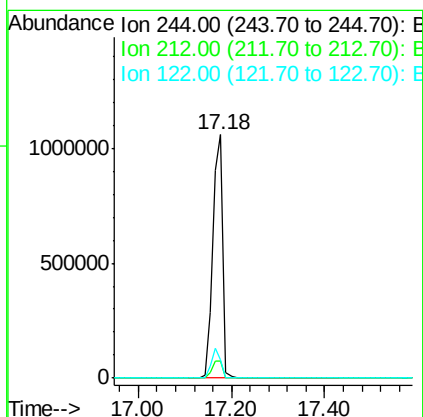
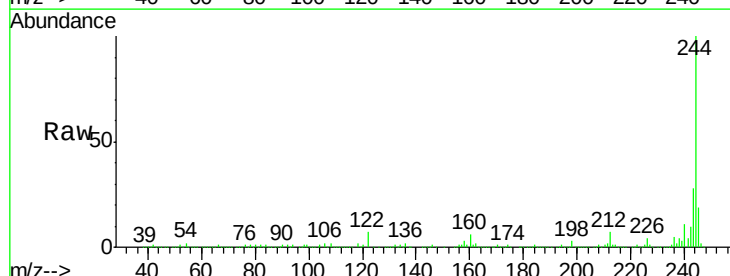
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

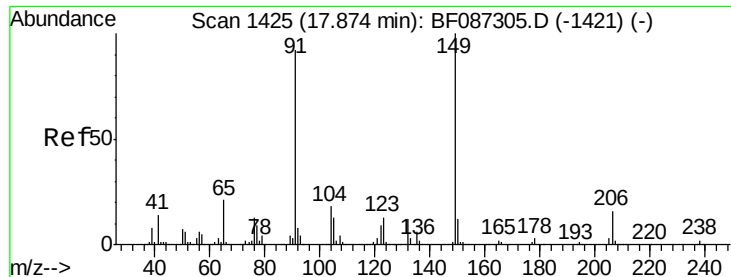
Tot Ion:202 Resp: 1317295
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.1 14.2 21.4



#78
Terphenyl-d14
Concen: 98.10 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:244 Resp: 1585083
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 7.3 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 55.18 ng

RT: 17.83 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

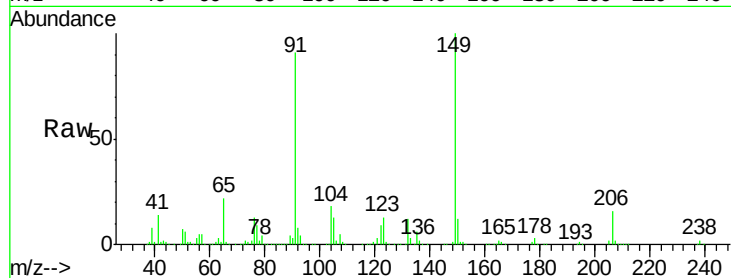
Tot Ion:149 Resp: 605065

Ion Ratio Lower Upper

149 100

91 91.0 48.0 72.0#

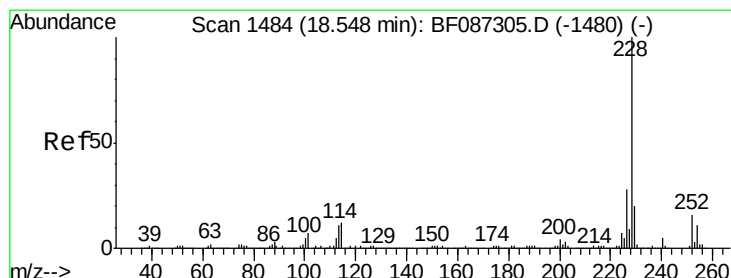
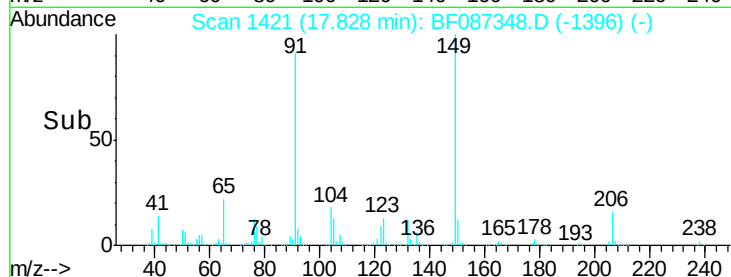
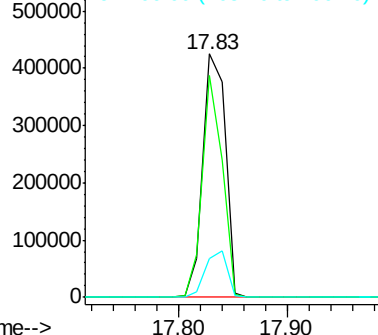
206 16.0 15.8 23.6



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: 54.16 ng

RT: 18.50 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

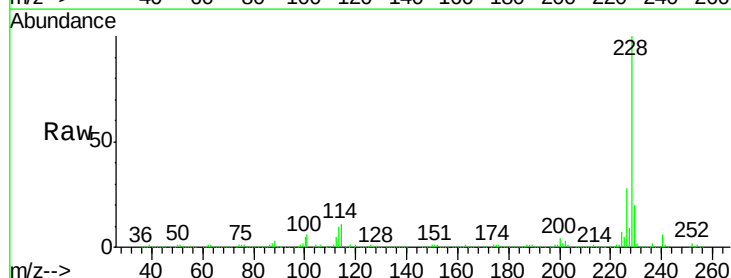
Tgt Ion:228 Resp: 1058289

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

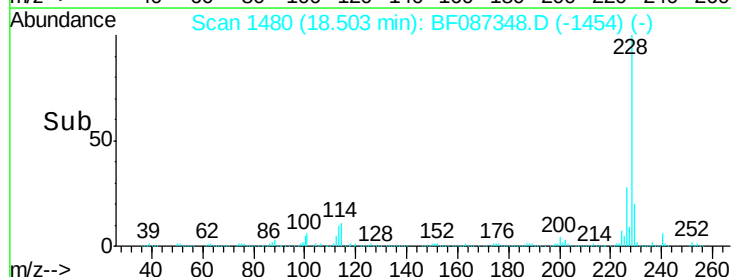
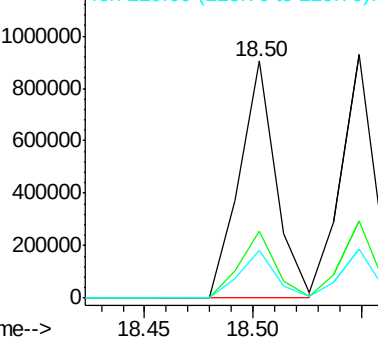
229 20.2 16.6 25.0

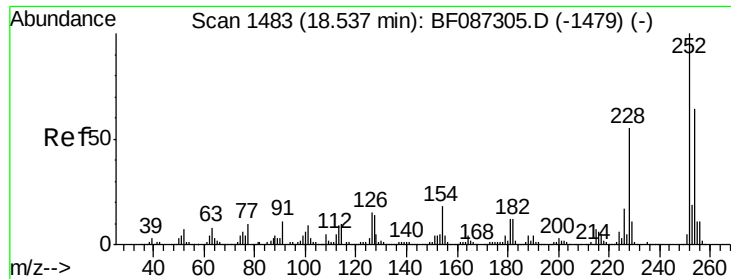


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

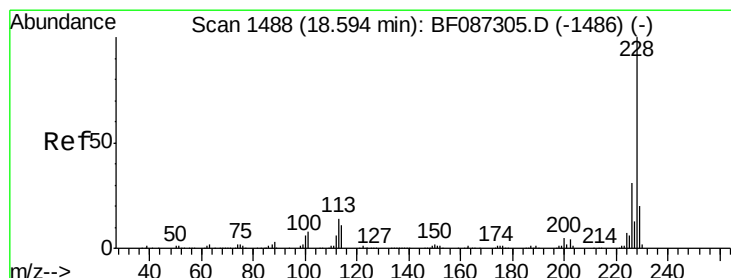
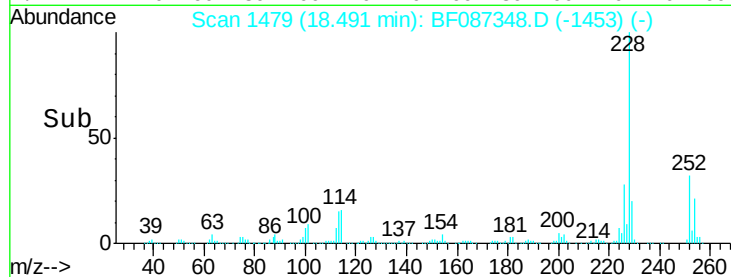
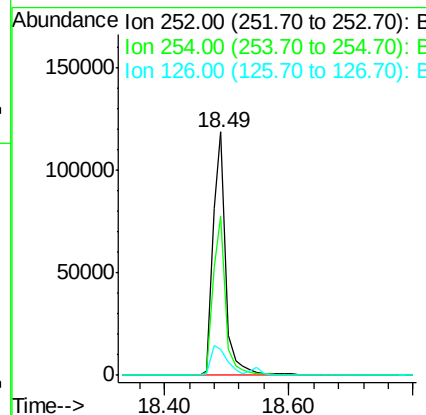
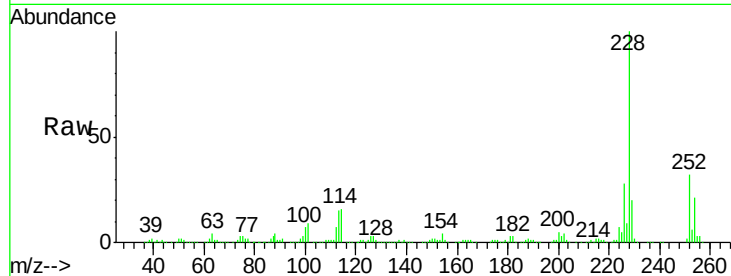




#81
 3,3'-Dichlorobenzidine
 Concen: 15.43 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

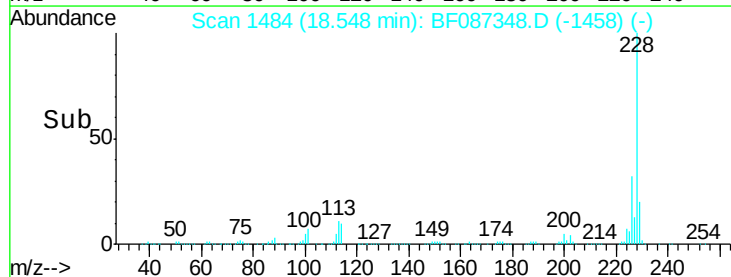
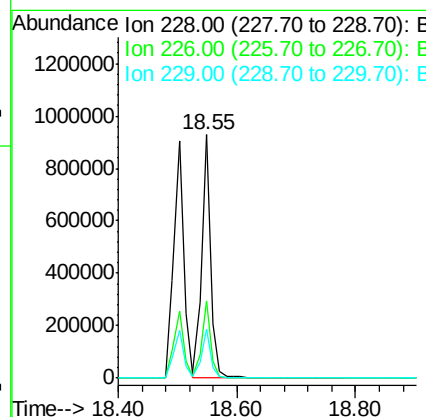
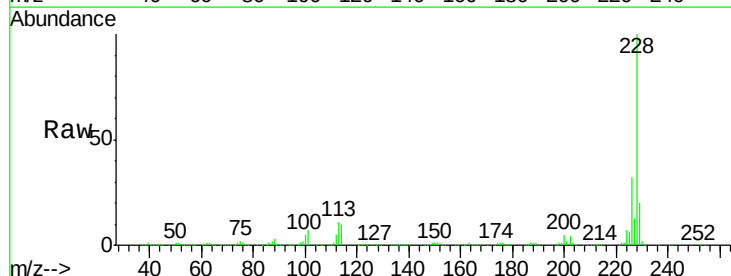
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

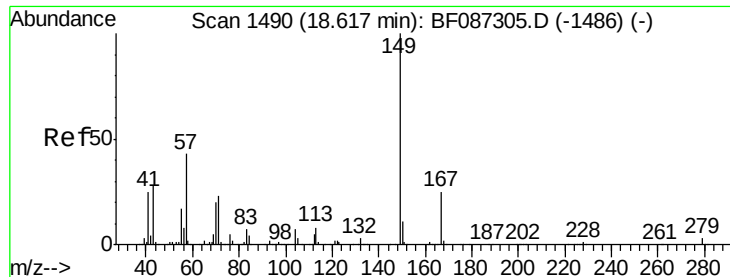
Tot Ion:252 Resp: 166587
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 10.9 12.7 19.1#



#82
 Chrysene
 Concen: 52.38 ng
 RT: 18.55 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:228 Resp: 1015821
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.4 36.6
 229 20.3 15.8 23.8

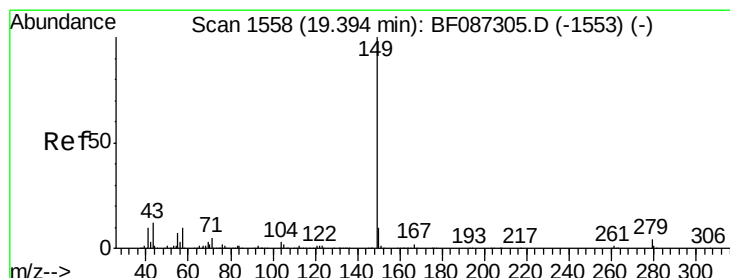
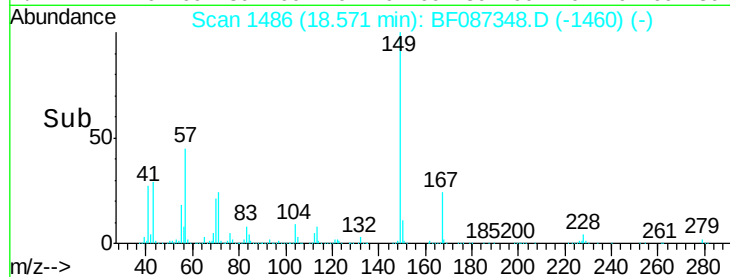
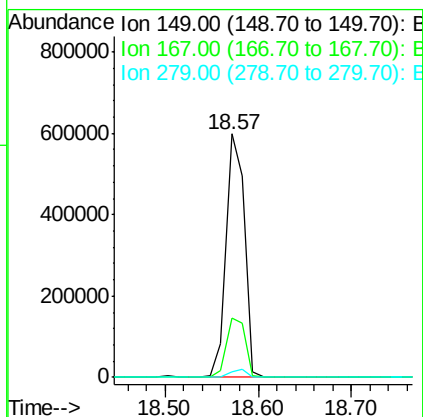
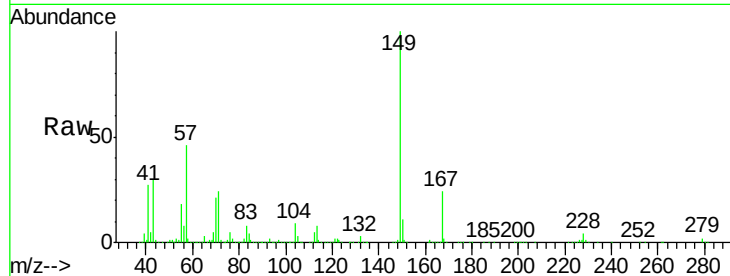




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.49 ng
 RT: 18.57 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

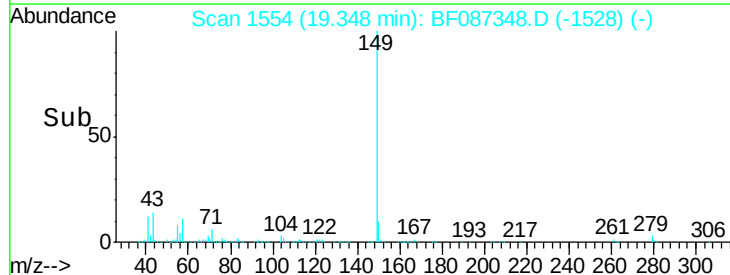
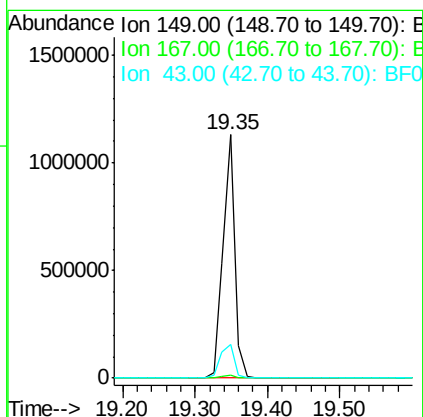
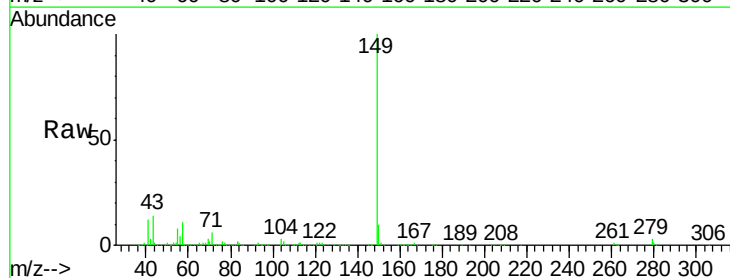
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

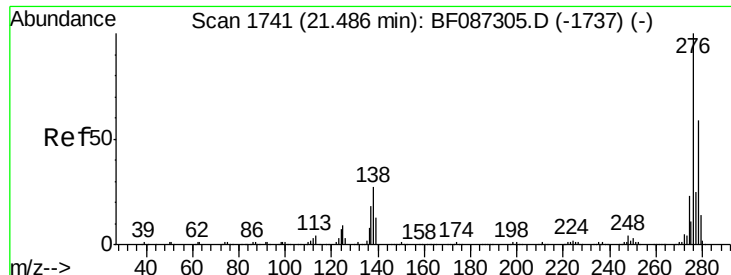
Tot Ion:149 Resp: 823930
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.8 32.6
 279 2.1 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 52.21 ng
 RT: 19.35 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:149 Resp: 1273997
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.0 8.2 12.4#

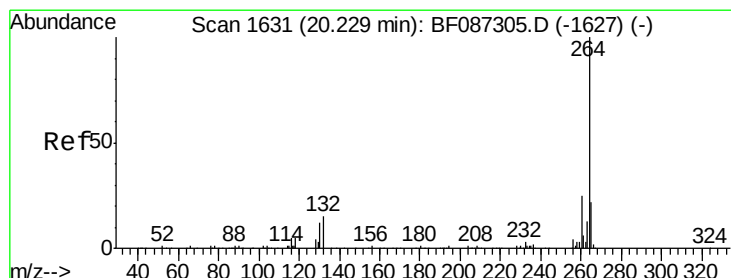
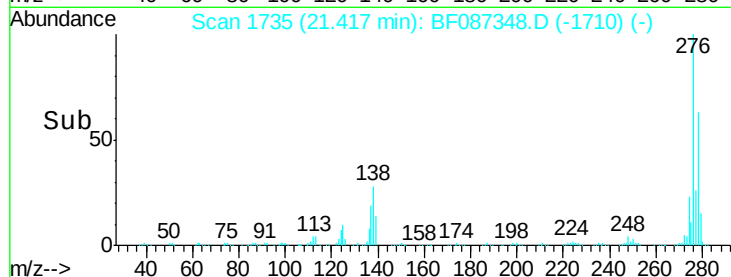
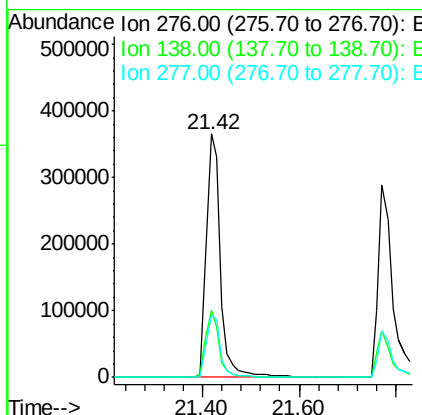
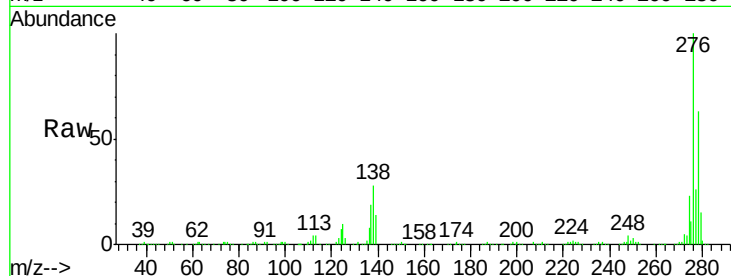




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.93 ng
 RT: 21.42 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

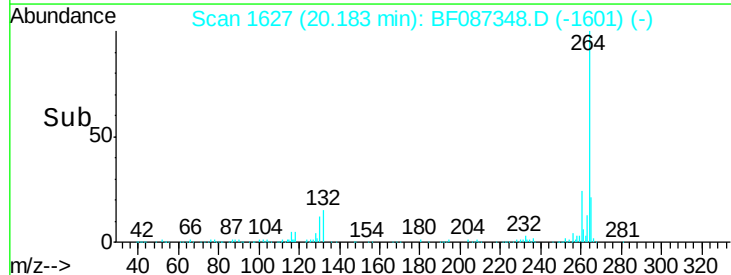
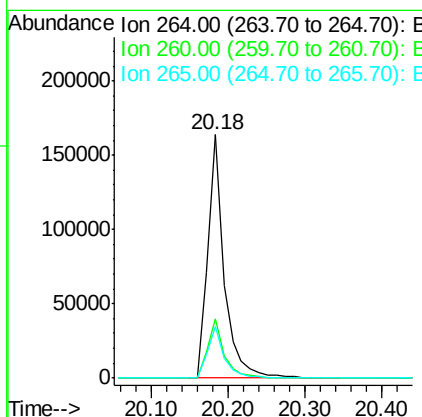
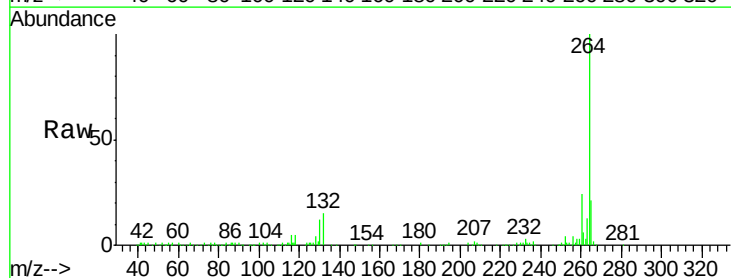
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

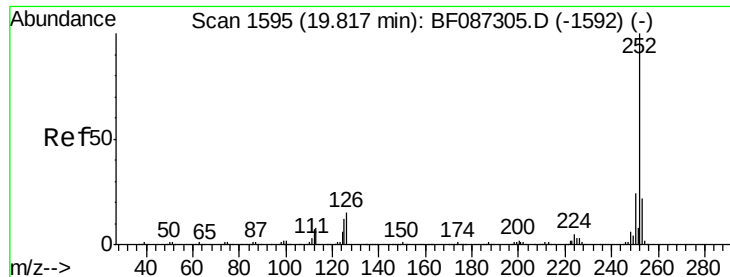
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 49.80 ng m

RT: 19.77 min Scan# 1591

Delta R.T. -0.00 min

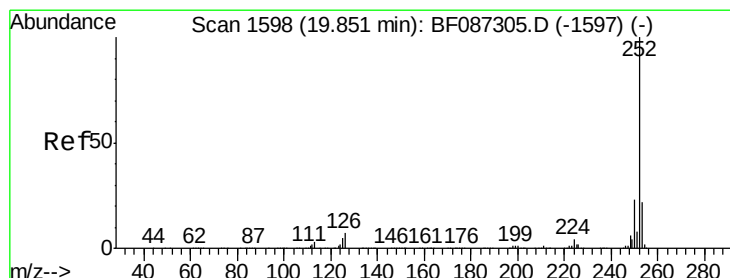
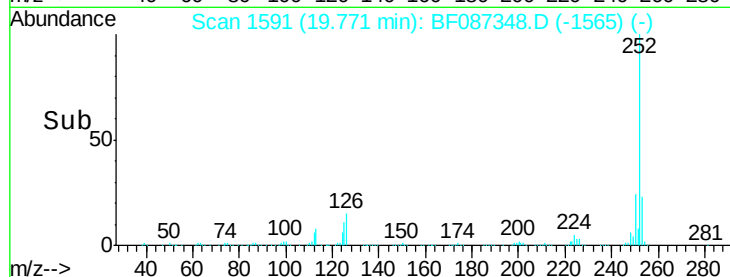
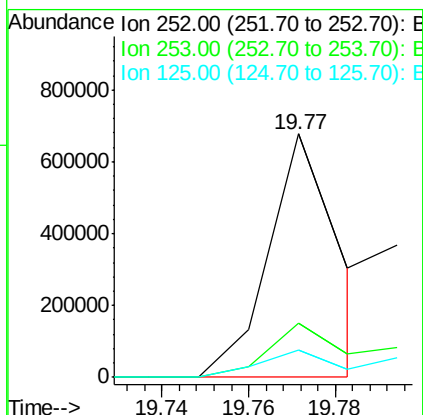
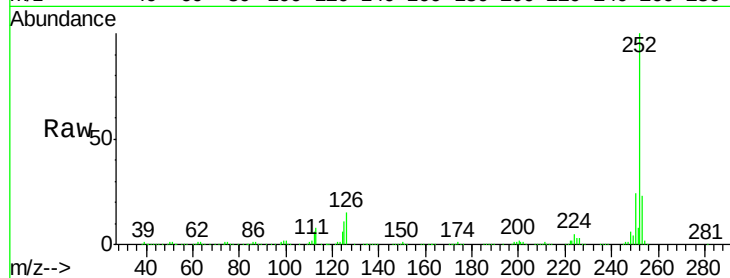
Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

Tot Ion:252 Resp: 764963

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.1	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 65.23 ng m

RT: 19.81 min Scan# 1594

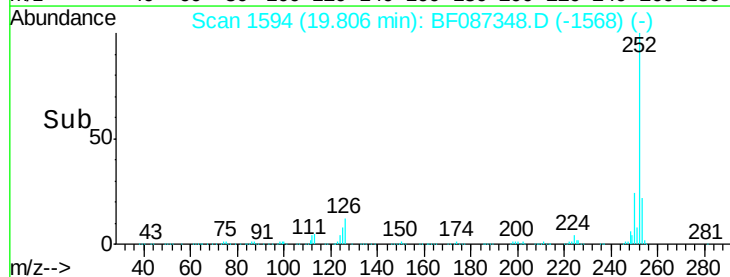
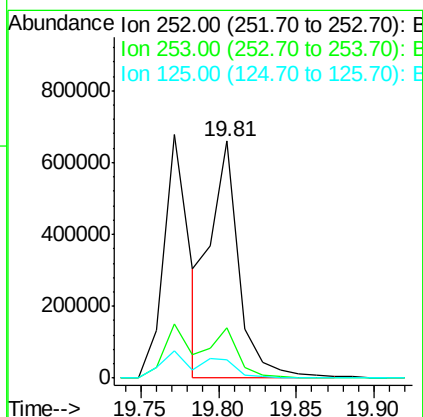
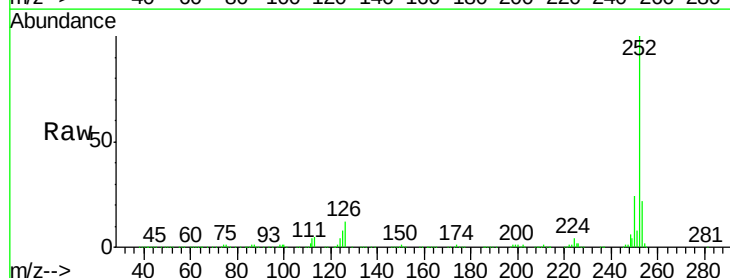
Delta R.T. -0.00 min

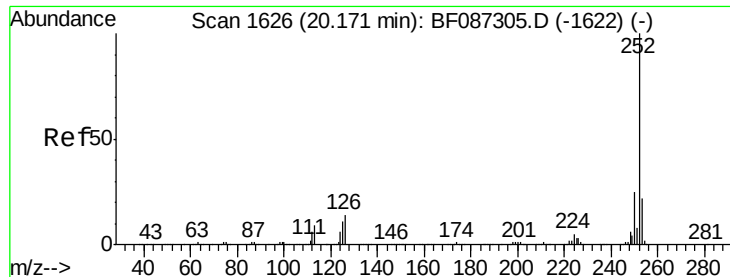
Lab File: BF087348.D

Acq: 24 May 2016 20:53

Tgt Ion:252 Resp: 862399

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	7.9	9.1	13.7#

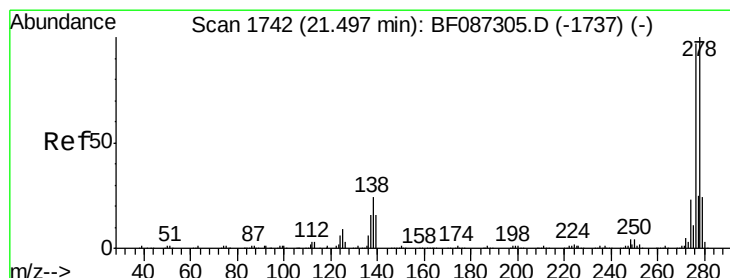
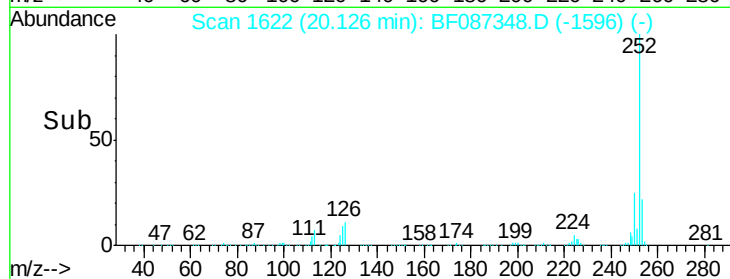
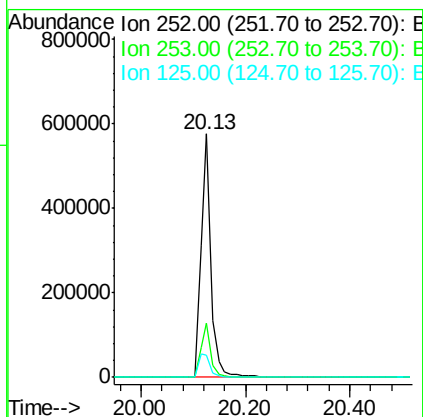
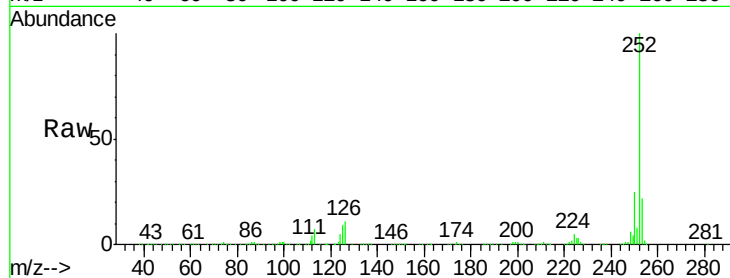




#89
Benzo(a)pyrene
Concen: 56.99 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

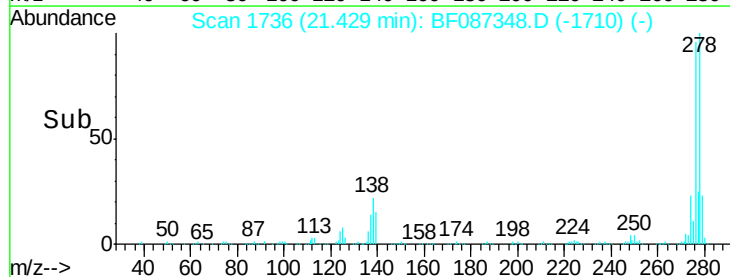
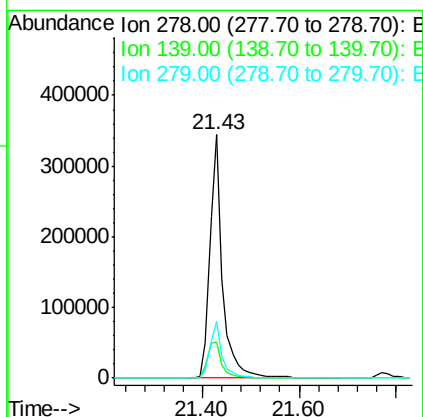
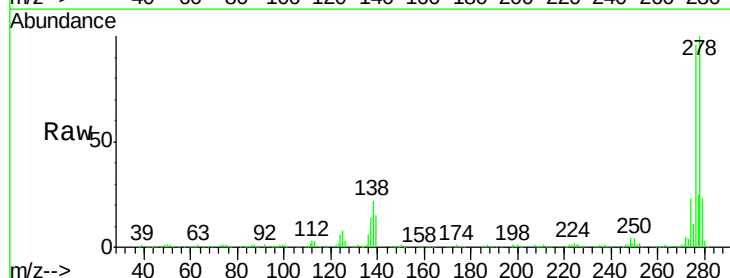
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

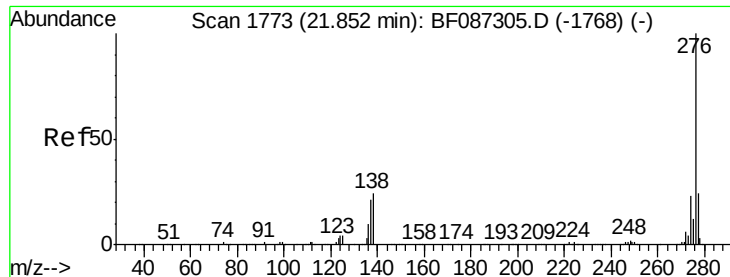
Tot Ion:252 Resp: 757193
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.2 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 55.99 ng
RT: 21.43 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:278 Resp: 634405
Ion Ratio Lower Upper
278 100
139 14.7 16.6 24.8#
279 23.3 19.6 29.4

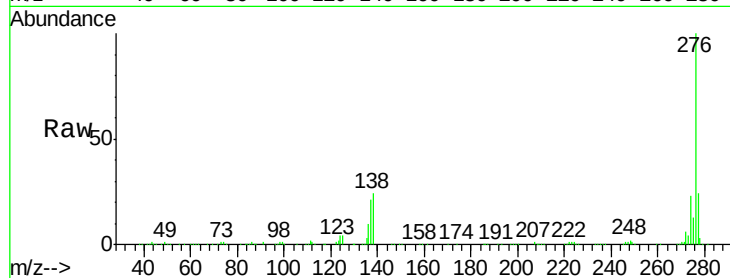




#91
 Benzo(a,h,i)perylene
 Concen: 55.96 ng
 RT: 21.77 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	24.2	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

