

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 00:44:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	109653	20.00	ng	-0.06
21) Naphthalene-d8	9.59	136	455137	20.00	ng	-0.06
38) Acenaphthene-d10	12.42	164	218373	20.00	ng	-0.06
63) Phenanthrene-d10	14.82	188	432768	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	343512	20.00	ng	-0.05
86) Perylene-d12	20.18	264	241151	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1000222	160.28	ng	-0.02
7) Phenol-d6	7.11	99	1246001	147.77	ng	-0.06
23) Nitrobenzene-d5	8.48	82	935104	103.55	ng	-0.06
41) 2,4,6-Tribromophenol	13.73	330	351605	167.55	ng	-0.06
44) 2-Fluorobiphenyl	11.37	172	1605097	103.62	ng	-0.06
78) Terphenyl-d14	17.18	244	1585083	98.10	ng	-0.05

Target Compounds						Qvalue
3) Pyridine	2.71	79	147842	20.54	ng	# 63
4) n-Nitrosodimethylamine	2.57	42	294181	53.04	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	487487	52.94	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	49818	28.00	ng	# 51
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
42) 2,4,6-Trichlorophenol	11.26	196	227806	56.46	ng	93

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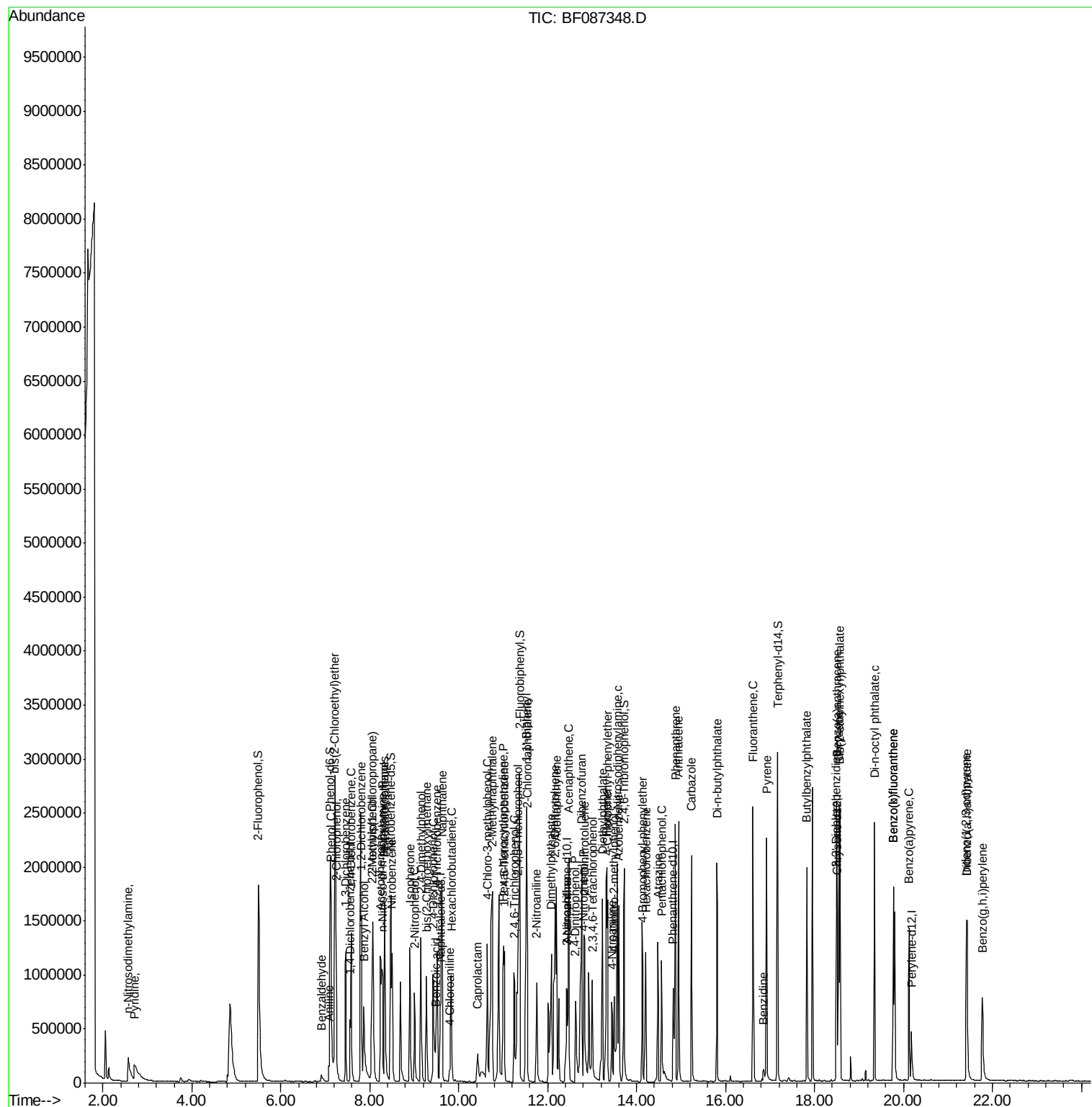
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.34	196	226292	55.07	ng	# 91
45) 1,1'-Biphenyl	11.52	154	972314	52.88	ng	97
46) 2-Chloronaphthalene	11.53	162	736861	52.39	ng	# 90
47) 2-Nitroaniline	11.75	65	303267	59.84	ng	# 74
48) Acenaphthylene	12.19	152	1192263	53.54	ng	99
49) Dimethylphthalate	12.08	163	953153	54.49	ng	100
50) 2,6-Dinitrotoluene	12.17	165	199740	56.67	ng	# 85
51) Acenaphthene	12.48	154	741723	54.19	ng	98
52) 3-Nitroaniline	12.43	138	107156	29.62	ng	# 83
53) 2,4-Dinitrophenol	12.63	184	156991	86.45	ng	# 74
54) Dibenzofuran	12.76	168	1078040	58.17	ng	95
55) 4-Nitrophenol	12.81	139	211368	122.48	ng	# 51
56) 2,4-Dinitrotoluene	12.83	165	279364	59.30	ng	90
57) Fluorene	13.31	166	894657	55.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	211012	66.76	ng	98
59) Diethylphthalate	13.23	149	955135	56.16	ng	98
60) 4-Chlorophenyl-phenylether	13.35	204	411558	52.52	ng	91
61) 4-Nitroaniline	13.45	138	188187	55.74	ng	# 77
62) Azobenzene	13.60	77	1101767	62.44	ng	86
64) 4,6-Dinitro-2-methylphenol	13.50	198	129383	47.02	ng	# 69
65) n-Nitrosodiphenylamine	13.57	169	753110	53.81	ng	100
66) 4-Bromophenyl-phenylether	14.14	248	245599	51.88	ng	# 87
67) Hexachlorobenzene	14.21	284	253290	51.15	ng	# 83
68) Atrazine	14.48	200	241511	54.14	ng	93
69) Pentachlorophenol	14.56	266	210372	132.32	ng	96
70) Phenanthrene	14.87	178	1292295	53.91	ng	100
71) Anthracene	14.95	178	1282170	52.95	ng	100
72) Carbazole	15.23	167	1151021	55.73	ng	99
73) Di-n-butylphthalate	15.81	149	1463925	54.81	ng	# 98
74) Fluoranthene	16.62	202	1260717	52.45	ng	97
76) Benzidine	16.86	184	99105	11.21	ng	96
77) Pyrene	16.93	202	1317295	53.27	ng	99
79) Butylbenzylphthalate	17.83	149	605065	55.18	ng	# 67
80) Benzo(a)anthracene	18.50	228	1058289	54.16	ng	99
81) 3,3'-Dichlorobenzidine	18.49	252	166587	15.43	ng	# 96
82) Chrysene	18.55	228	1015821	52.38	ng	98
83) Bis(2-ethylhexyl)phthalate	18.57	149	823930	51.49	ng	# 95
84) Di-n-octyl phthalate	19.35	149	1273997	52.21	ng	# 87
85) Indeno(1,2,3-cd)pyrene	21.42	276	745548	47.96	ng	95
87) Benzo(b)fluoranthene	19.77	252	1640322	106.78	ng	# 97
88) Benzo(k)fluoranthene	19.77	252	1640322	124.06	ng	99
89) Benzo(a)pyrene	20.13	252	757193	56.99	ng	97
90) Dibenzo(a,h)anthracene	21.43	278	635267	56.06	ng	# 93
91) Benzo(g,h,i)perylene	21.77	276	626085	56.00	ng	94

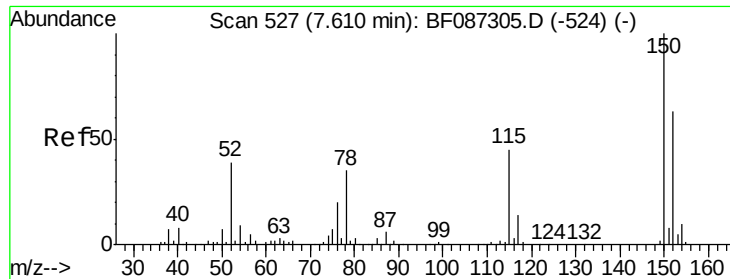
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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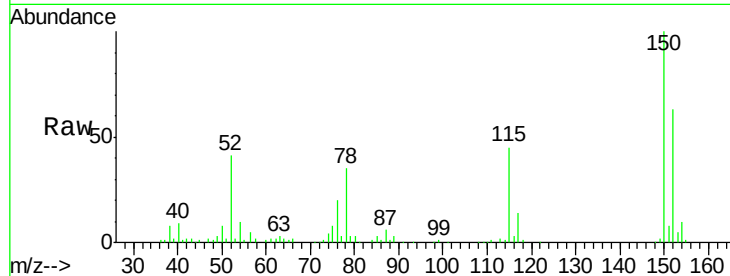


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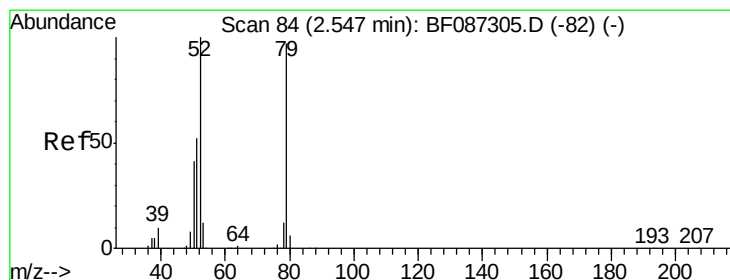
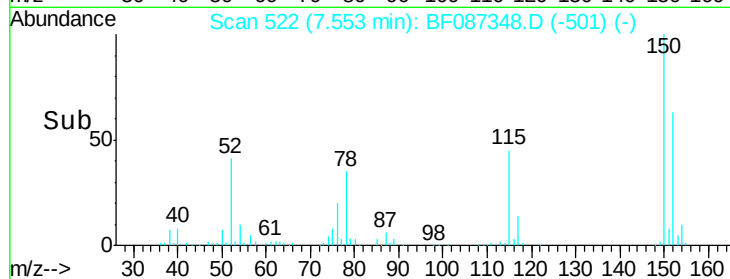
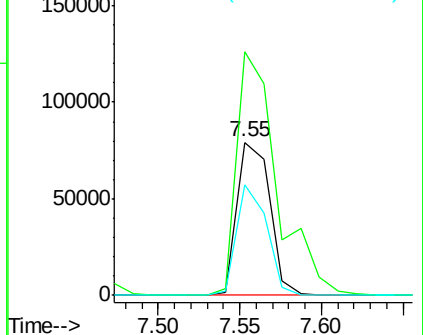
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

Tgt Ion:152 Resp: 109653
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.6
115 72.1 51.5 77.3



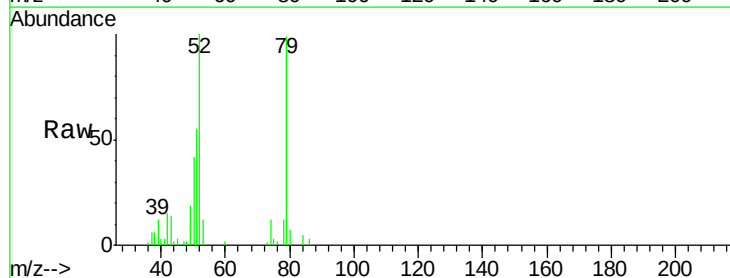
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



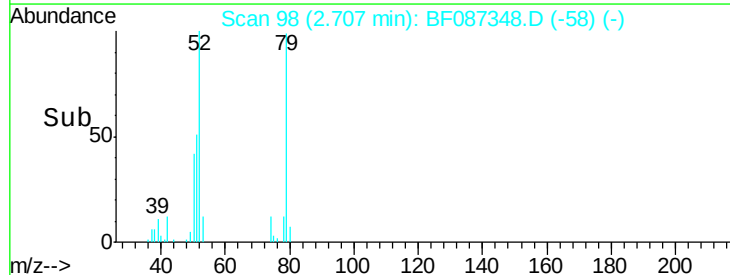
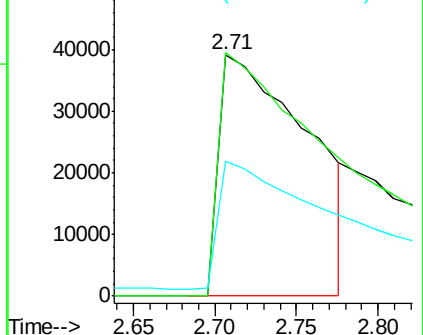
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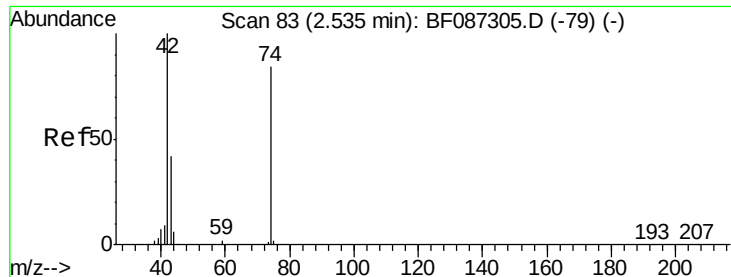
Pyridine
Concen: 20.54 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.16 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion: 79 Resp: 147842
Ion Ratio Lower Upper
79 100
52 100.9 55.9 83.9#
51 55.7 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 53.04 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.03 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

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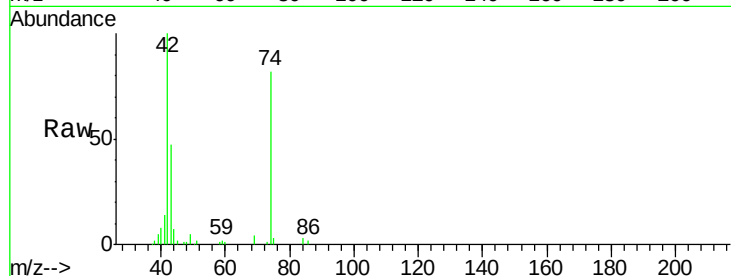
Tgt Ion: 42 Resp: 294181

Ion Ratio Lower Upper

42 100

74 81.5 123.4 185.0#

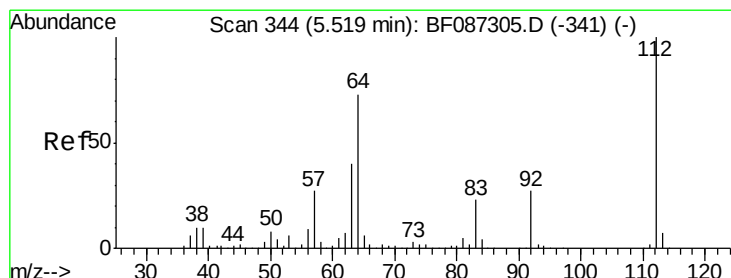
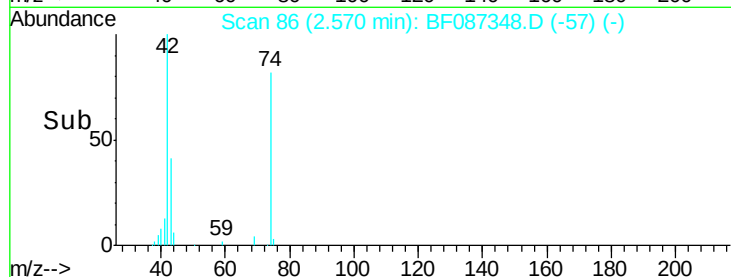
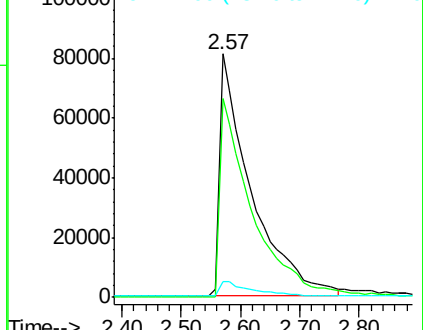
44 6.5 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 160.28 ng

RT: 5.50 min Scan# 342

Delta R.T. -0.02 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

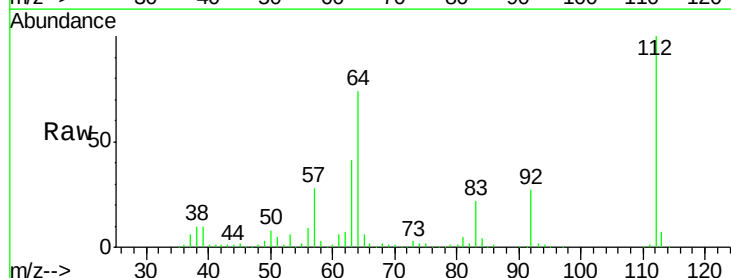
Tgt Ion: 112 Resp: 1000222

Ion Ratio Lower Upper

112 100

64 74.0 52.1 78.1

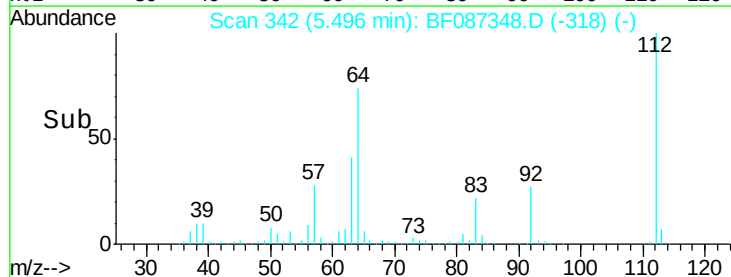
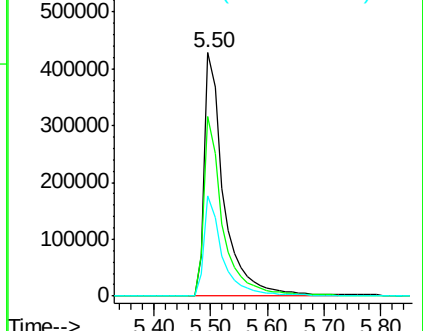
63 41.1 25.7 38.5#

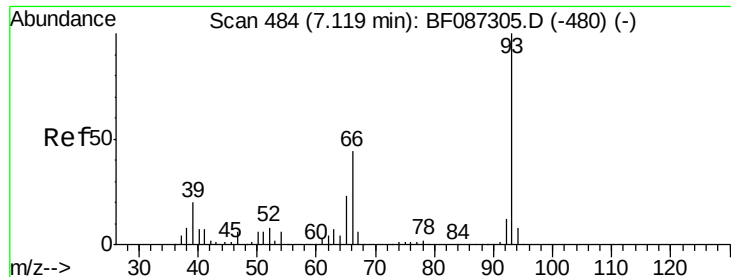


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.05 min

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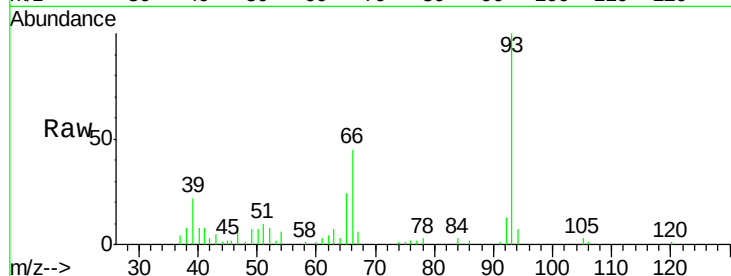
Tgt Ion: 93 Resp: 136461

Ion Ratio Lower Upper

93 100

66 44.9 39.0 58.6

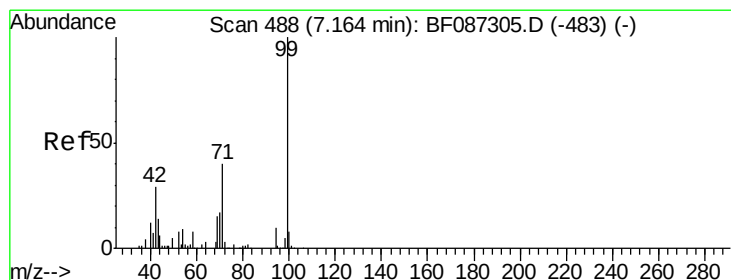
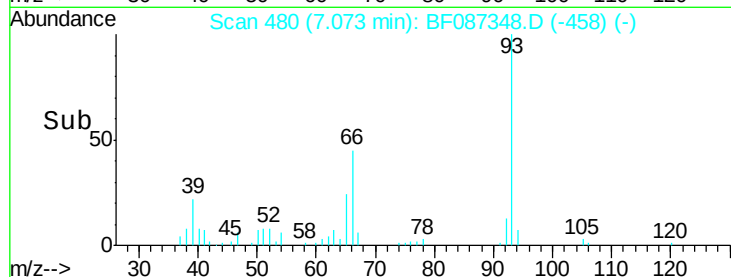
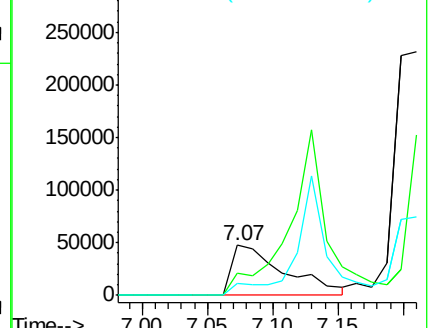
65 23.8 20.6 31.0



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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

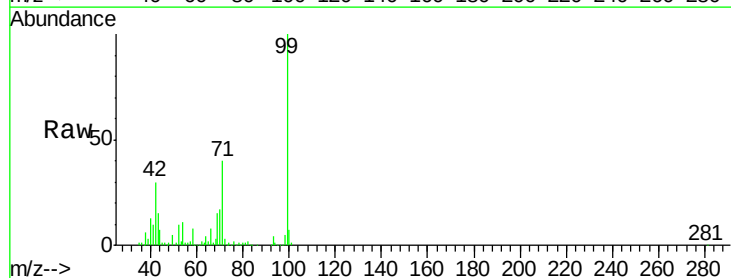
Tgt Ion: 99 Resp: 1246001

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

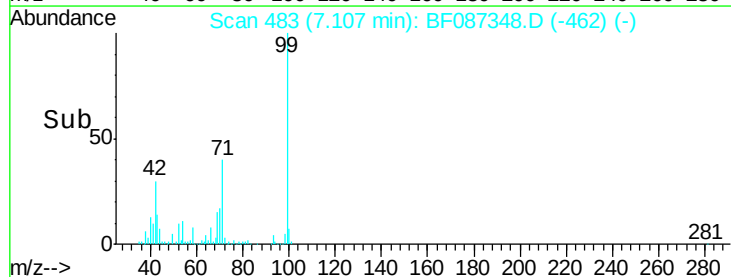
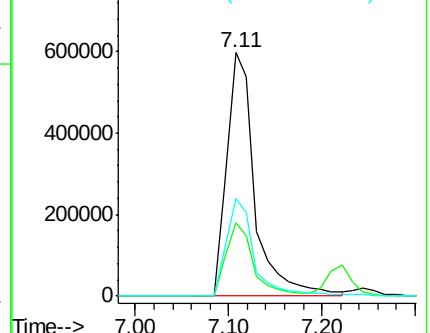
71 40.3 24.6 36.8#

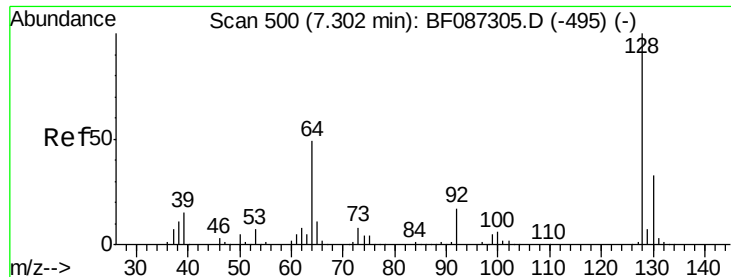


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

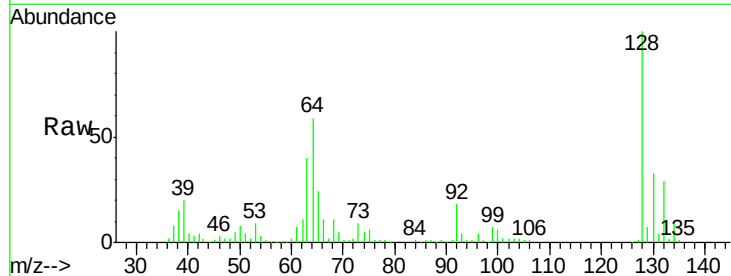




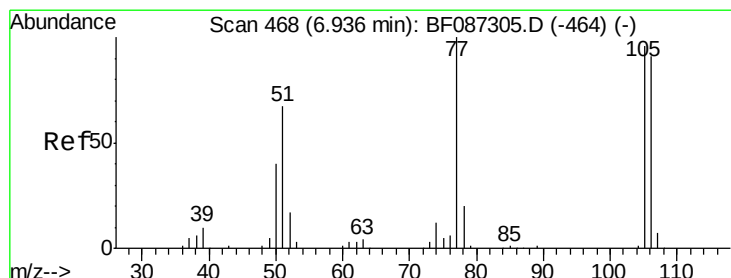
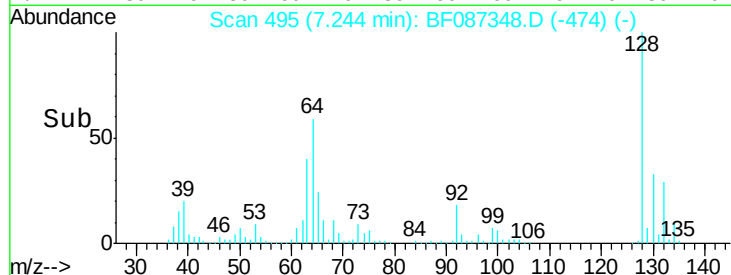
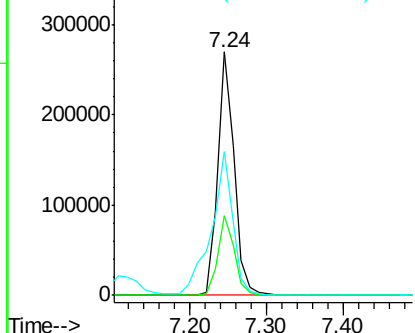
#8
2-Chlorophenol
Concen: 51.74 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.06 min
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Tgt Ion: 128 Resp: 402646
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 58.8 27.3 67.3

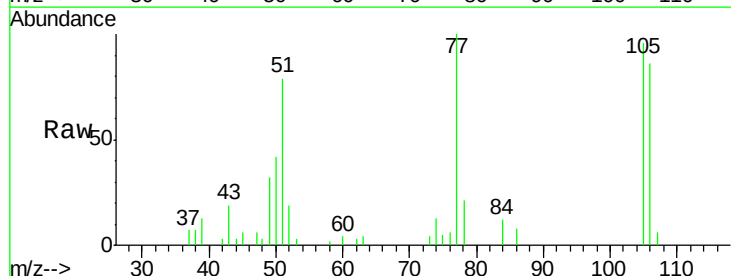


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

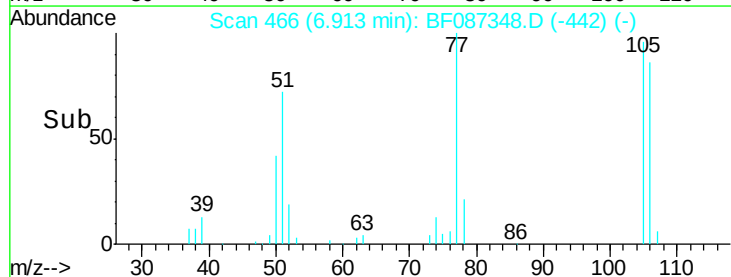
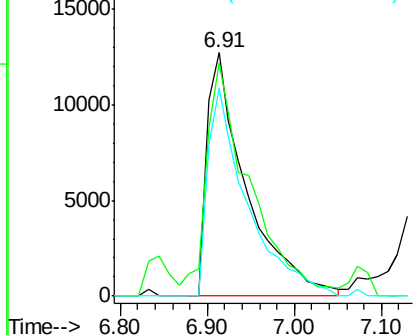


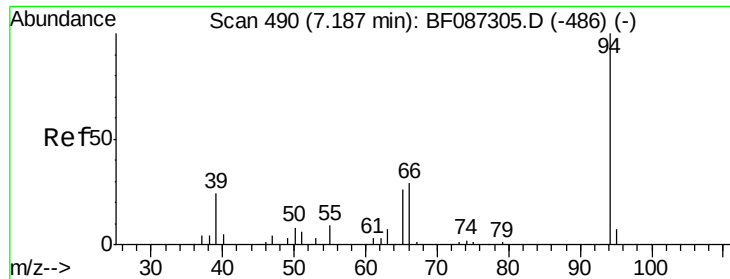
#9
Benzaldehyde
Concen: 8.63 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion: 77 Resp: 40155
Ion Ratio Lower Upper
77 100
105 96.1 72.7 112.7
106 85.6 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 52.94 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.06 min

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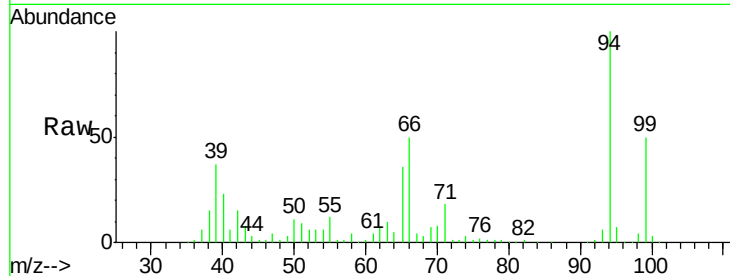
Tgt Ion: 94 Resp: 487487

Ion Ratio Lower Upper

94 100

65 35.8 7.2 47.2

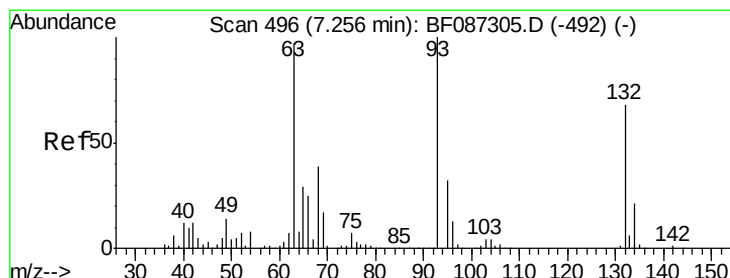
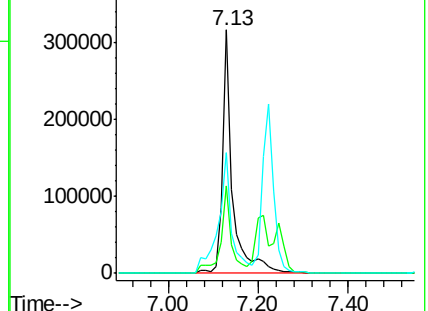
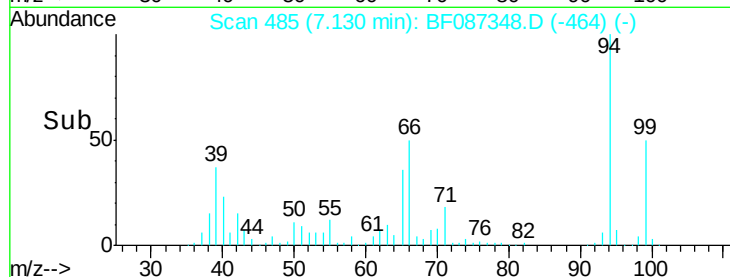
66 49.8 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 55.53 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

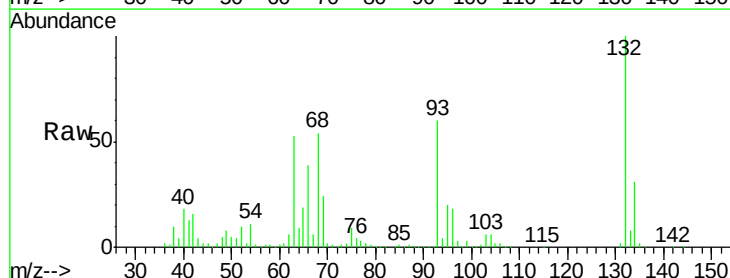
Tgt Ion: 93 Resp: 413875

Ion Ratio Lower Upper

93 100

63 88.5 58.0 98.0

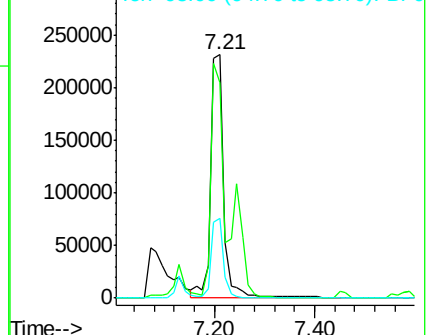
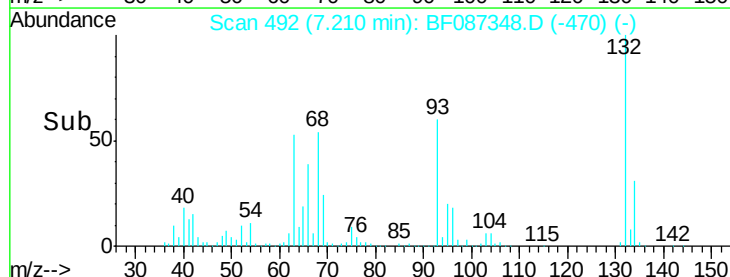
95 32.6 11.9 51.9

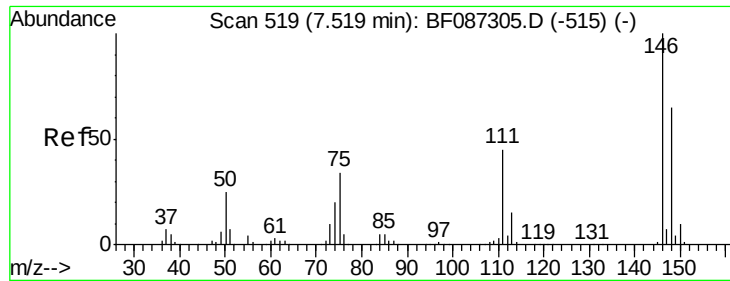


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

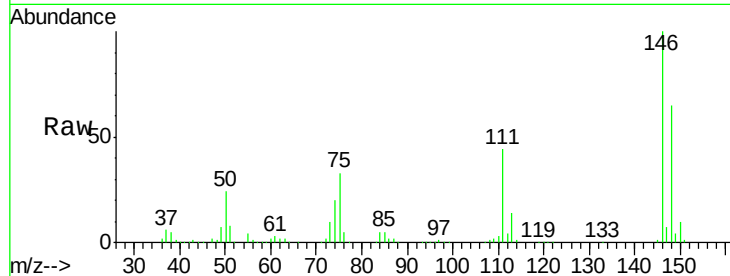




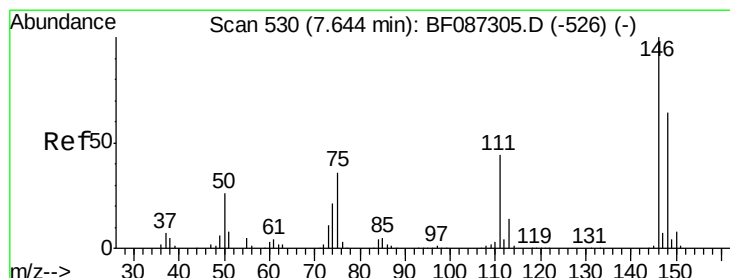
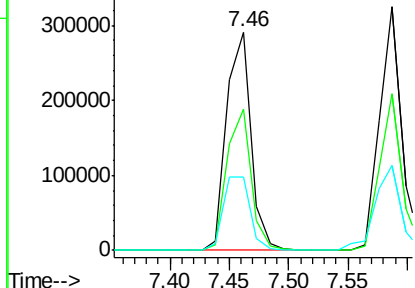
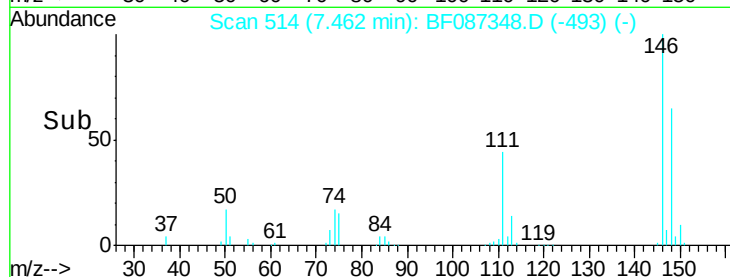
#12
 1,3-Dichlorobenzene
 Concen: 48.89 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

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

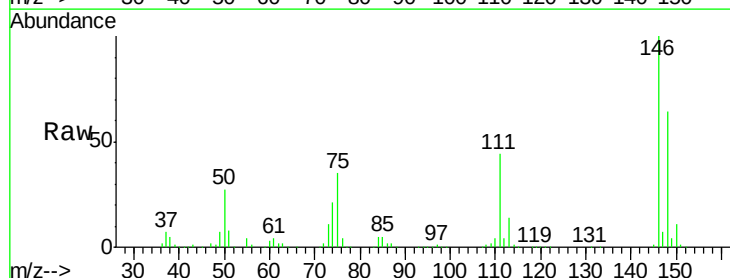


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

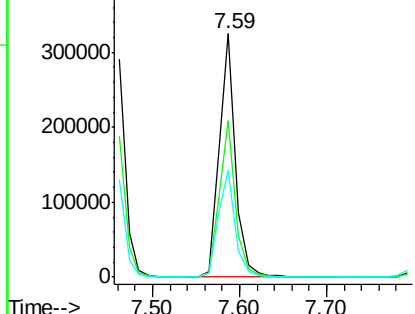
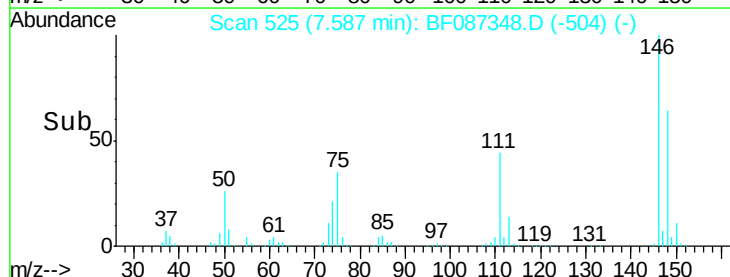


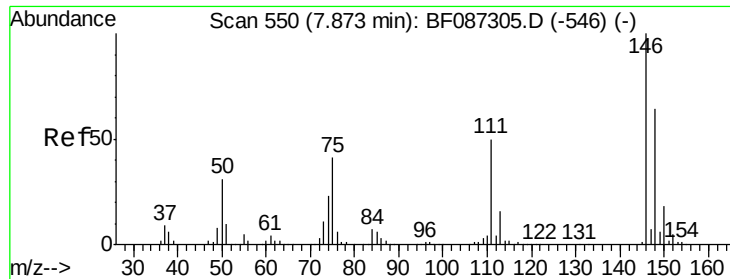
#13
 1,4-Dichlorobenzene
 Concen: 48.82 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

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



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

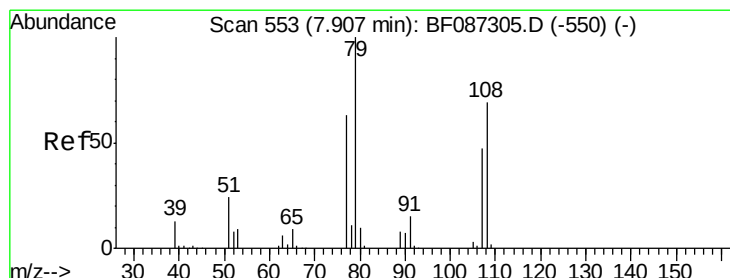
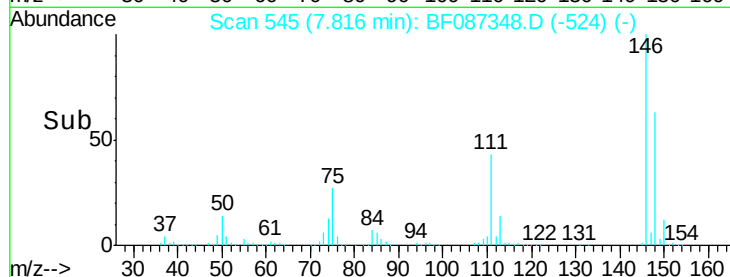
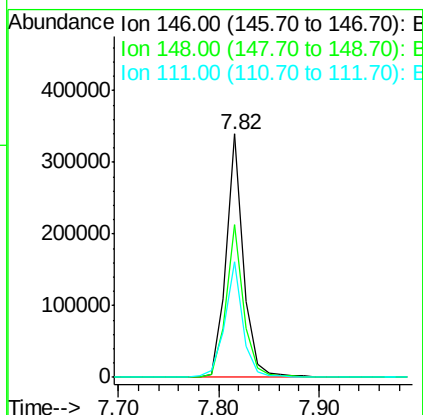
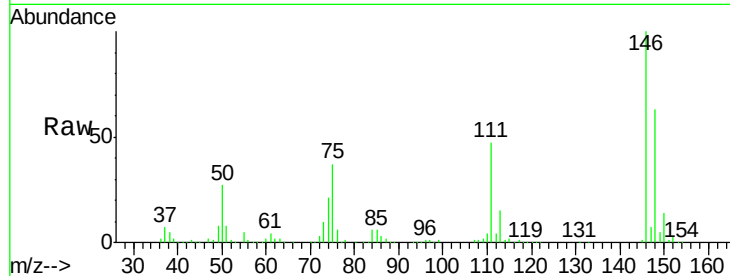




#14
 1,2-Dichlorobenzene
 Concen: 50.61 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

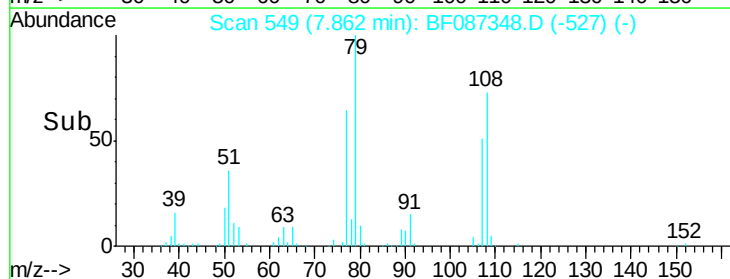
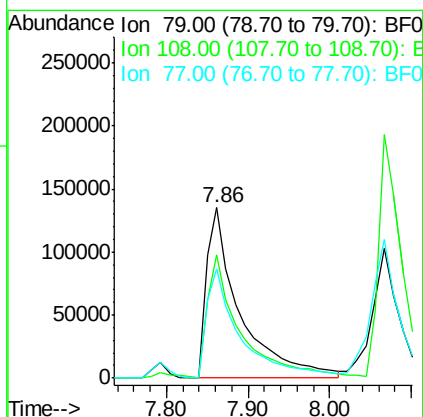
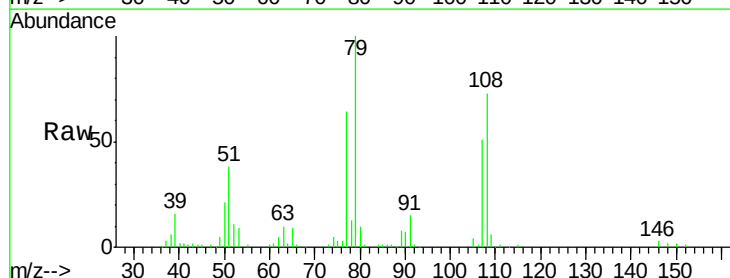
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

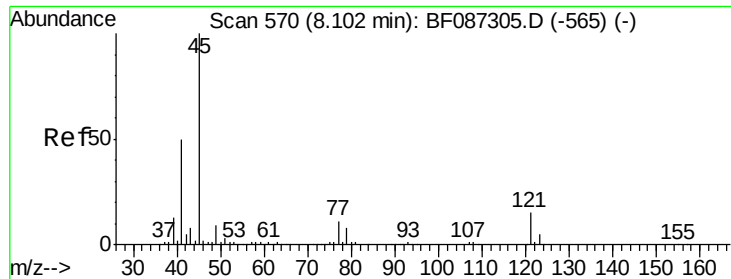
Tgt Ion:146 Resp: 407979
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 47.5 36.2 54.4



#15
 Benzyl Alcohol
 Concen: 63.02 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion: 79 Resp: 387450
 Ion Ratio Lower Upper
 79 100
 108 72.6 68.4 102.6
 77 64.2 50.6 76.0

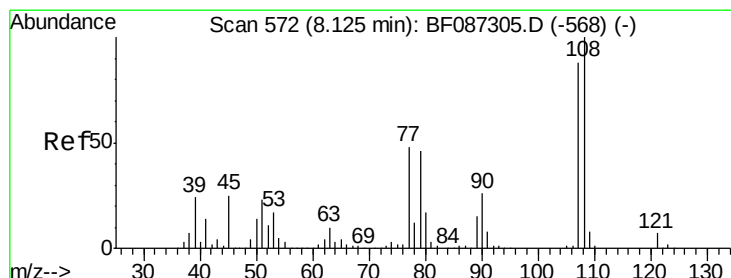
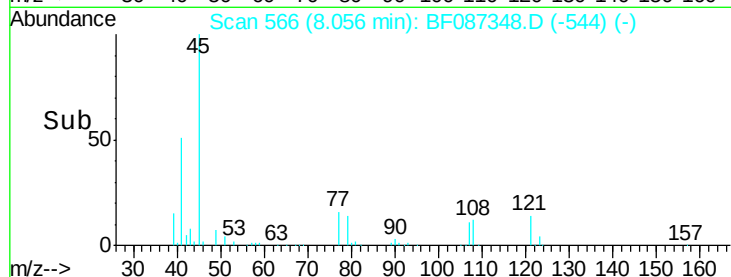
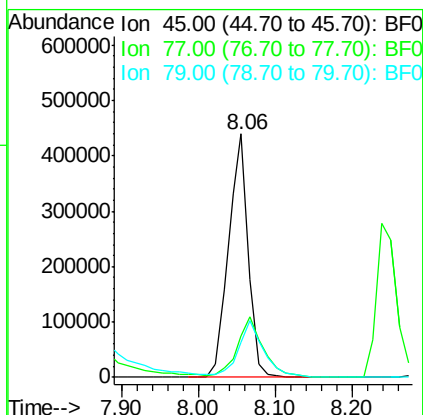
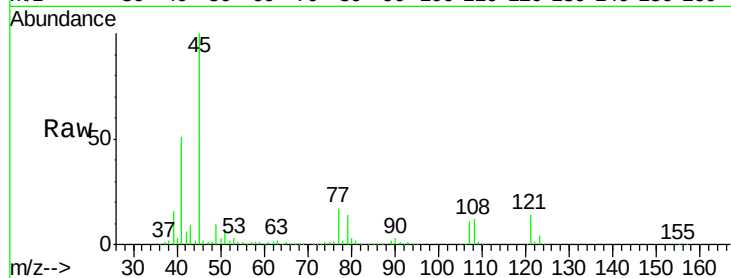




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.46 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

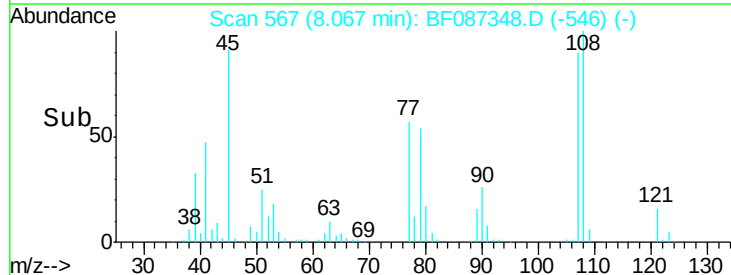
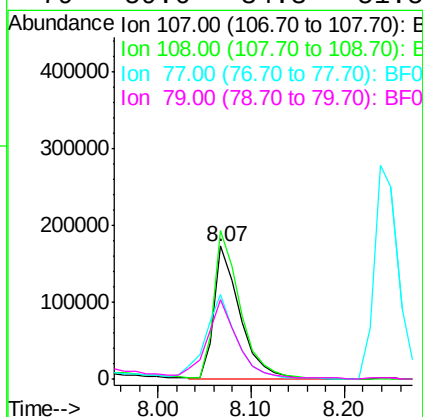
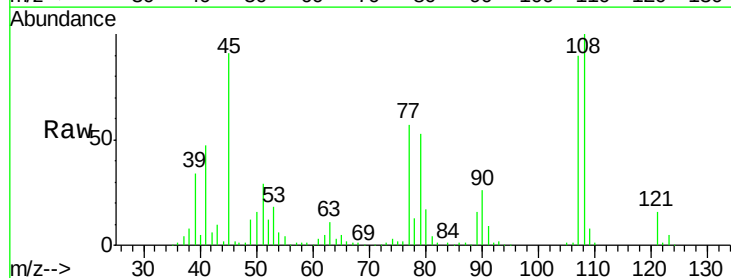
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

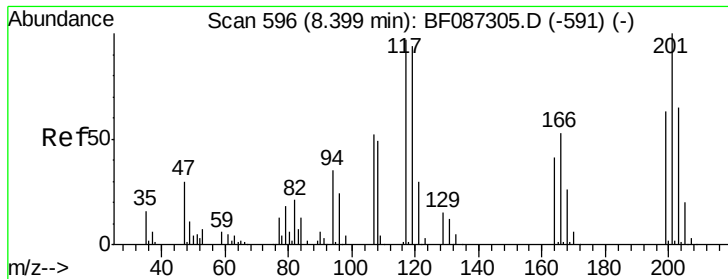
Tgt Ion:	45	Resp:	795758
Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	36.4
79	14.4	0.0	33.4



#17
2-Methylphenol
Concen: 53.49 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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#

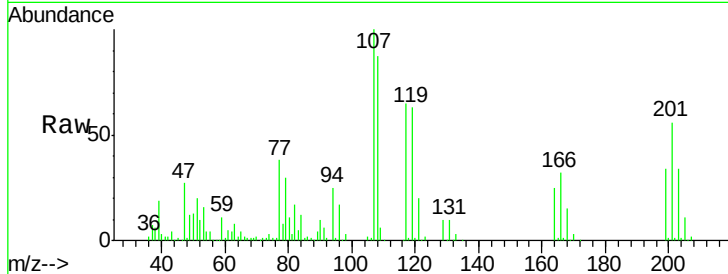




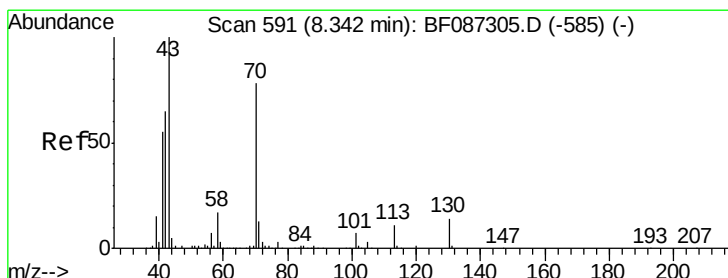
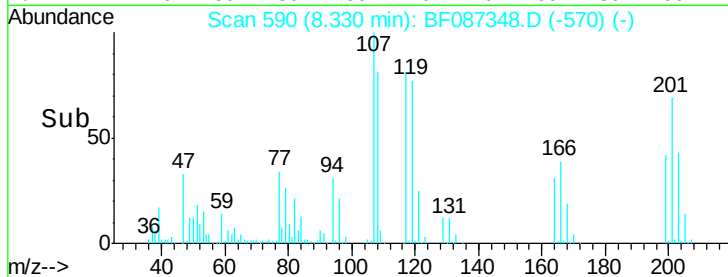
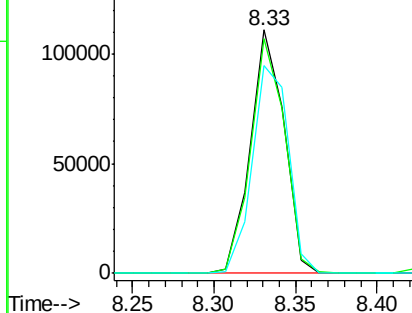
#18
Hexachloroethane
Concen: 48.86 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

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



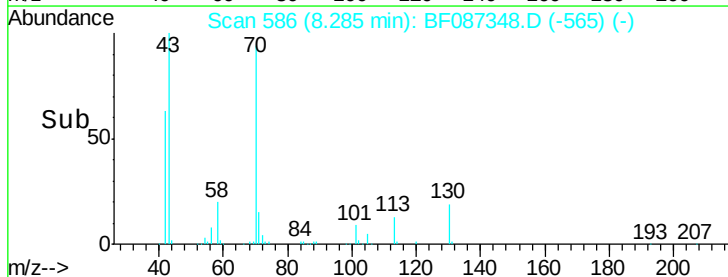
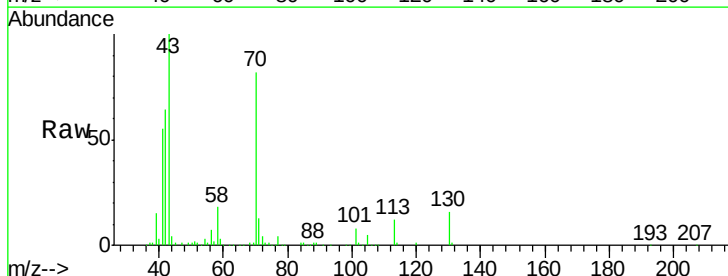
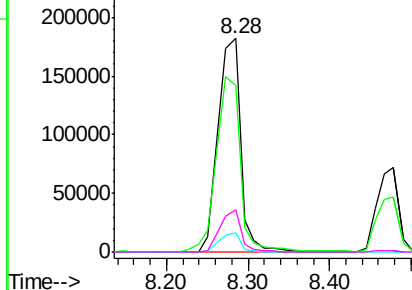
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

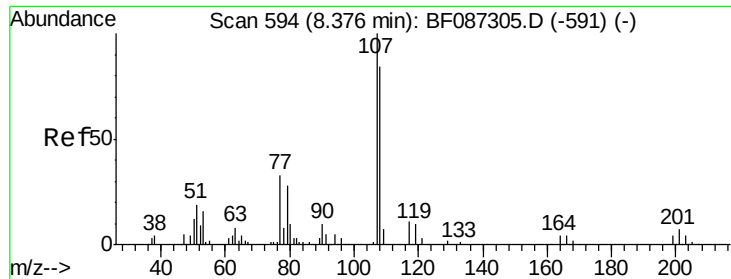


#19
n-Nitroso-di-n-propylamine
Concen: 55.45 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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

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

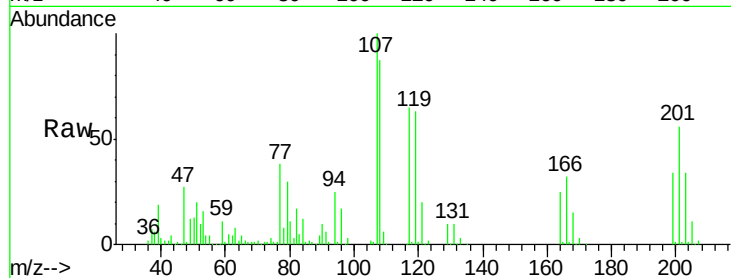




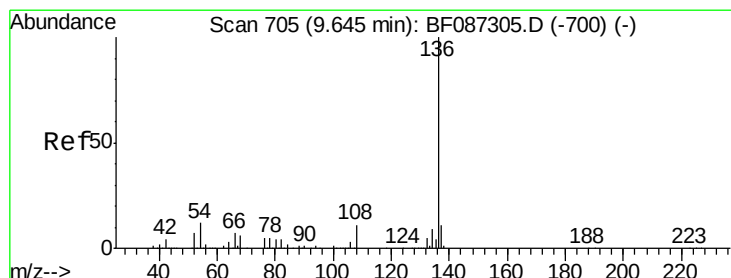
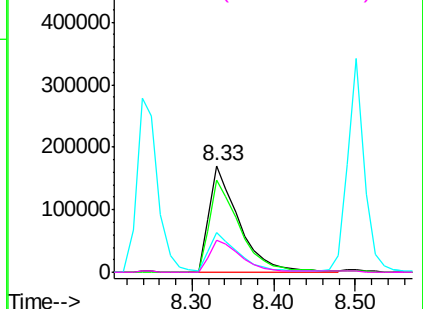
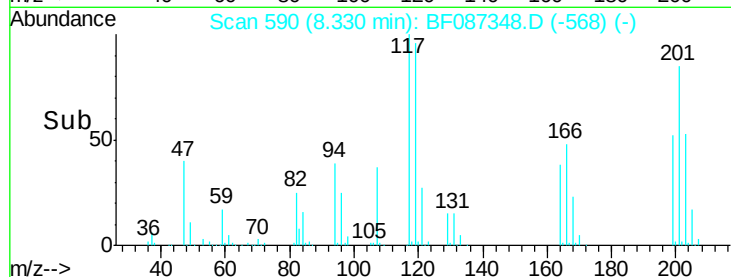
#20
3+4-Methylphenols
Concen: 57.31 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

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

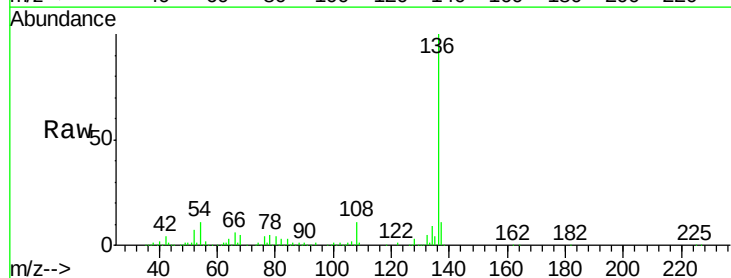


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

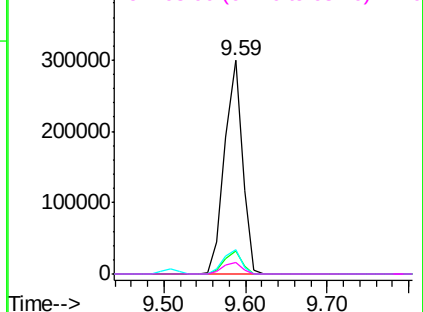
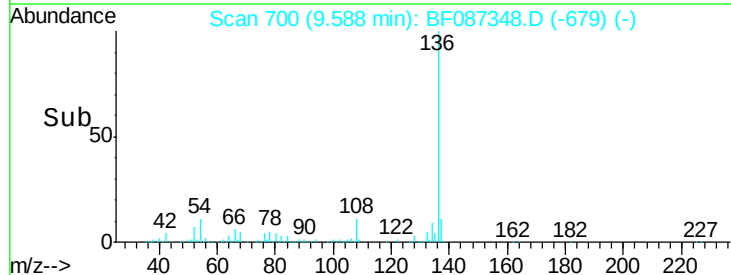


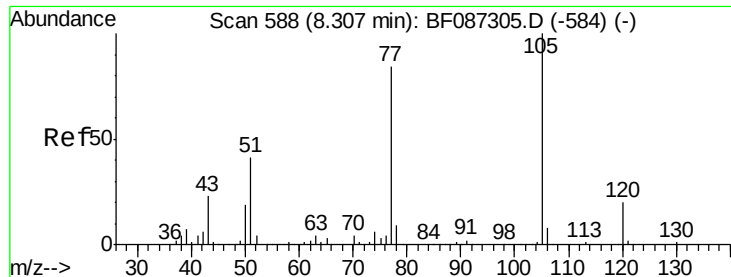
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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



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





#22

Acetophenone

Concen: 55.55 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

Tgt Ion:105 Resp: 604006

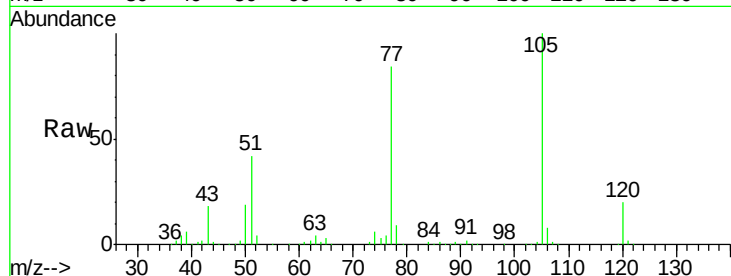
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 42.1 32.6 49.0

120 19.7 16.5 24.7

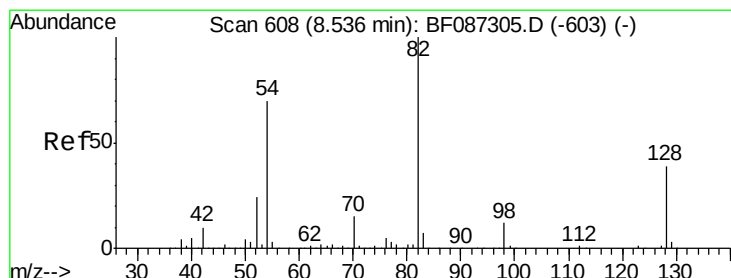
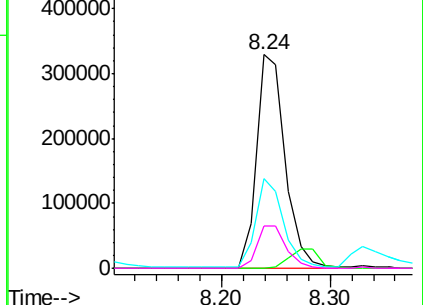
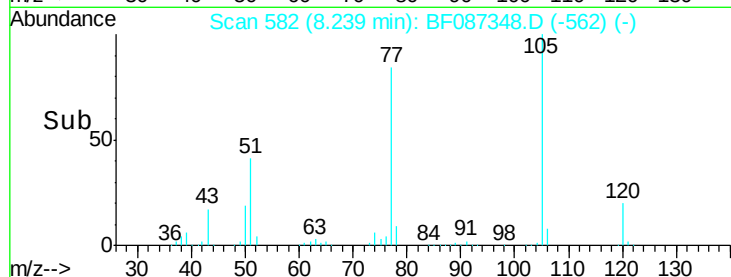


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 103.55 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

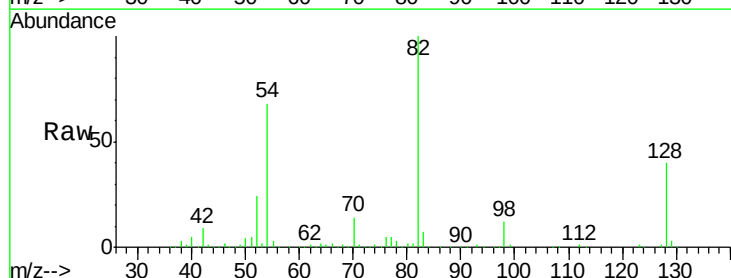
Tgt Ion: 82 Resp: 935104

Ion Ratio Lower Upper

82 100

128 40.4 40.6 61.0#

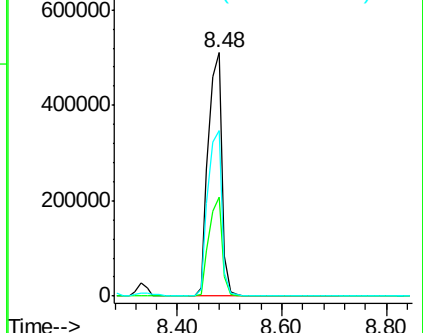
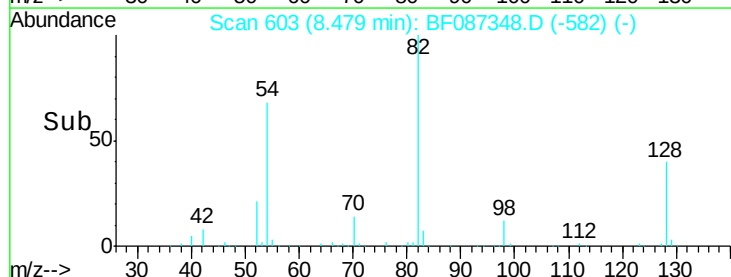
54 67.8 38.1 57.1#

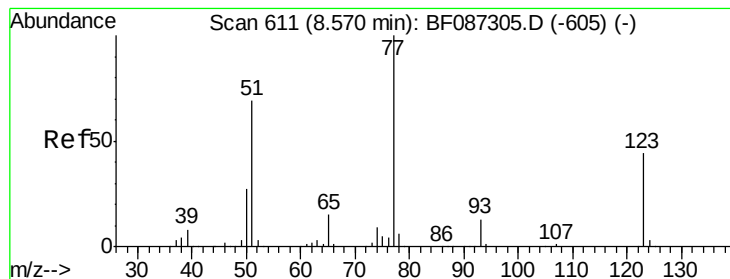


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 51.13 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

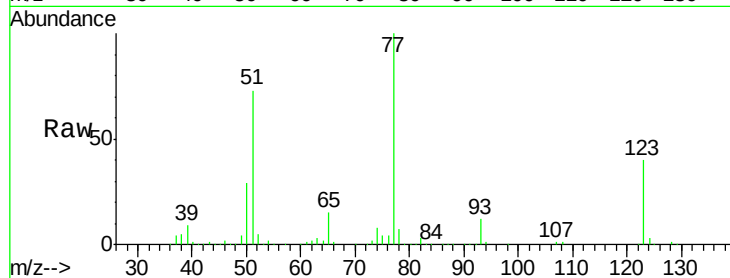
Tgt Ion: 77 Resp: 487380

Ion Ratio Lower Upper

77 100

123 40.1 33.0 49.4

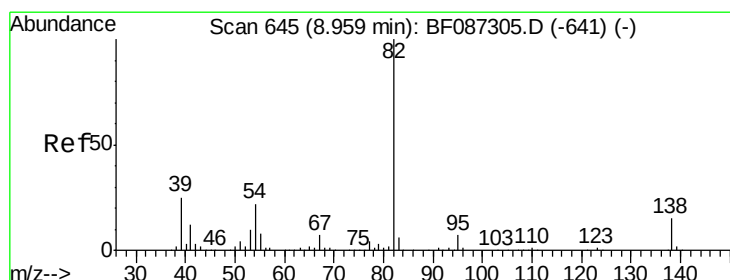
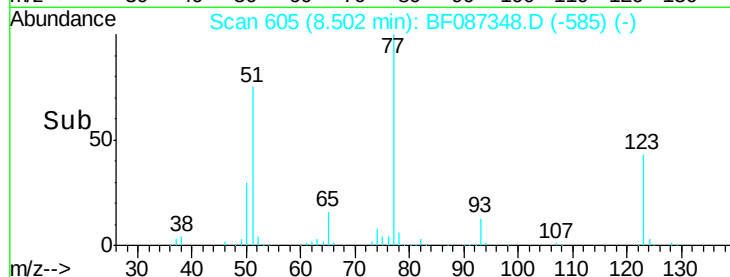
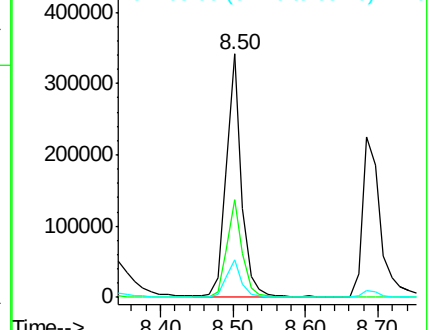
65 15.2 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 53.17 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

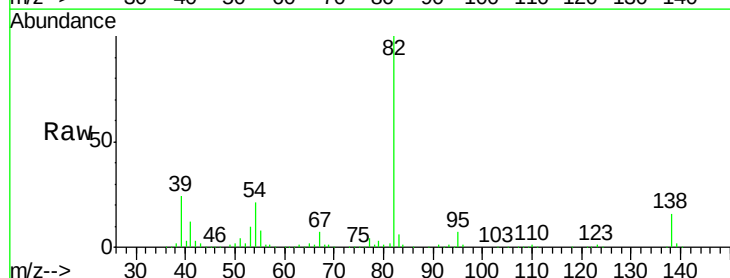
Tgt Ion: 82 Resp: 861219

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

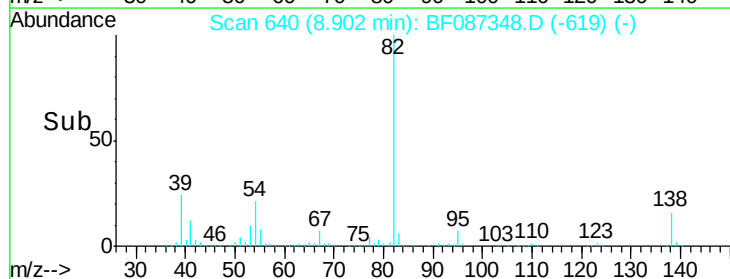
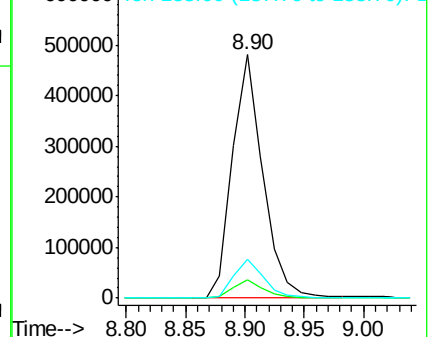
138 15.7 12.4 18.6

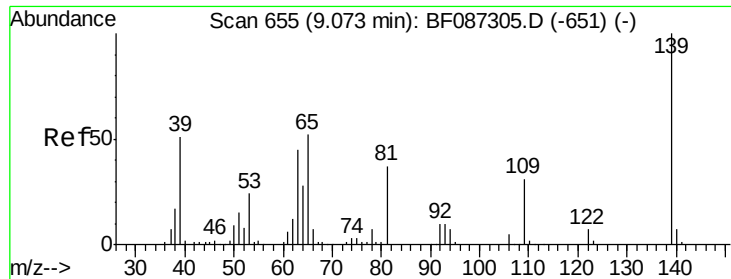


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

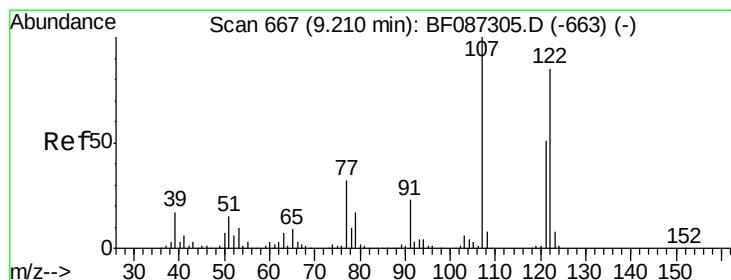
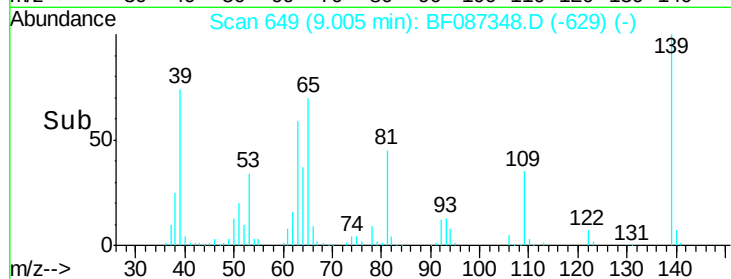
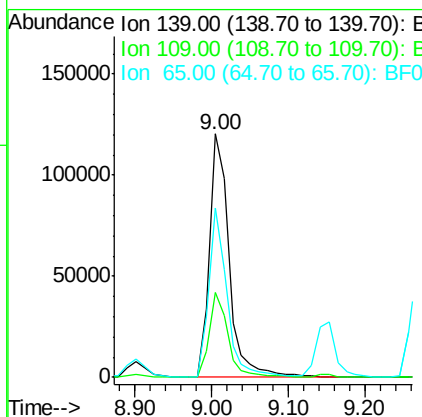
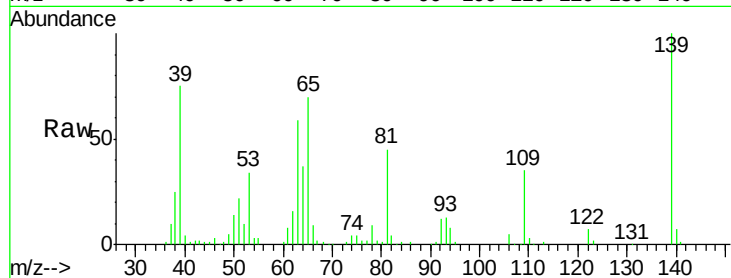




#26
 2-Nitrophenol
 Concen: 54.86 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.07 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

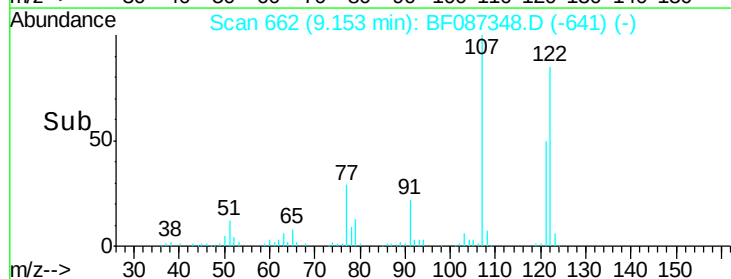
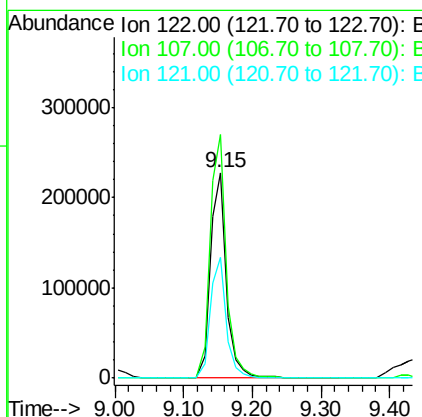
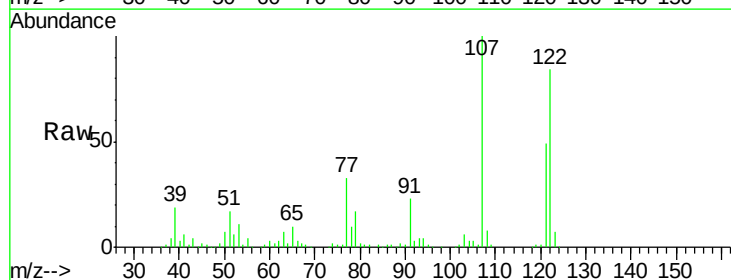
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

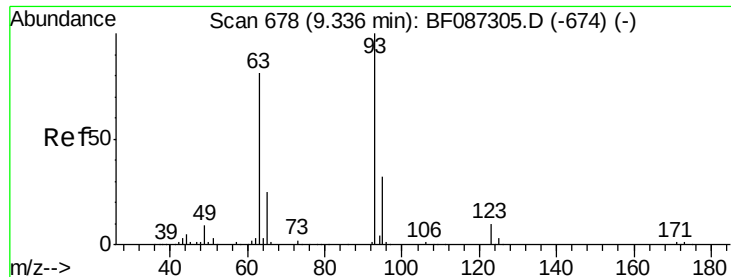
Tgt Ion:139 Resp: 213779
 Ion Ratio Lower Upper
 139 100
 109 35.0 19.5 29.3#
 65 69.7 37.5 56.3#



#27
 2,4-Dimethylphenol
 Concen: 54.83 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:122 Resp: 370869
 Ion Ratio Lower Upper
 122 100
 107 118.5 82.0 123.0
 121 58.5 46.1 69.1

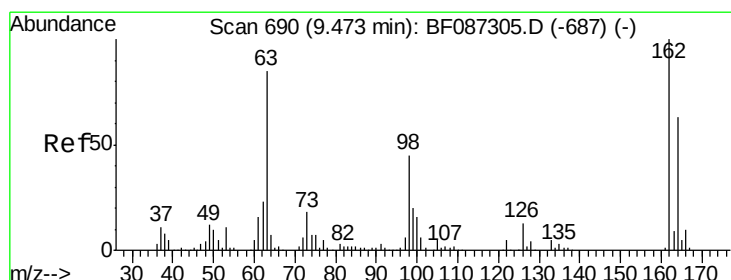
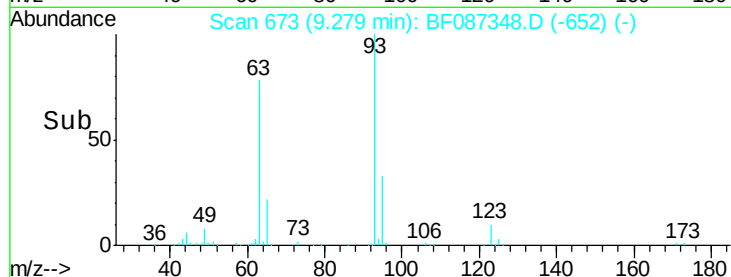
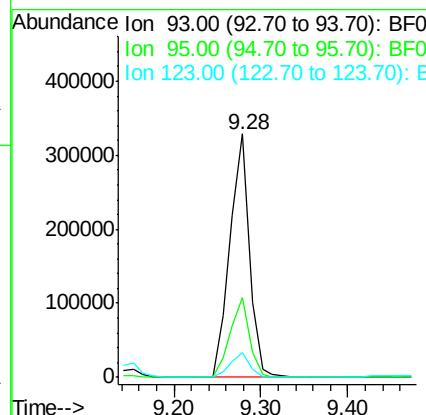
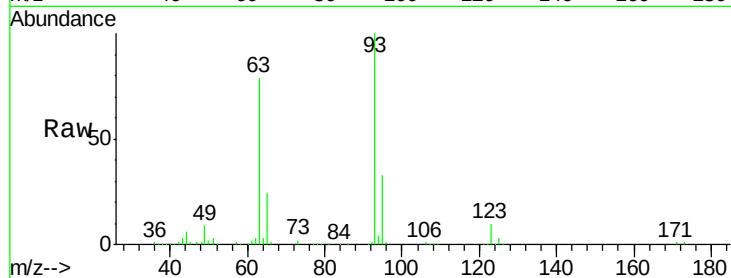




#28
 bis(2-Chloroethoxy)methane
 Concen: 56.73 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

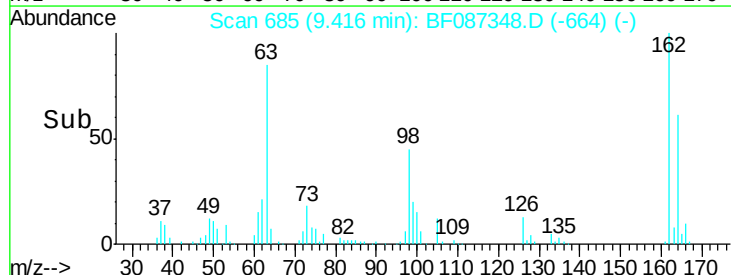
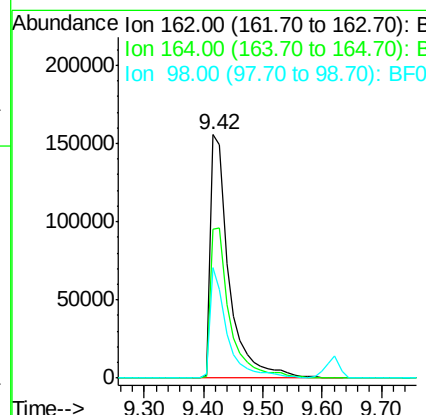
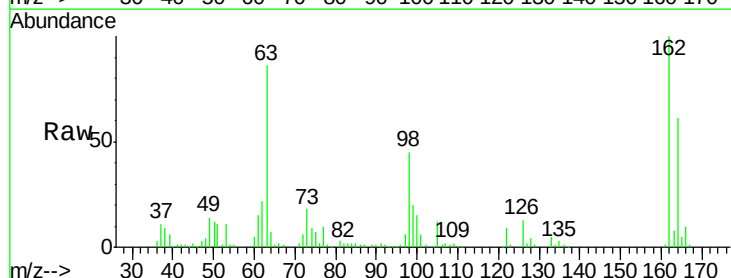
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

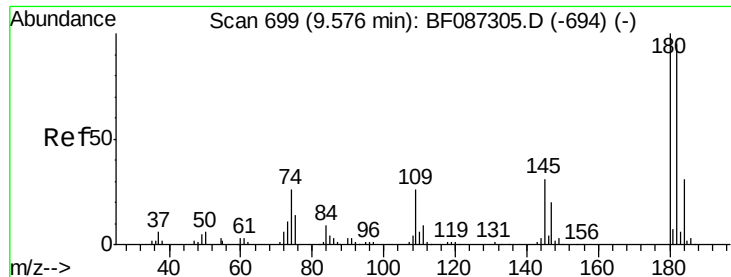
Tgt Ion: 93 Resp: 517575
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 10.0 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 56.48 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

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

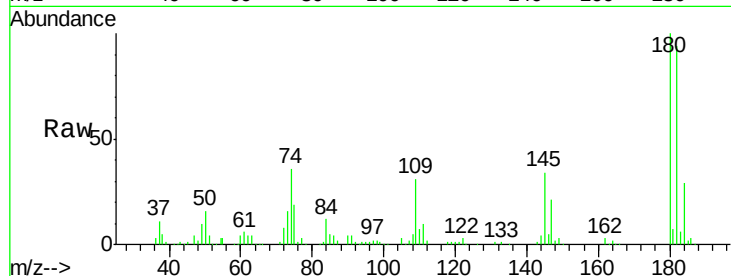




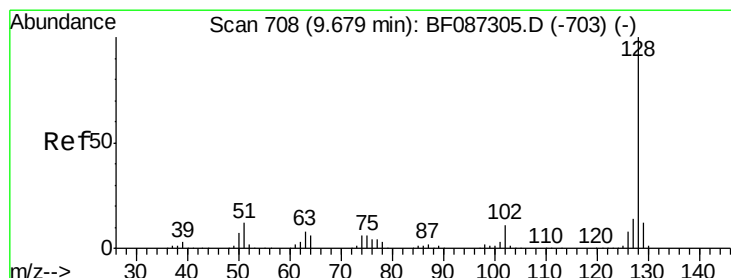
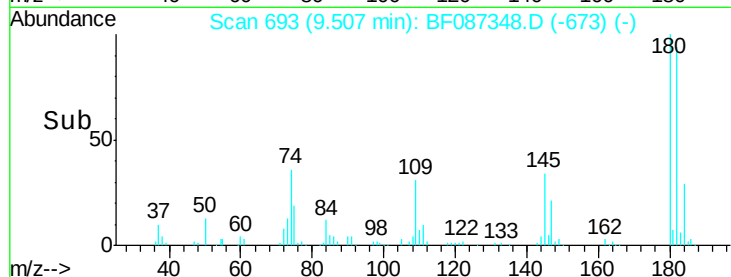
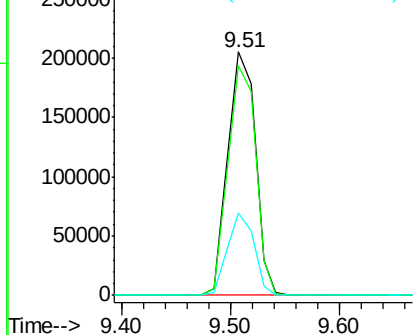
#30
 1,2,4-Trichlorobenzene
 Concen: 51.50 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

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

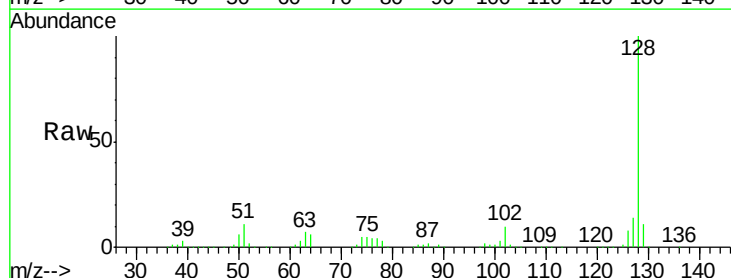


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

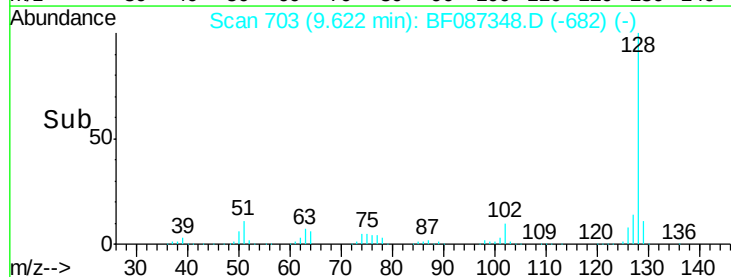
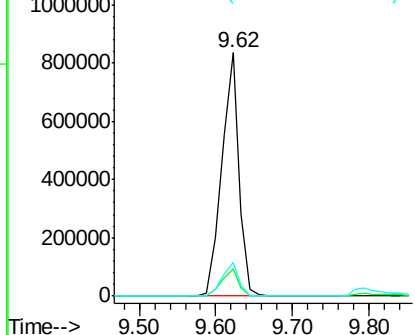


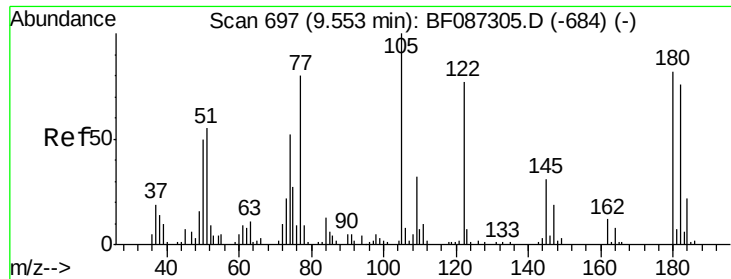
#31
 Naphthalene
 Concen: 57.77 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

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



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

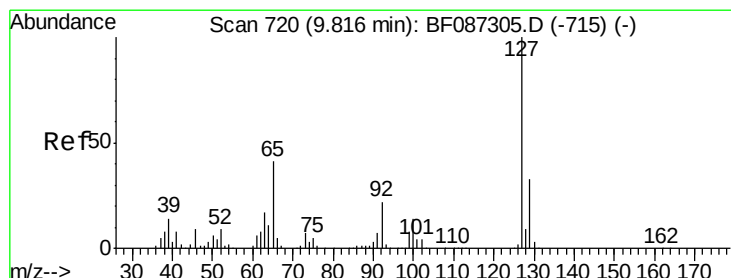
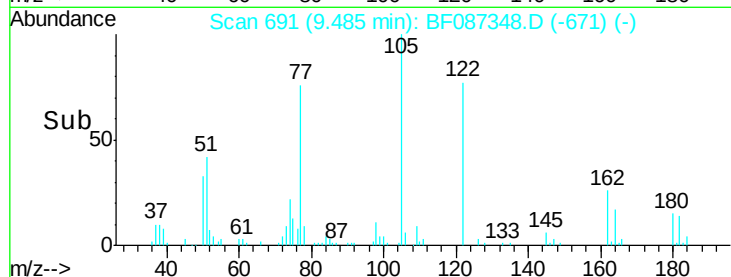
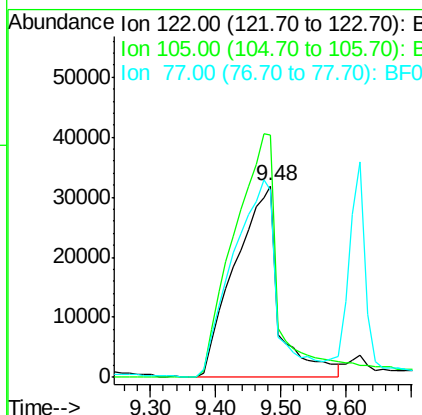
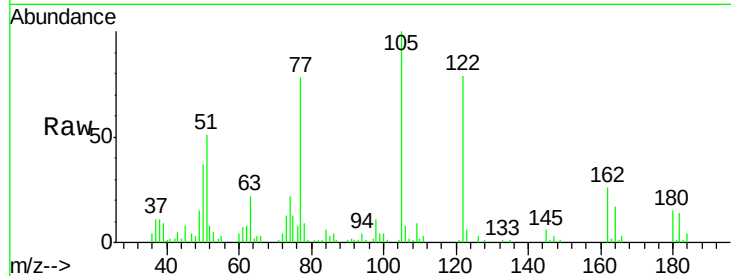




#32
Benzoic acid
Concen: 43.96 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

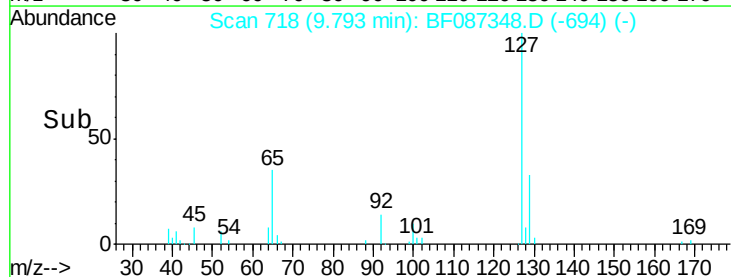
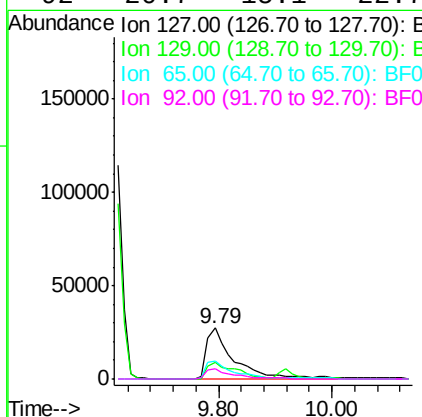
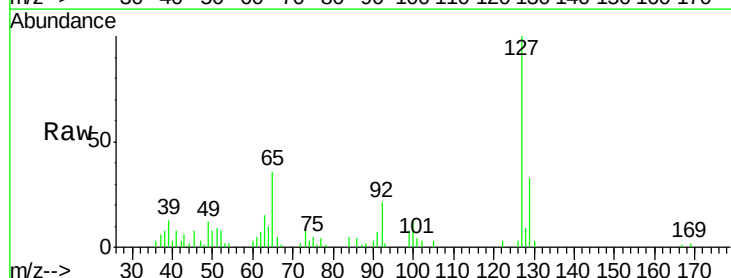
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

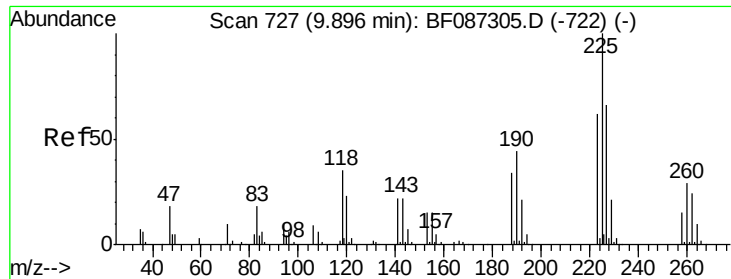
Tgt Ion:122 Resp: 151176
Ion Ratio Lower Upper
122 100
105 126.3 92.6 132.6
77 98.0 60.0 100.0



#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

Tgt 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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

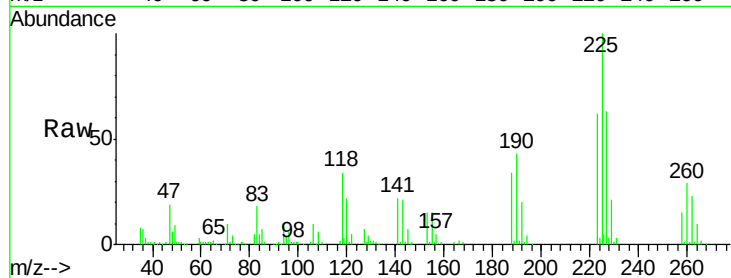
Tgt Ion: 225 Resp: 207125

Ion Ratio Lower Upper

225 100

223 61.8 51.5 77.3

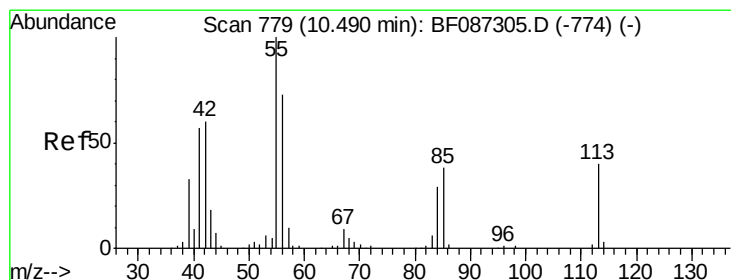
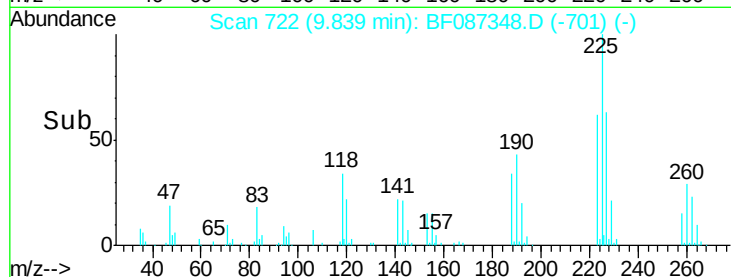
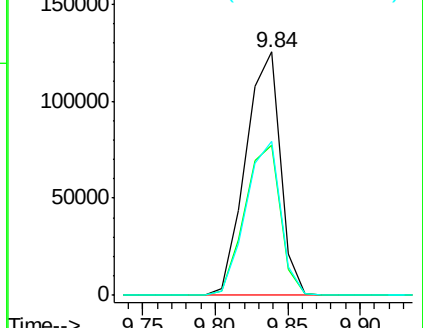
227 63.3 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 28.00 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

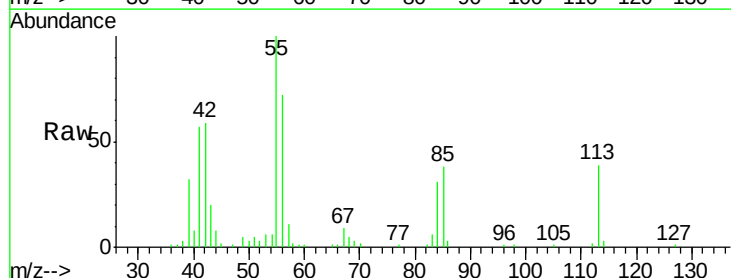
Tgt Ion: 113 Resp: 49818

Ion Ratio Lower Upper

113 100

55 258.2 162.0 202.0#

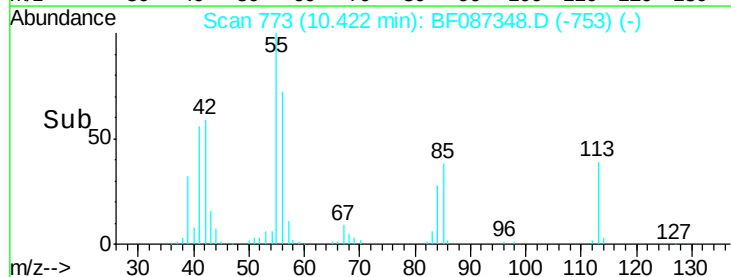
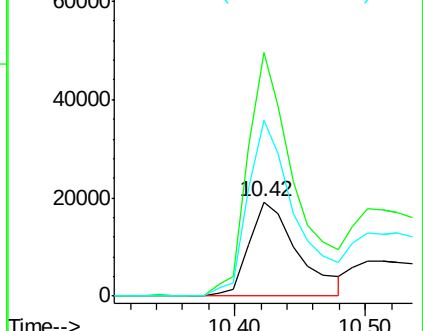
56 186.1 115.3 155.3#

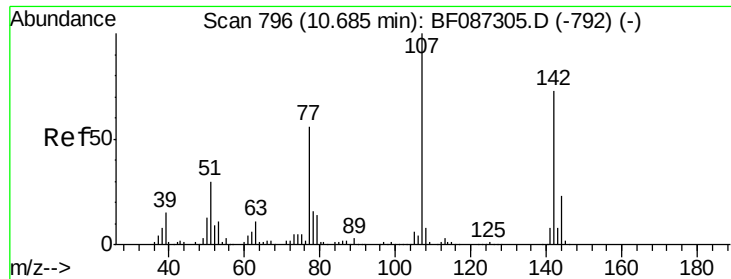


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

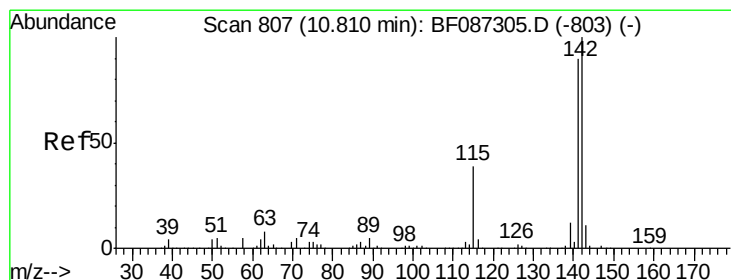
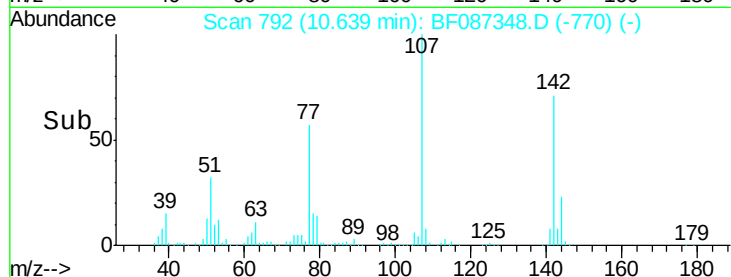
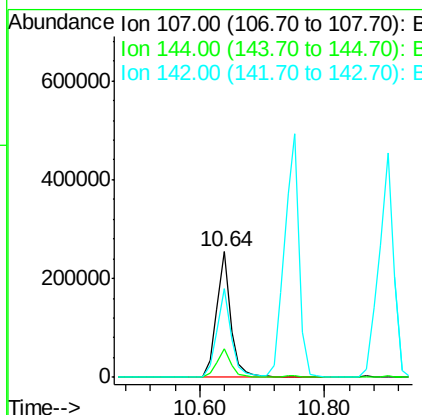
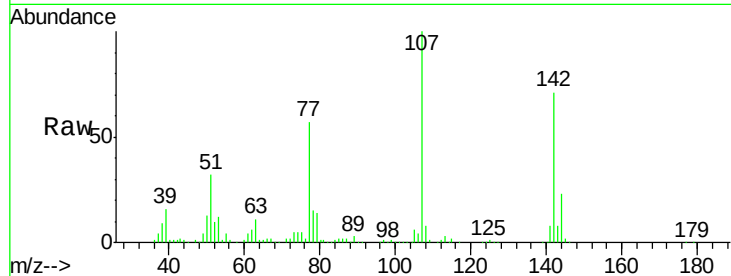




#36
 4-Chloro-3-methylphenol
 Concen: 58.13 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

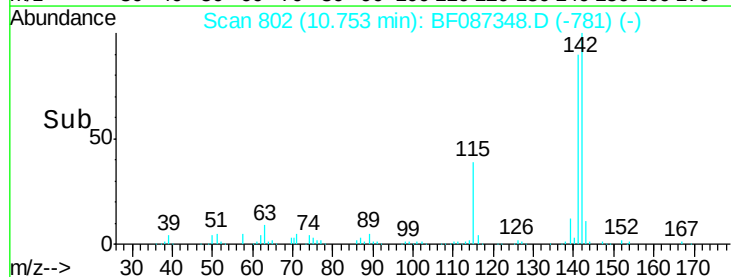
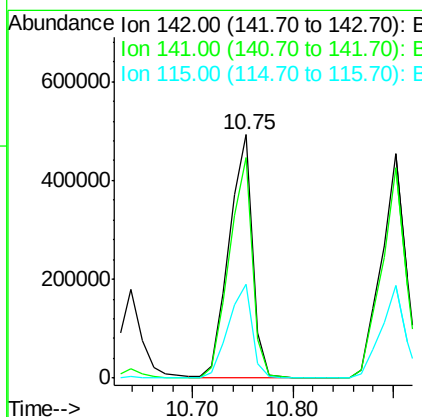
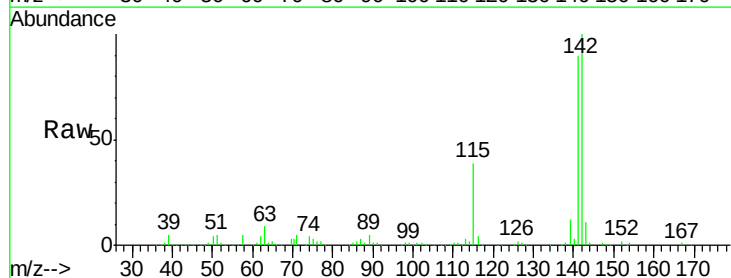
Instrument :
 BNA_F
 ClientSampleId :
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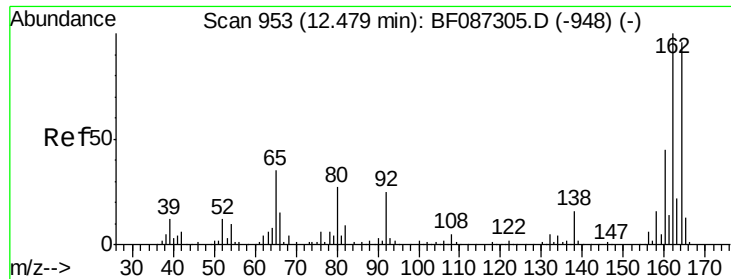
Tgt Ion:107 Resp: 400610
 Ion Ratio Lower Upper
 107 100
 144 22.5 20.7 31.1
 142 71.0 63.2 94.8



#37
 2-Methylnaphthalene
 Concen: 56.15 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:142 Resp: 800075
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 38.7 26.6 39.8

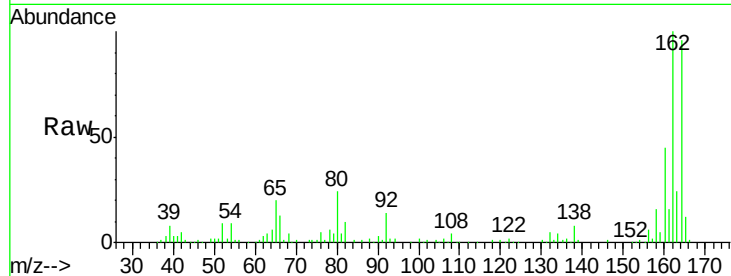




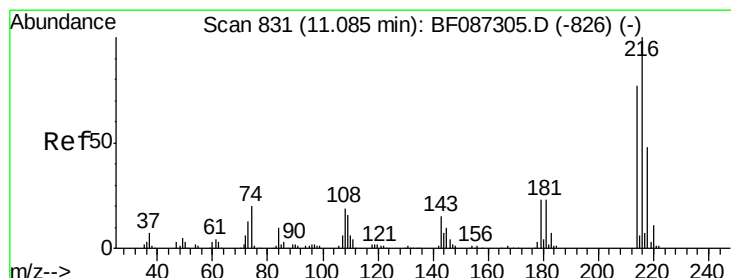
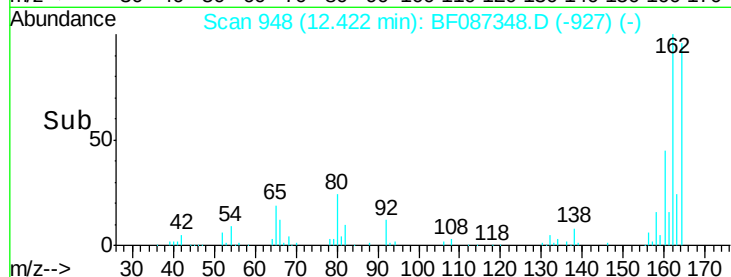
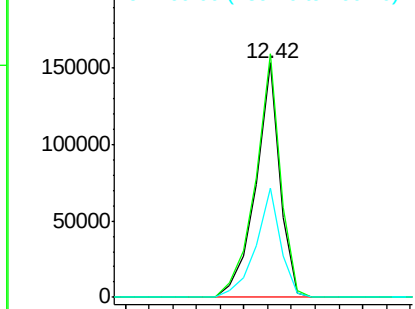
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

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

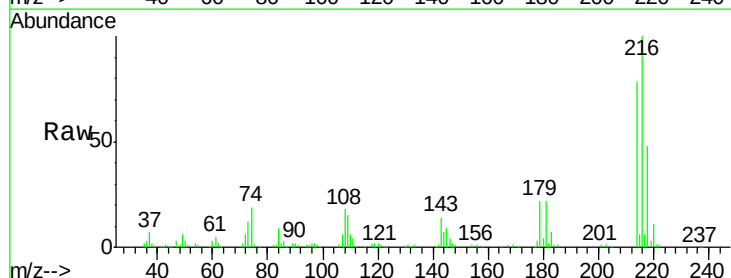


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

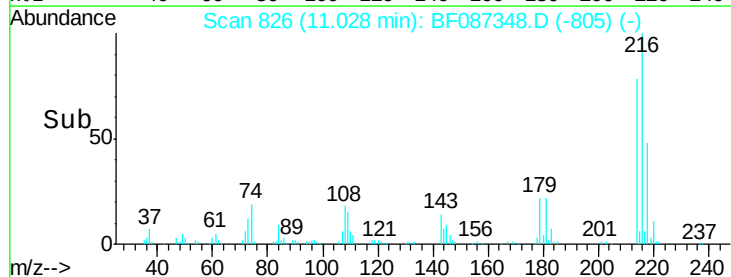
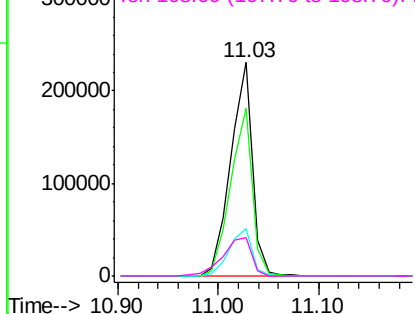


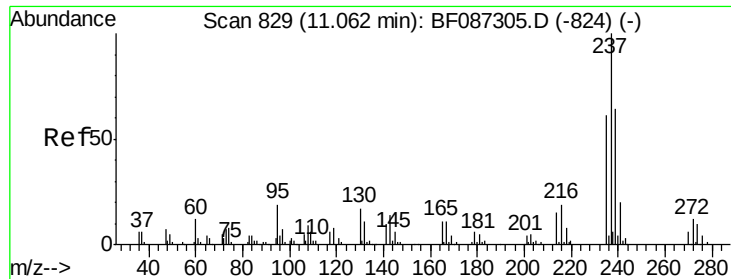
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.66 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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

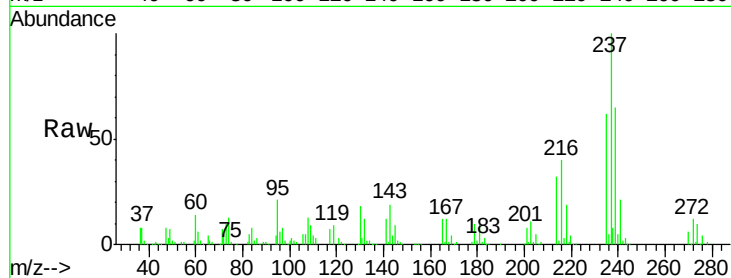




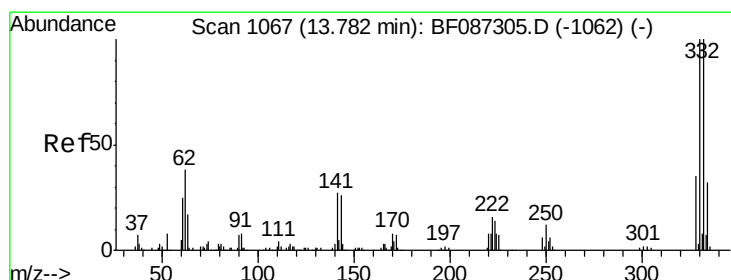
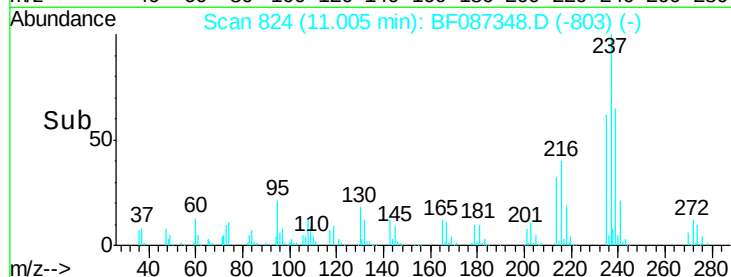
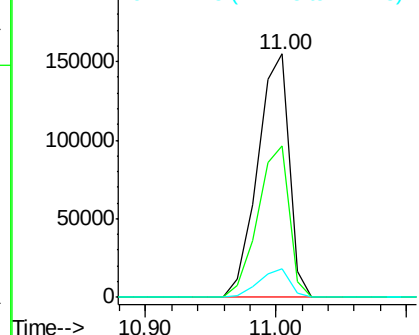
#40
Hexachlorocyclopentadiene
Concen: 89.66 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
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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

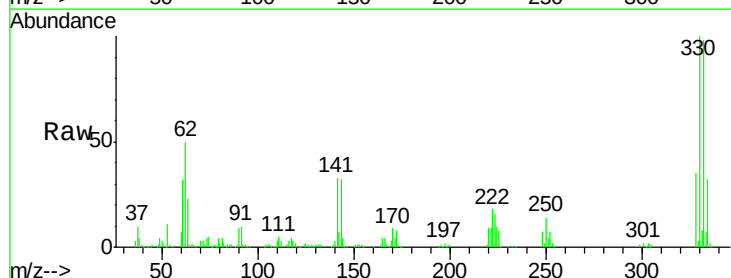


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

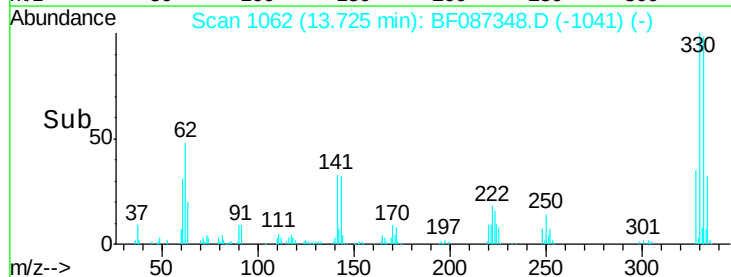
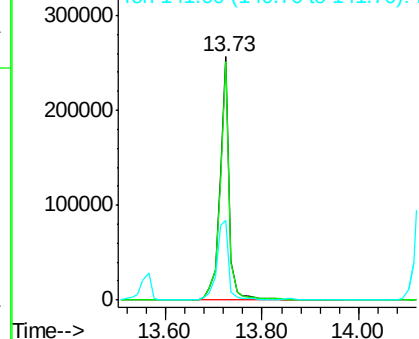


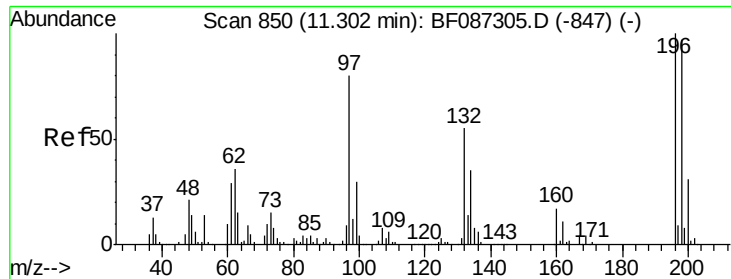
#41
2,4,6-Tribromophenol
Concen: 167.55 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:330 Resp: 351605
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.4
141 42.1 31.2 46.8



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

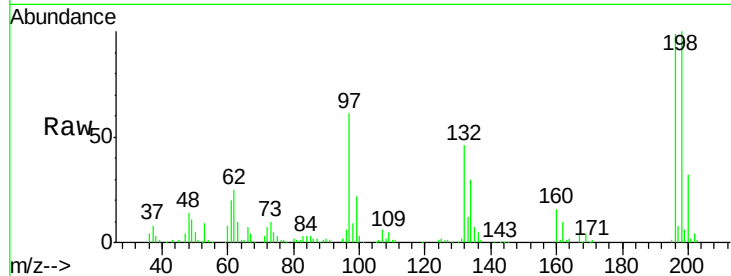




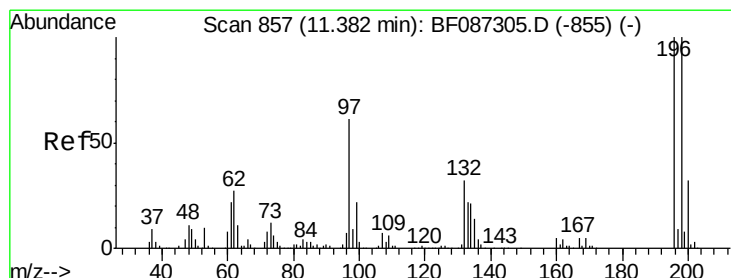
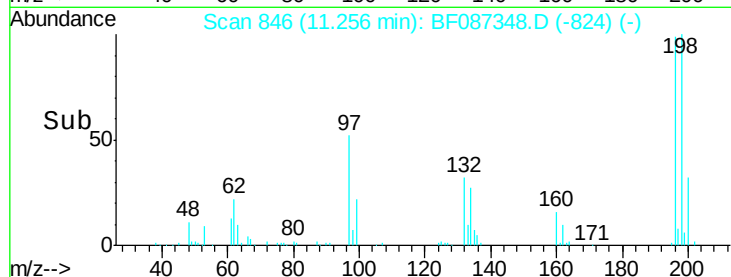
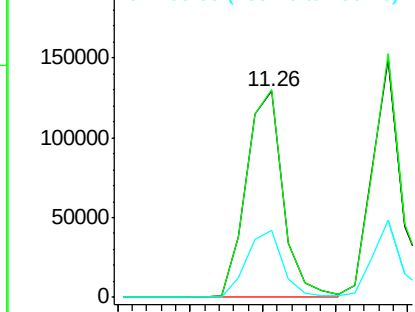
#42
 2,4,6-Trichlorophenol
 Concen: 56.46 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tgt Ion:196 Resp: 227806
 Ion Ratio Lower Upper
 196 100
 198 100.6 74.7 112.1
 200 32.3 23.8 35.6



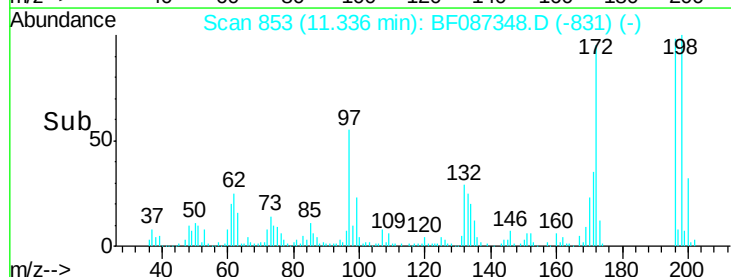
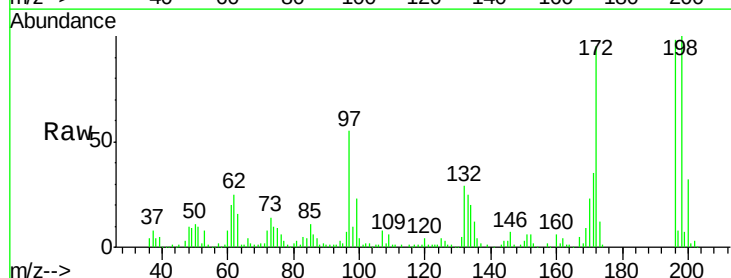
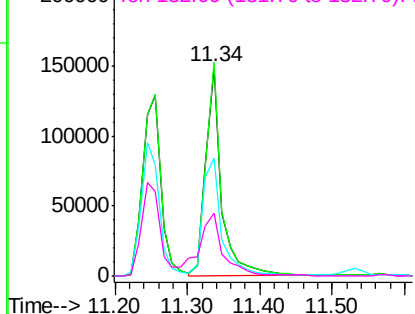
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

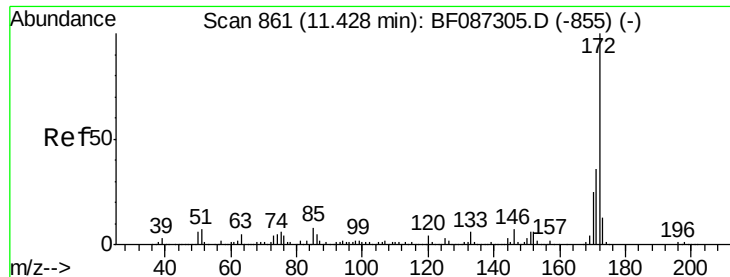


#43
 2,4,5-Trichlorophenol
 Concen: 55.07 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt 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

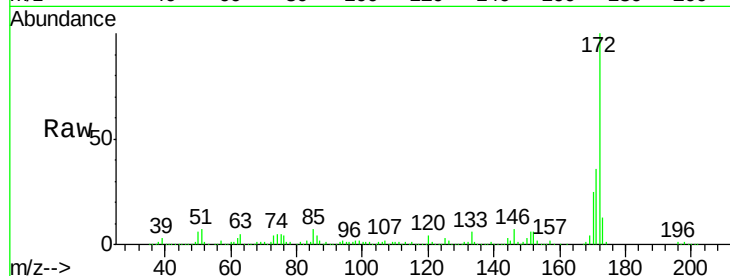




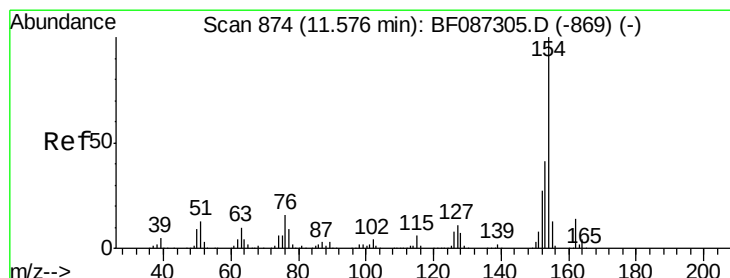
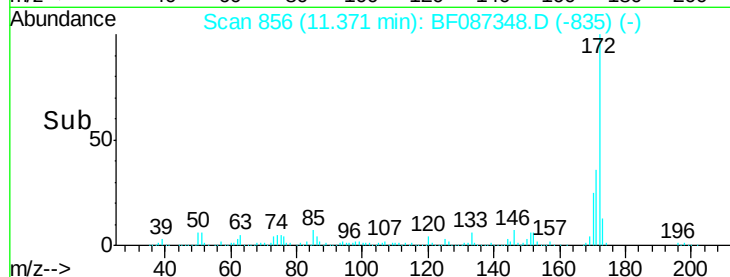
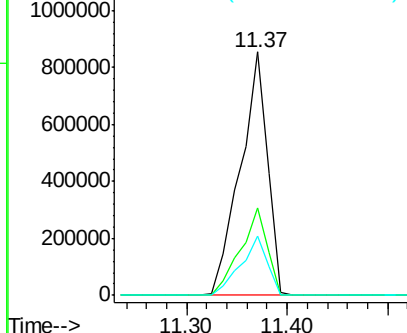
#44
2-Fluorobiphenyl
Concen: 103.62 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

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

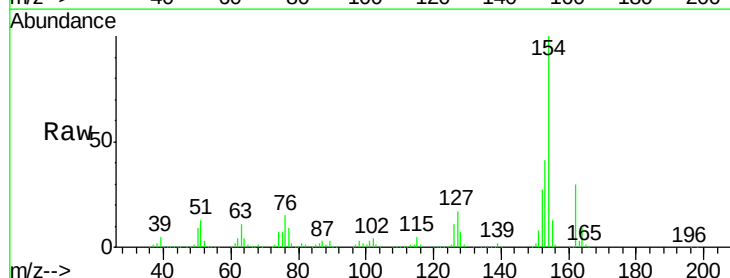


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

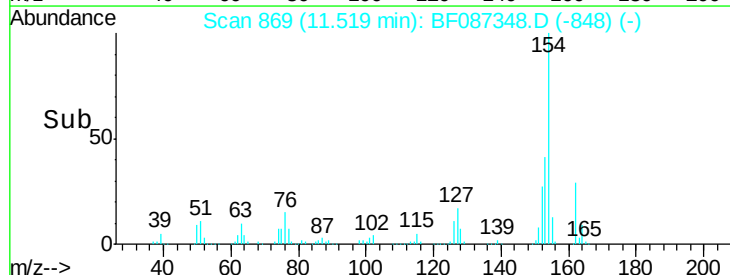
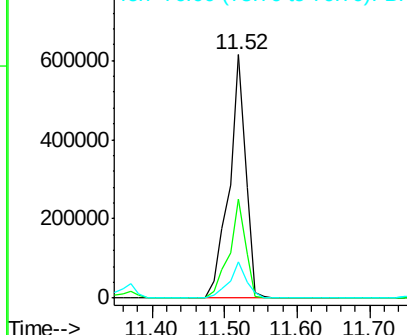


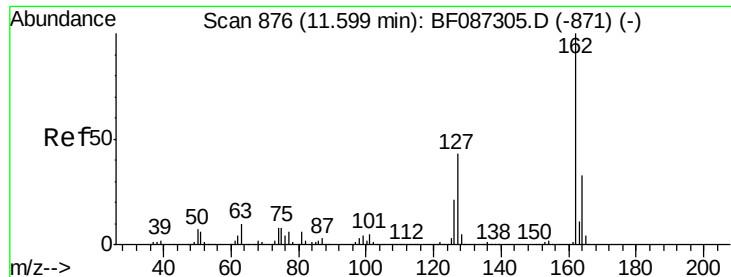
#45
1,1'-Biphenyl
Concen: 52.88 ng
RT: 11.52 min Scan# 869
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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

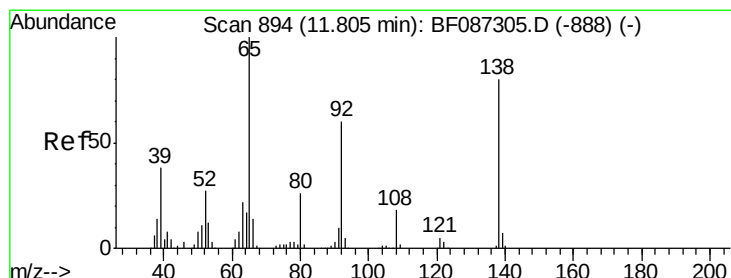
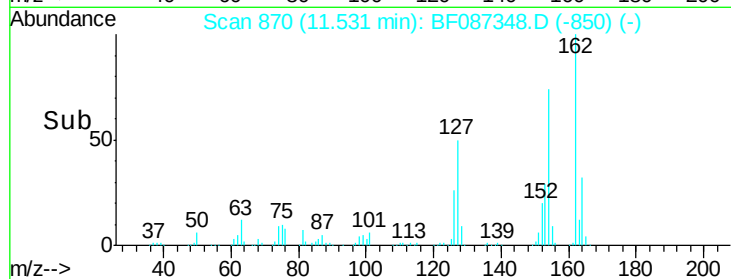
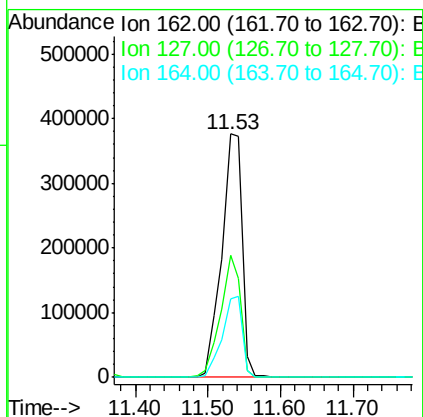
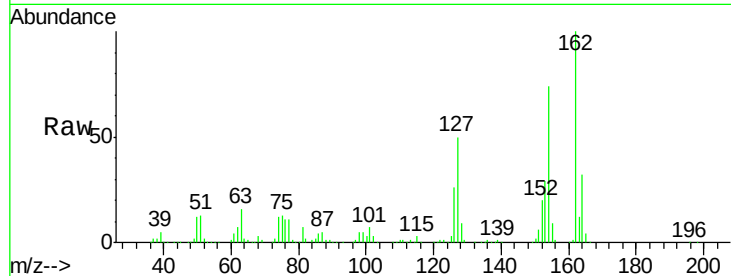




#46
 2-Chloronaphthalene
 Concen: 52.39 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.07 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

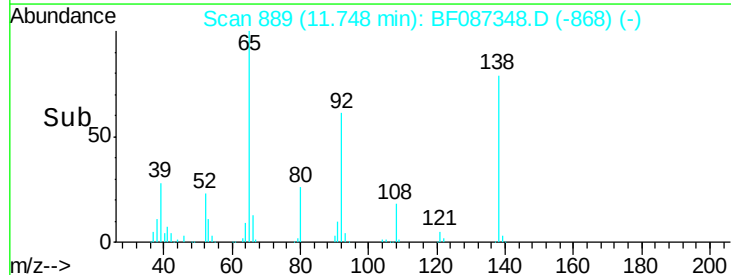
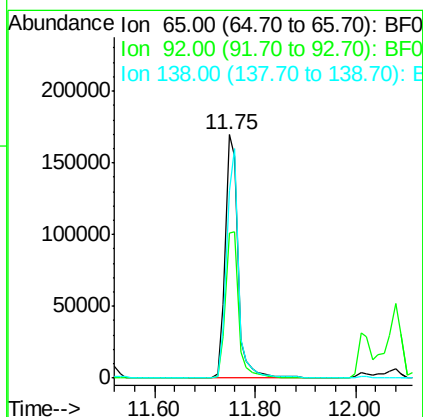
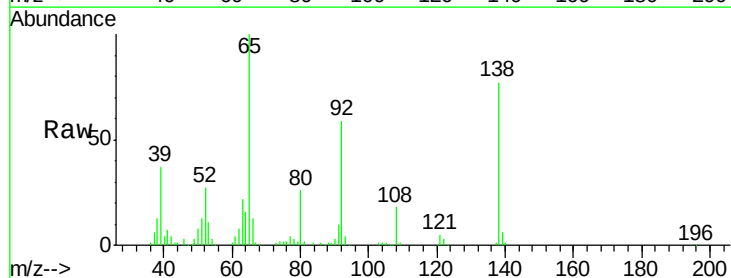
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

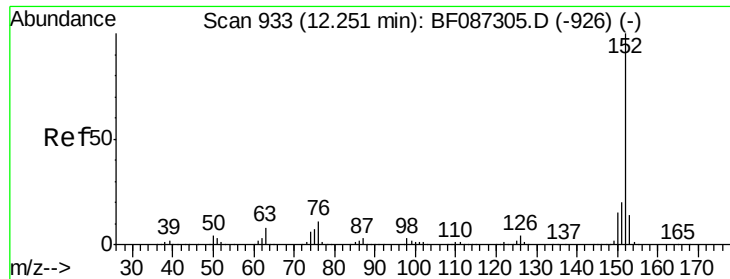
Tgt Ion	Ratio	Lower	Upper
162	100		
127	50.1	31.8	47.6#
164	32.3	27.0	40.6



#47
 2-Nitroaniline
 Concen: 59.84 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt 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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

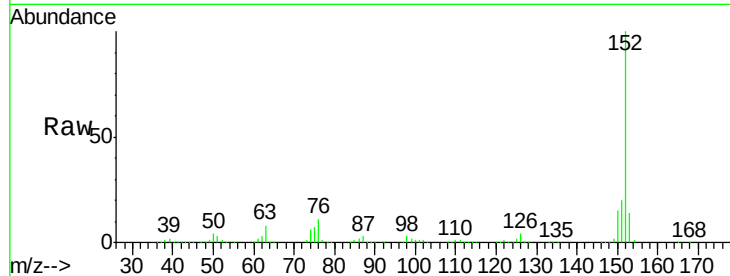
Tgt Ion:152 Resp: 1192263

Ion Ratio Lower Upper

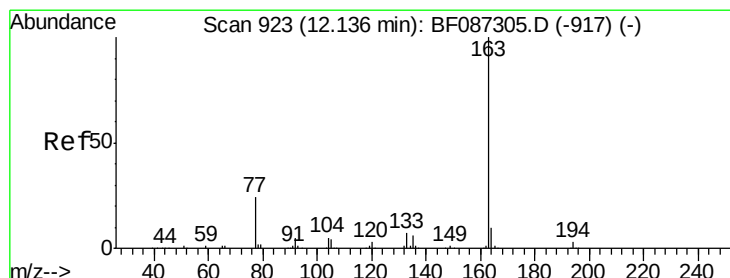
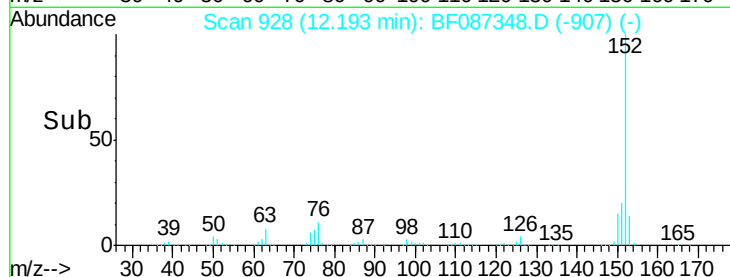
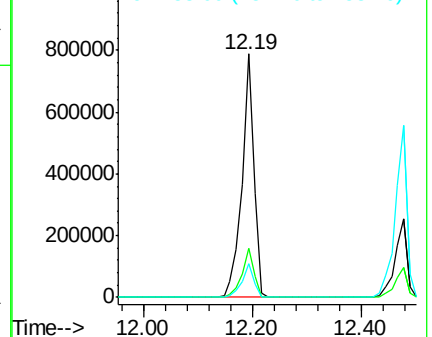
152 100

151 20.2 16.8 25.2

153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 54.49 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

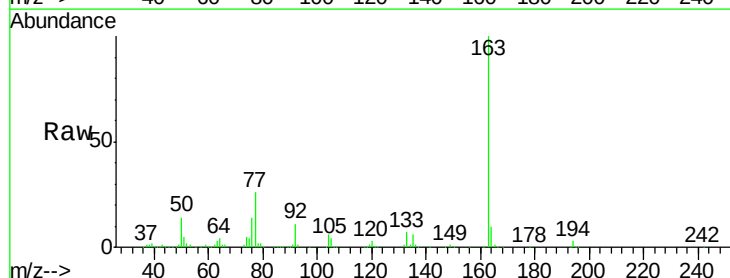
Tgt Ion:163 Resp: 953153

Ion Ratio Lower Upper

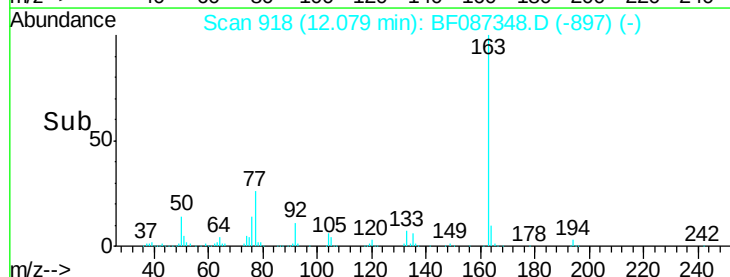
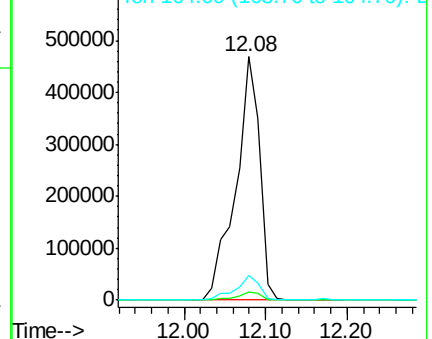
163 100

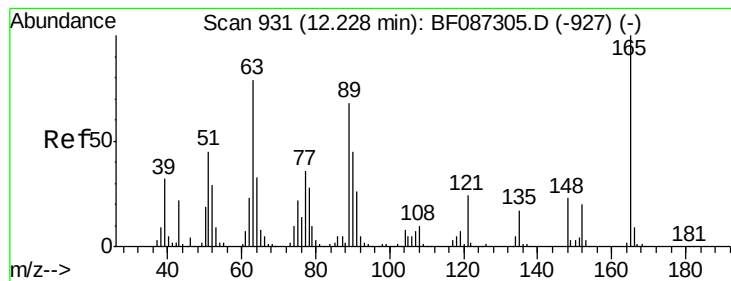
194 3.1 2.6 4.0

164 10.2 8.2 12.4



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





#50

2,6-Dinitrotoluene

Concen: 56.67 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

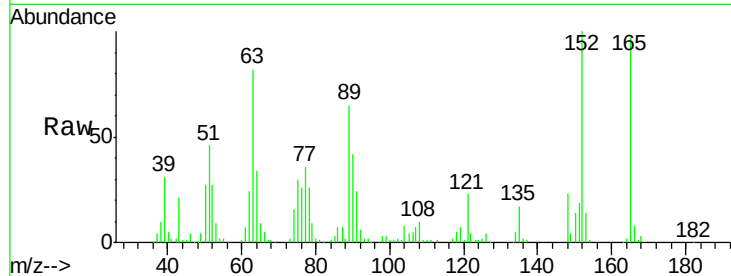
Tgt Ion:165 Resp: 199740

Ion Ratio Lower Upper

165 100

63 84.4 51.8 77.8#

89 67.4 50.7 76.1

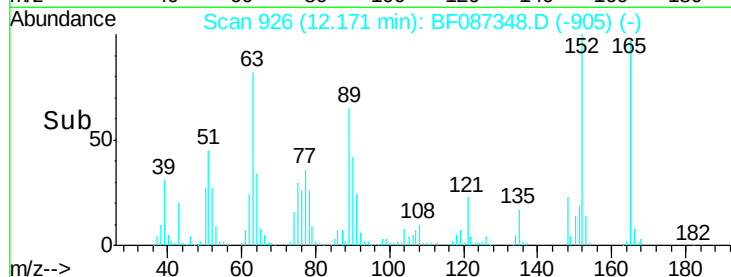


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->

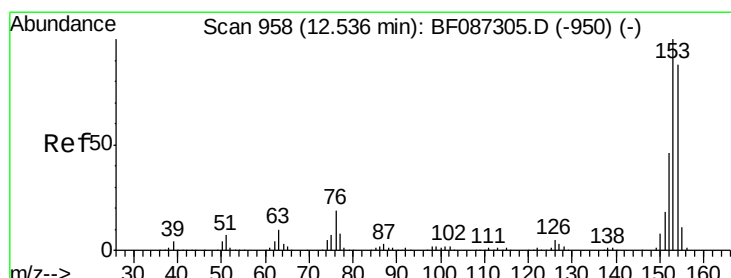


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



#51

Acenaphthene

Concen: 54.19 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

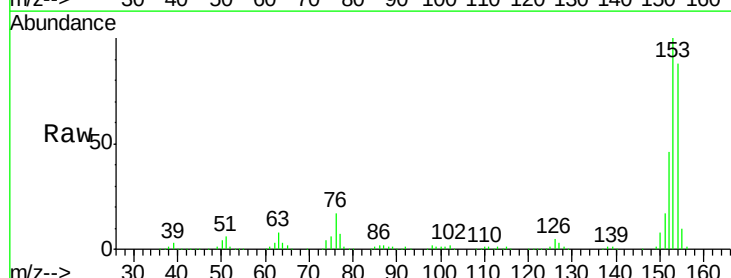
Tgt Ion:154 Resp: 741723

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

152 52.3 43.4 65.0

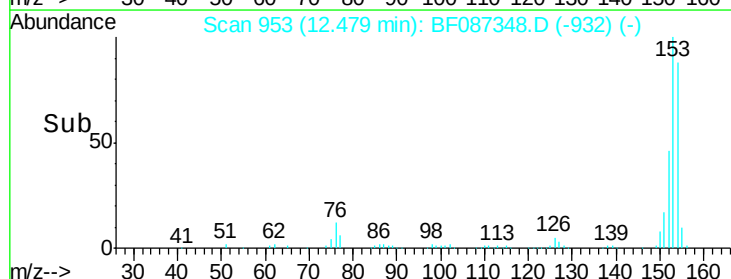


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

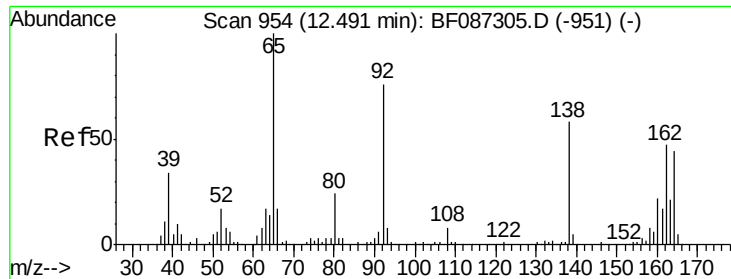


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#52

3-Nitroaniline

Concen: 29.62 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

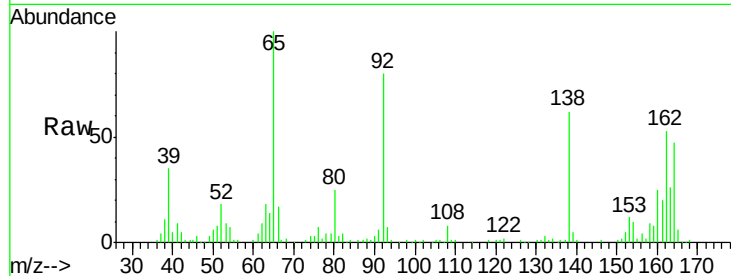
Tgt Ion:138 Resp: 107156

Ion Ratio Lower Upper

138 100

108 12.8 7.8 11.6#

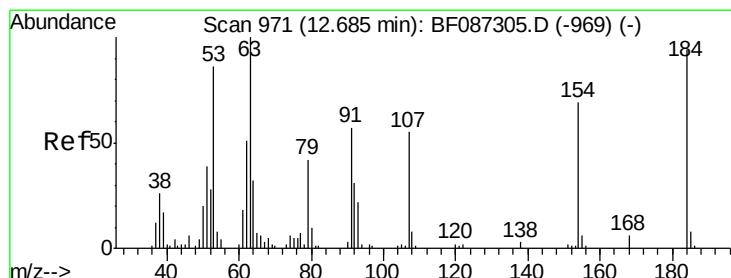
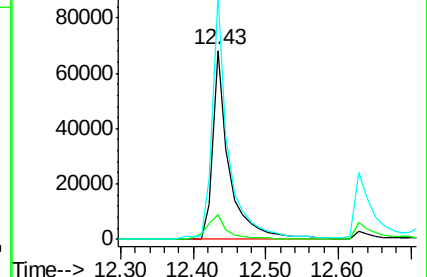
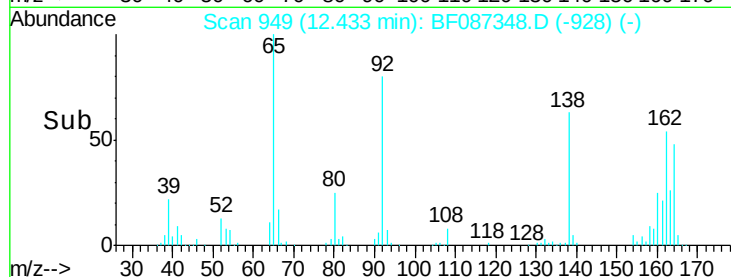
92 128.9 87.8 131.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 86.45 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

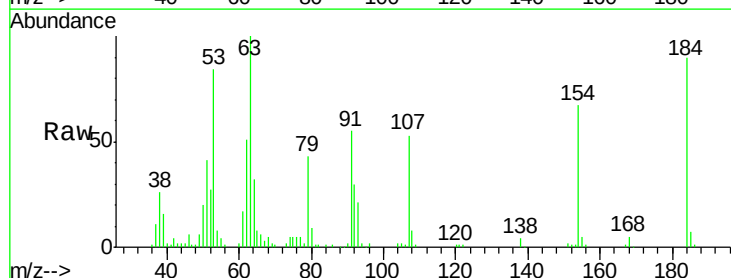
Tgt Ion:184 Resp: 156991

Ion Ratio Lower Upper

184 100

63 110.9 55.8 83.8#

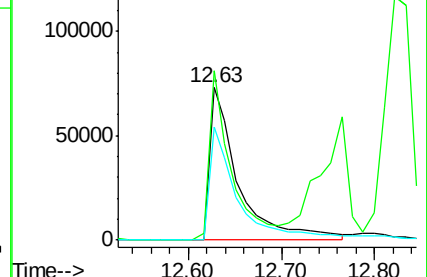
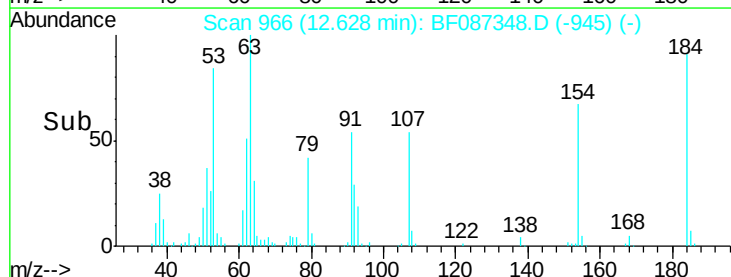
154 74.1 62.4 93.6

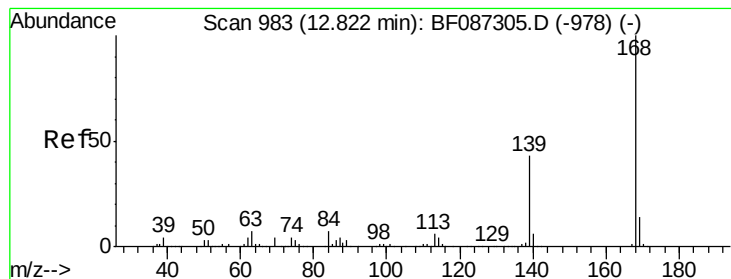


Abundance Ion 184.00 (183.70 to 184.70): E

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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

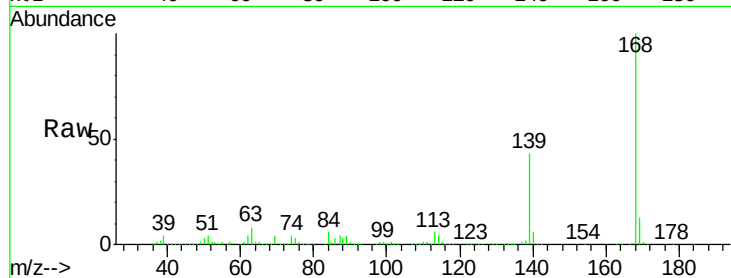
Tgt Ion:168 Resp: 1078040

Ion Ratio Lower Upper

168 100

139 42.9 31.4 47.0

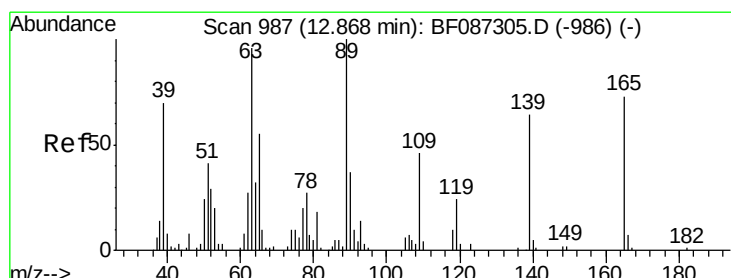
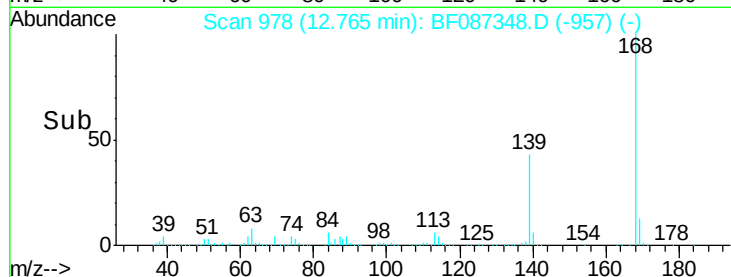
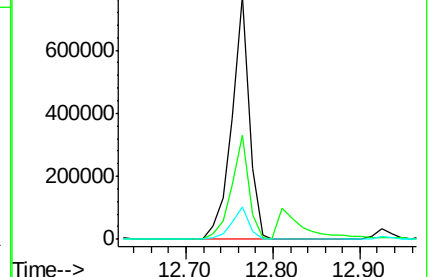
169 13.4 10.7 16.1



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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

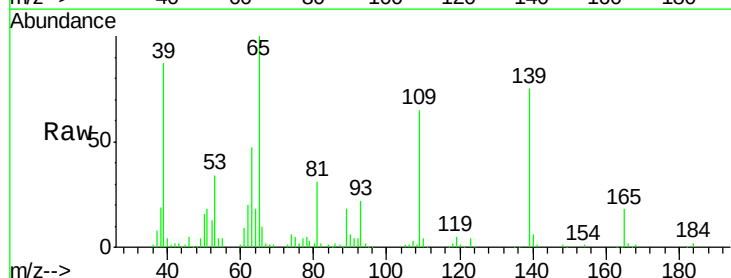
Tgt Ion:139 Resp: 211368

Ion Ratio Lower Upper

139 100

109 87.0 36.9 76.9#

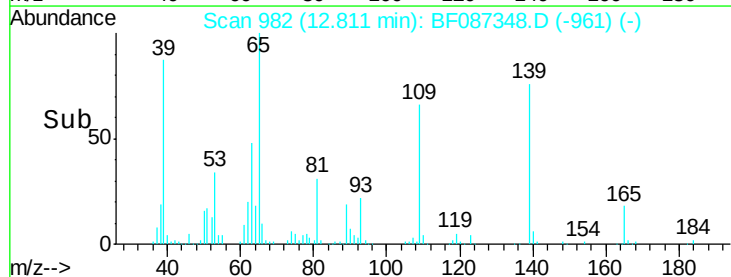
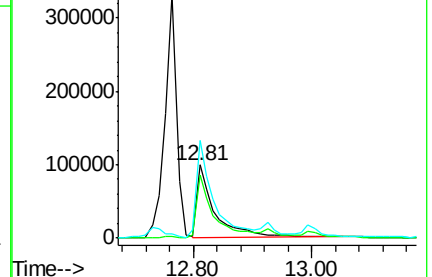
65 133.5 64.0 104.0#

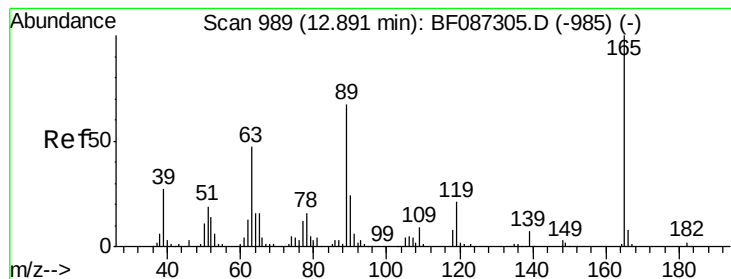


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 59.30 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

Tgt Ion:165 Resp: 279364

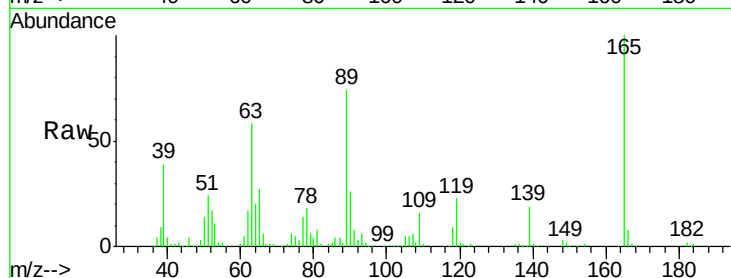
Ion Ratio Lower Upper

165 100

63 57.8 44.3 66.5

89 74.4 70.0 105.0

182 2.3 1.8 2.6



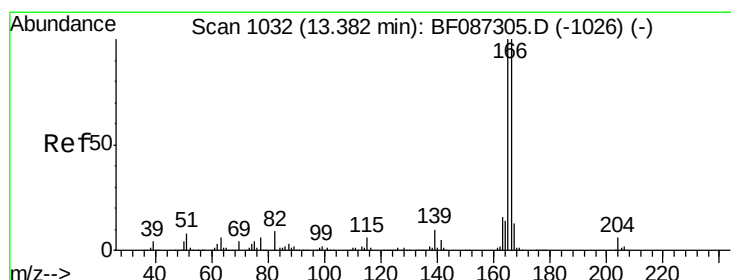
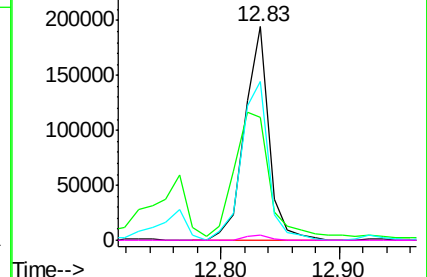
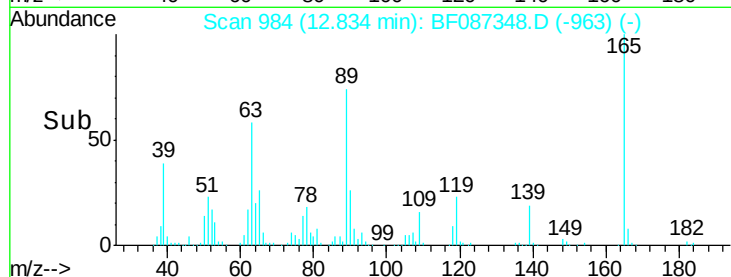
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 55.67 ng

RT: 13.31 min Scan# 1026

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

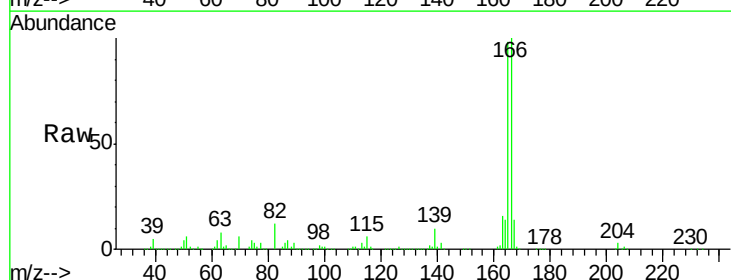
Tgt Ion:166 Resp: 894657

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.6

167 13.6 10.6 15.8

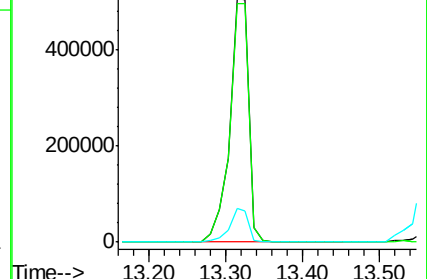
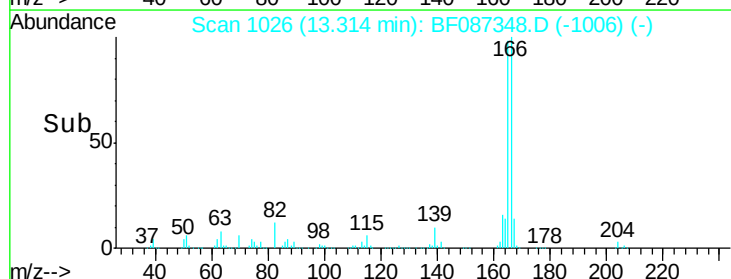


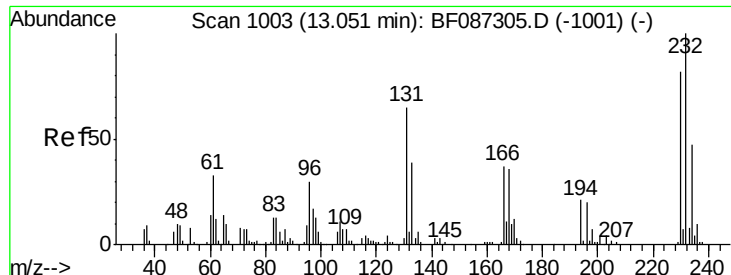
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

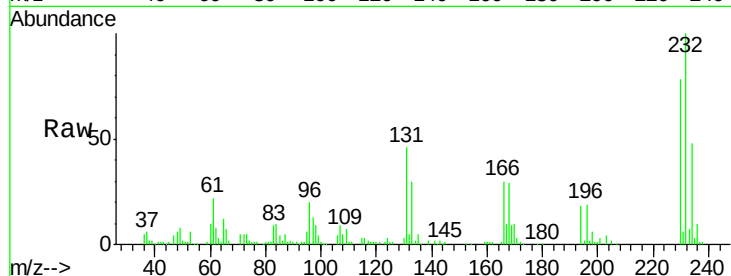




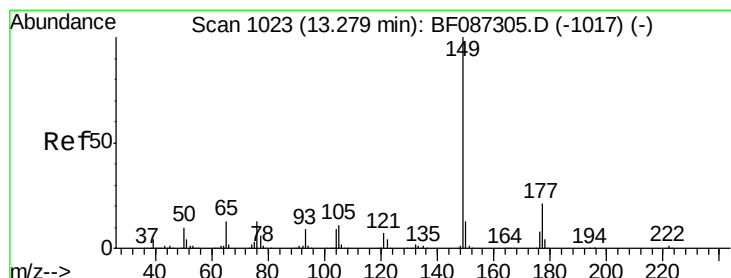
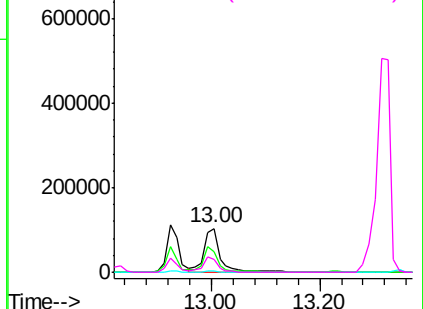
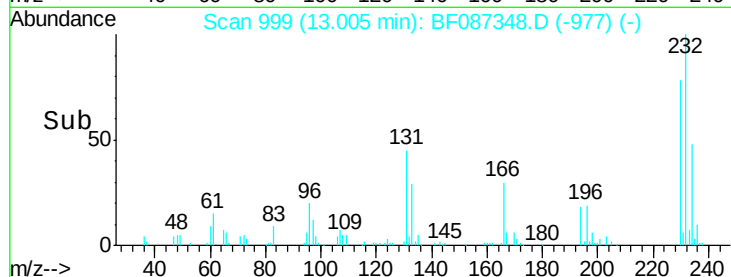
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.76 ng
 RT: 13.00 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

Tgt Ion:	232	Resp:	211012
Ion	Ratio	Lower	Upper
232	100		
131	54.0	41.9	62.9
130	2.9	2.2	3.4
166	32.3	26.8	40.2

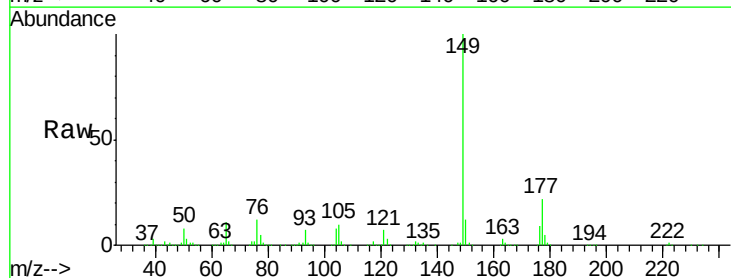


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

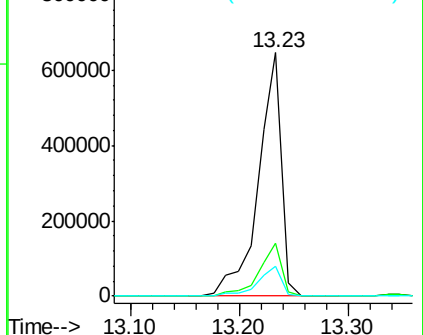
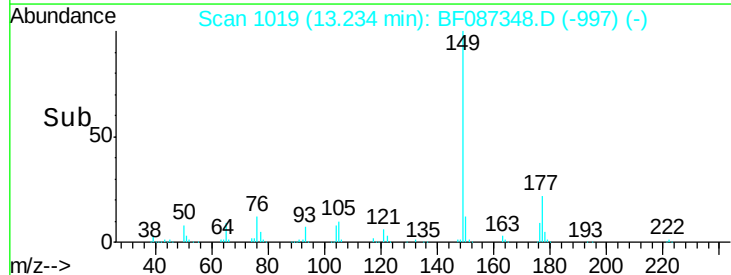


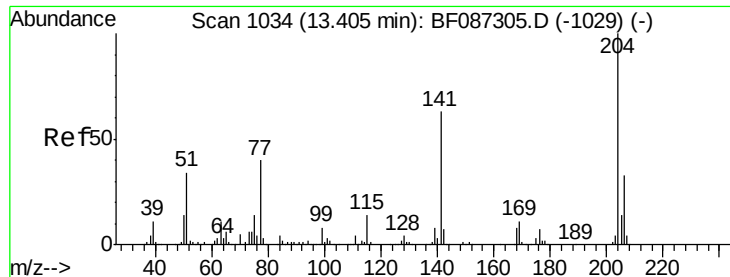
#59
 Diethylphthalate
 Concen: 56.16 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

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



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

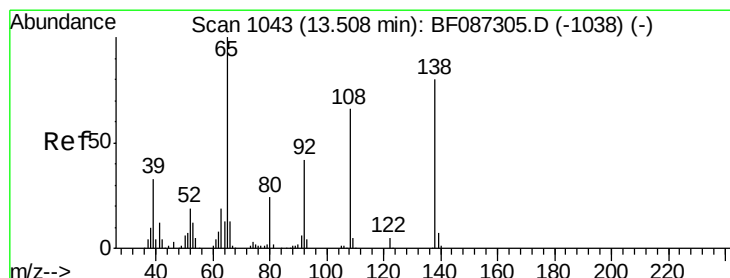
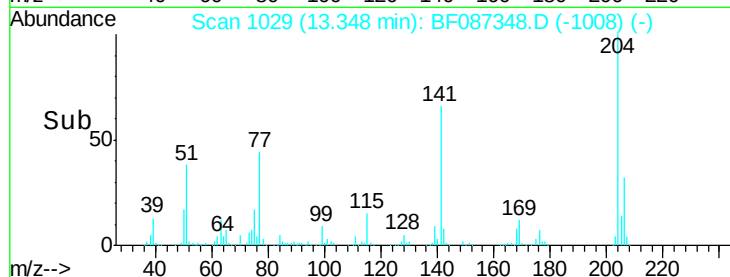
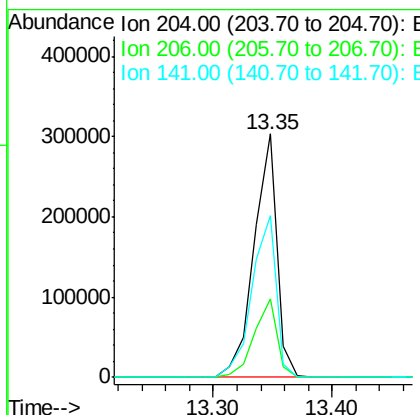
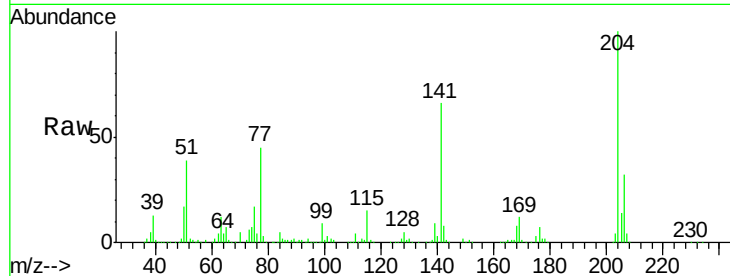




#60
4-Chlorophenyl-phenylether
Concen: 52.52 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

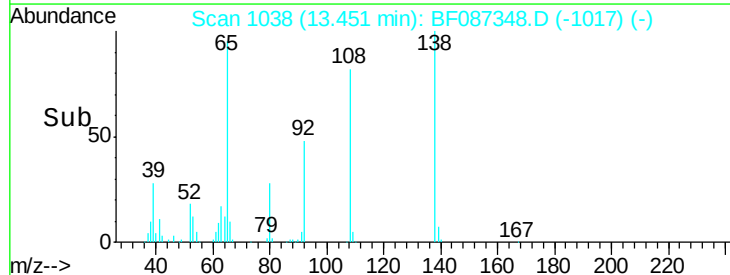
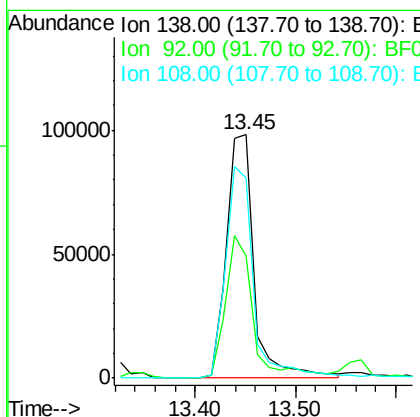
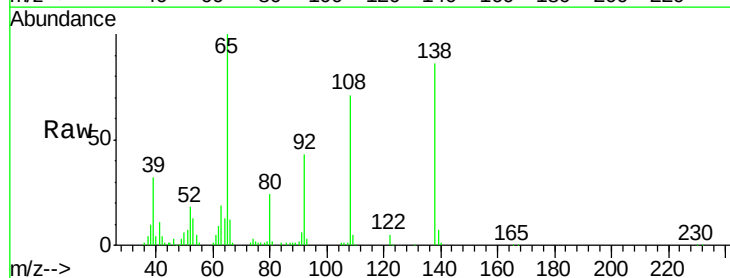
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

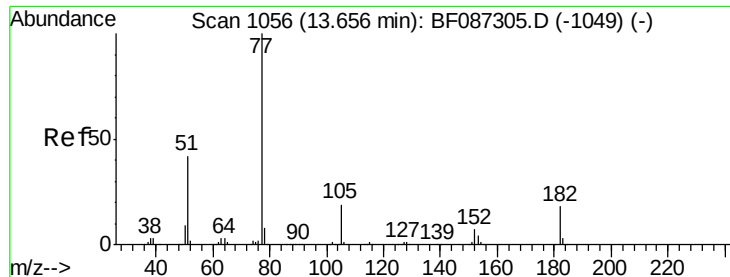
Tgt Ion:204 Resp: 411558
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 66.3 61.6 92.4



#61
4-Nitroaniline
Concen: 55.74 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:138 Resp: 188187
Ion Ratio Lower Upper
138 100
92 50.0 24.7 64.7
108 82.4 37.4 77.4#





#62

Azobenzene

Concen: 62.44 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

Tgt Ion: 77 Resp: 1101767

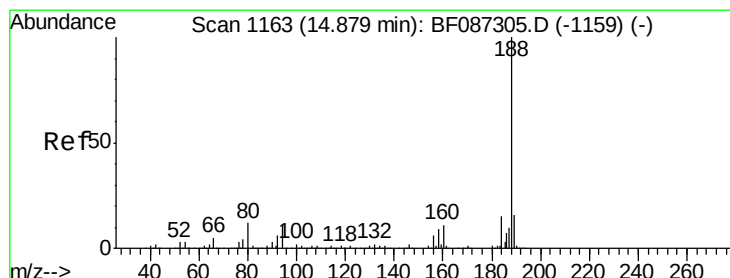
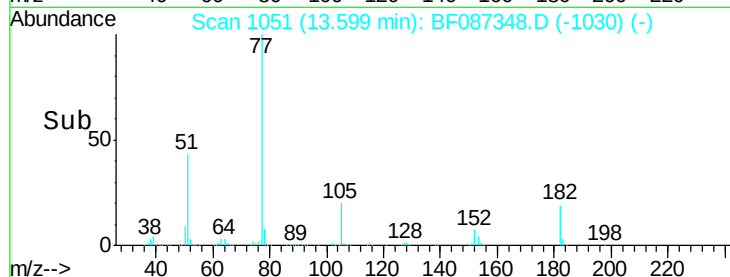
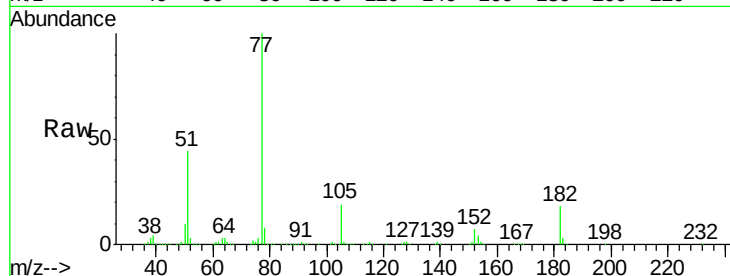
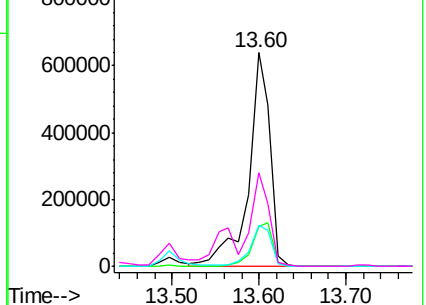
Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	38.8
105	19.4	3.2	43.2
51	43.6	8.8	48.8

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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

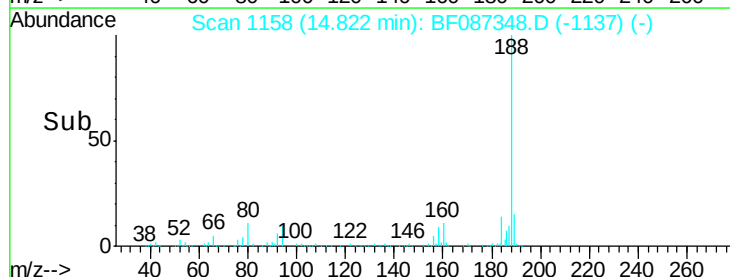
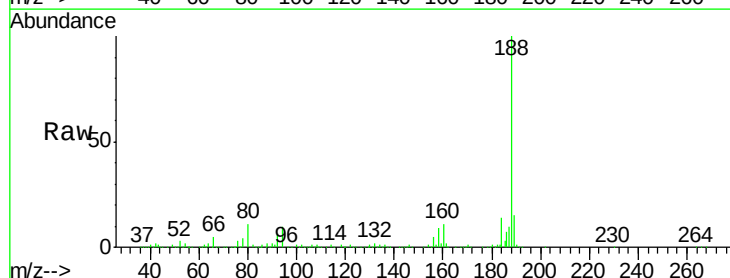
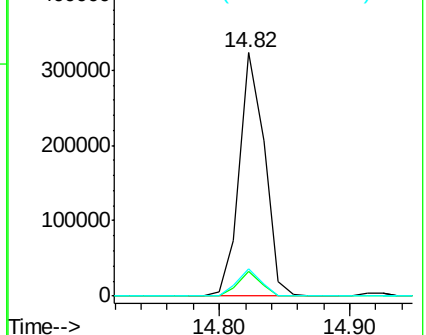
Tgt Ion: 188 Resp: 432768

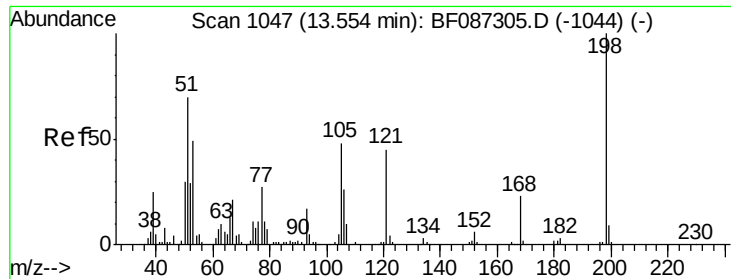
Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.8	10.2#
80	11.3	7.1	10.7#

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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

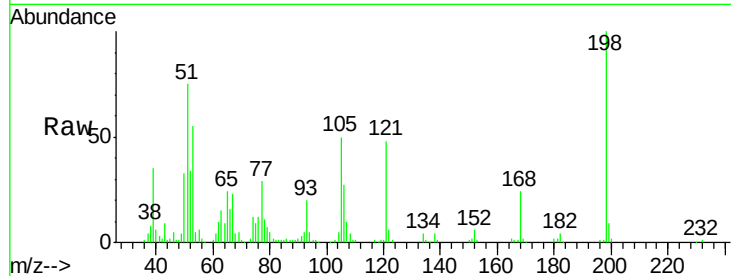
Tgt Ion:198 Resp: 129383

Ion Ratio Lower Upper

198 100

51 75.4 20.5 60.5#

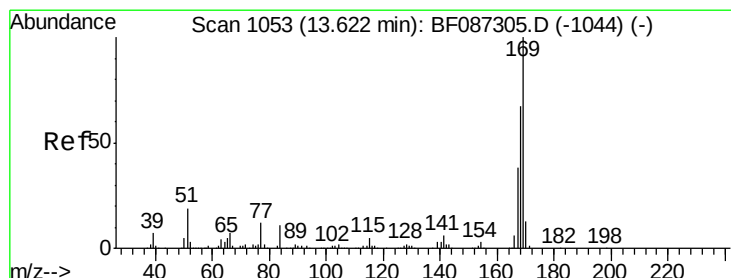
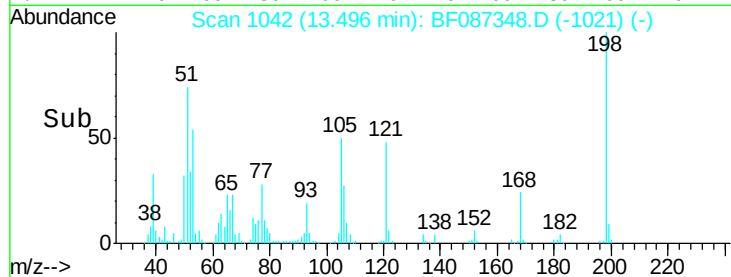
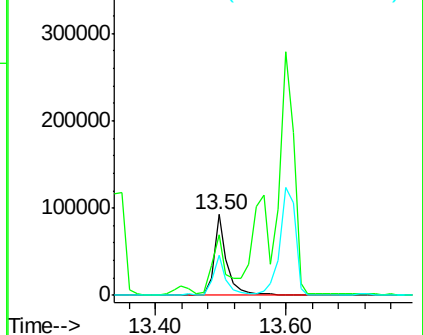
105 50.3 24.5 64.5



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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

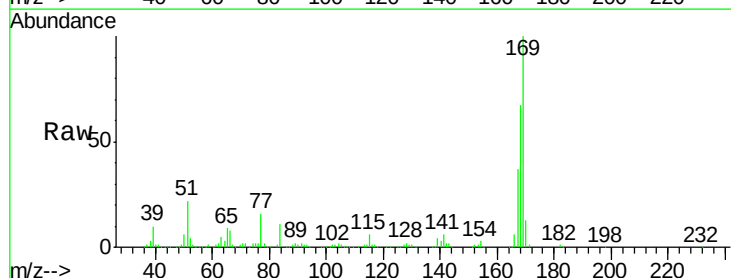
Tgt Ion:169 Resp: 753110

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

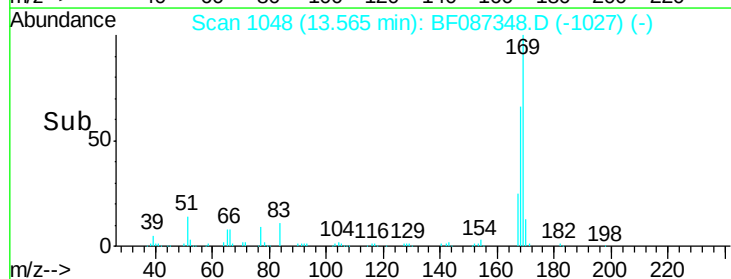
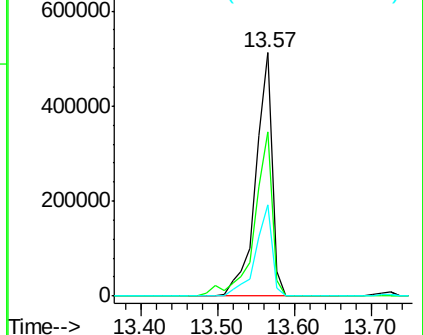
167 37.2 29.5 44.3

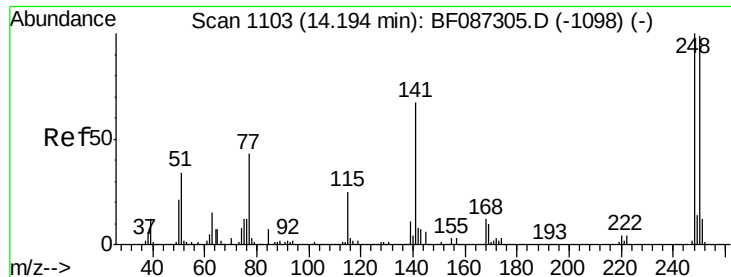


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

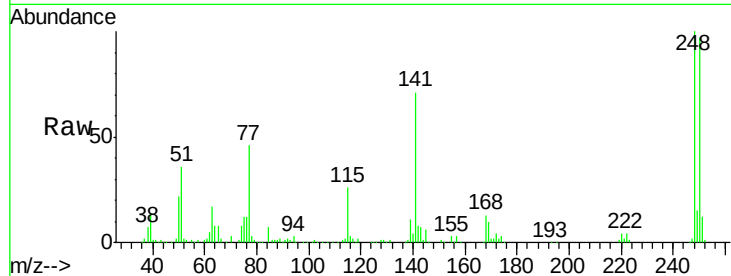




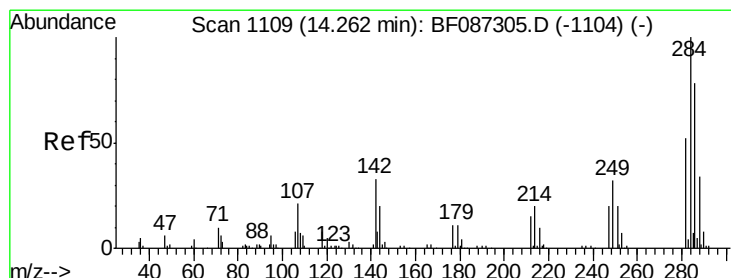
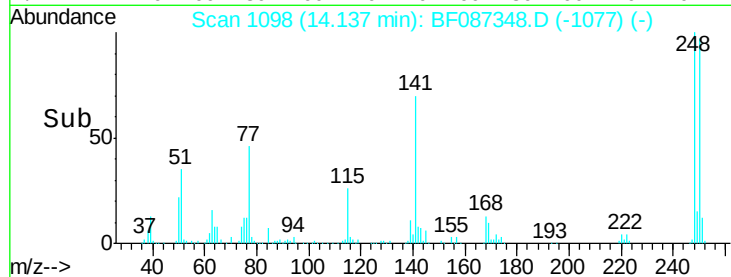
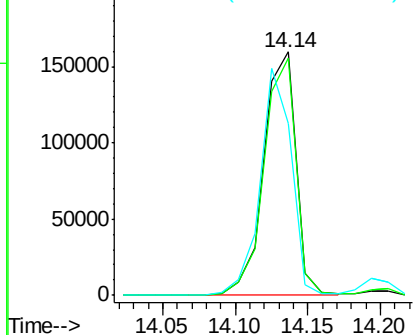
#66
 4-Bromophenyl-phenylether
 Concen: 51.88 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

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#

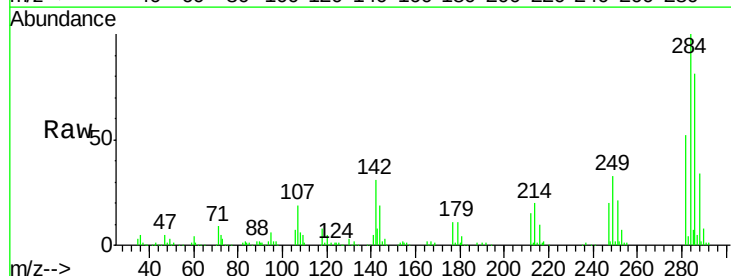


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

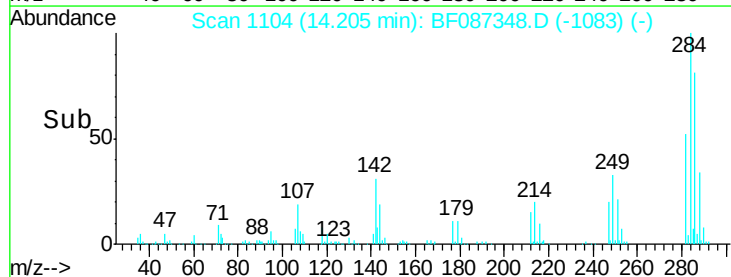
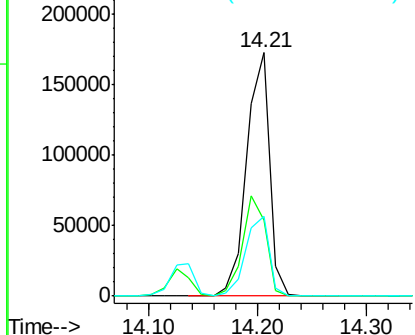


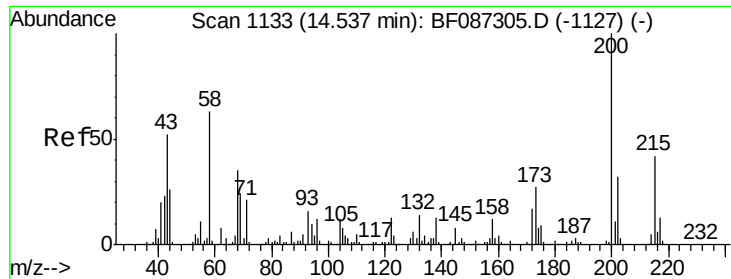
#67
 Hexachlorobenzene
 Concen: 51.15 ng
 RT: 14.21 min Scan# 1104
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt 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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

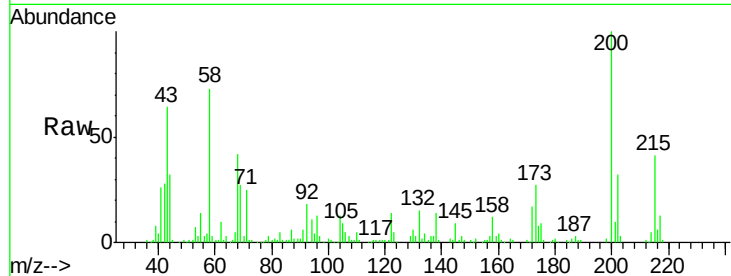
Tgt Ion:200 Resp: 241511

Ion Ratio Lower Upper

200 100

173 27.2 8.5 48.5

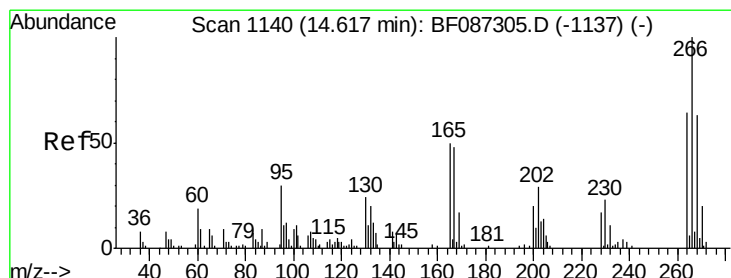
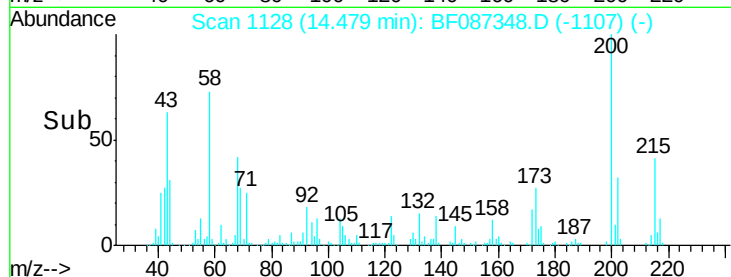
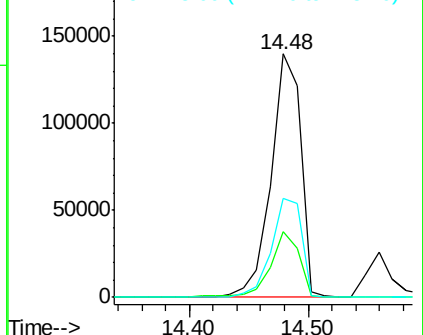
215 40.5 27.2 67.2



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. -0.06 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

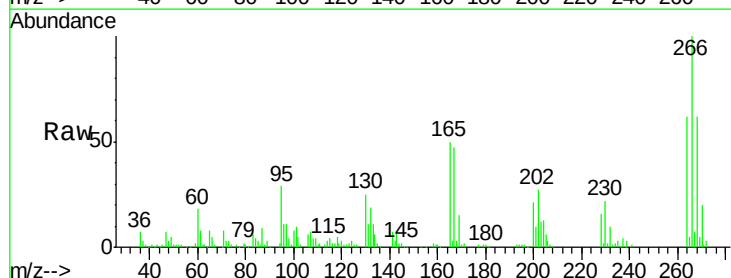
Tgt Ion:266 Resp: 210372

Ion Ratio Lower Upper

266 100

268 61.8 51.5 77.3

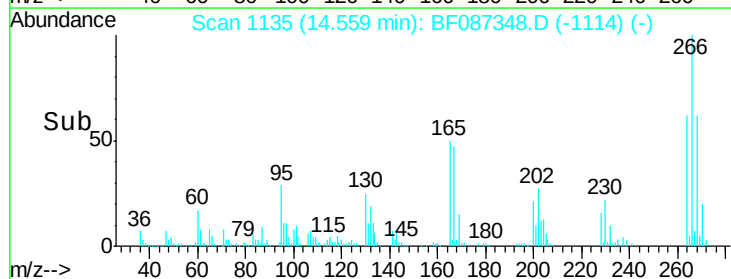
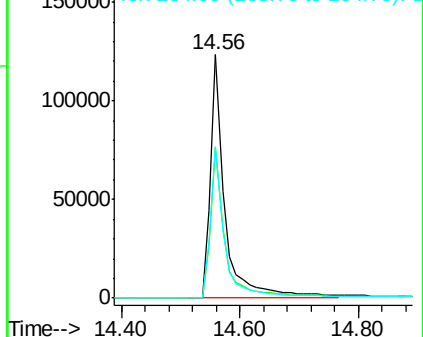
264 62.3 52.9 79.3

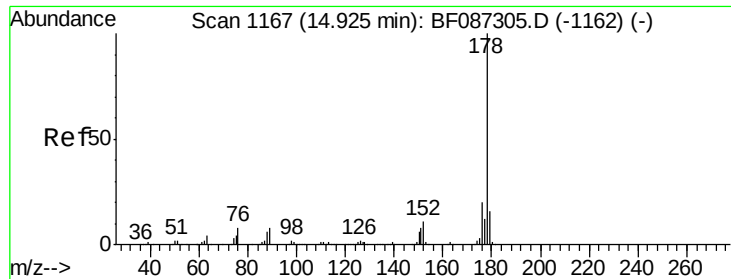


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

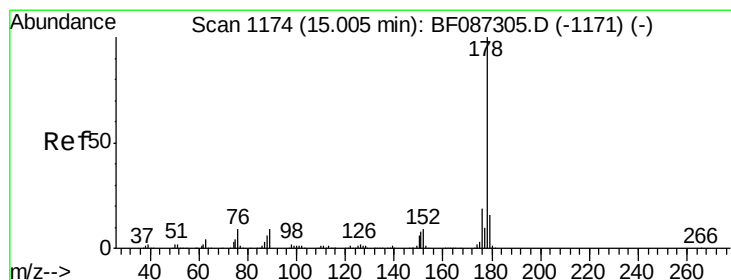
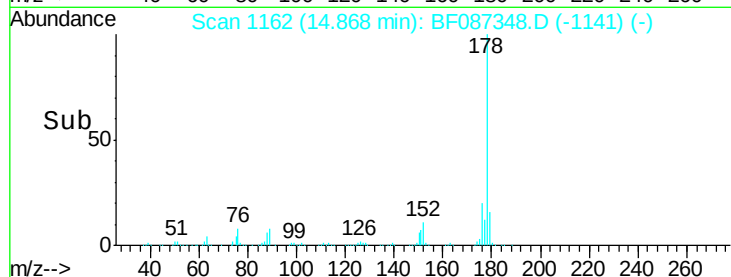
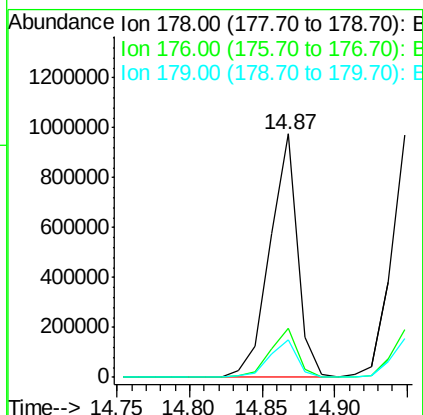
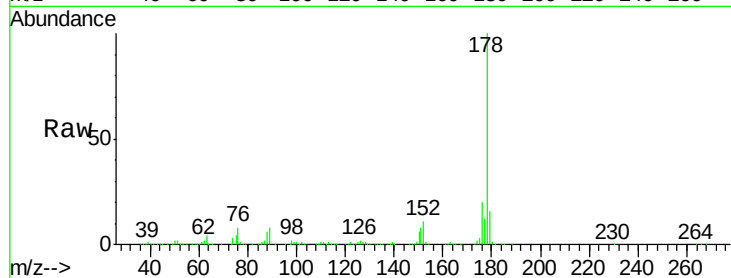




#70
Phenanthrene
Concen: 53.91 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

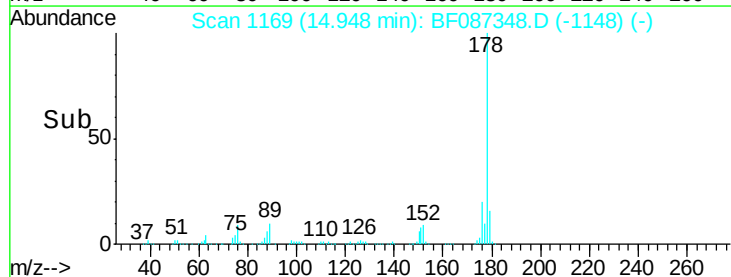
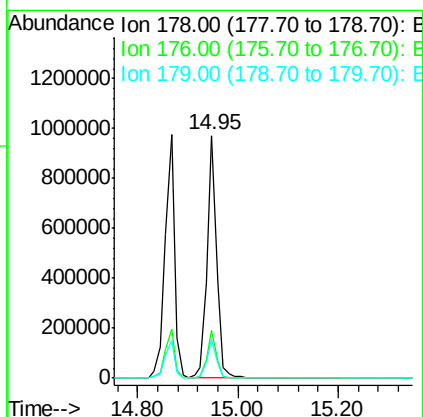
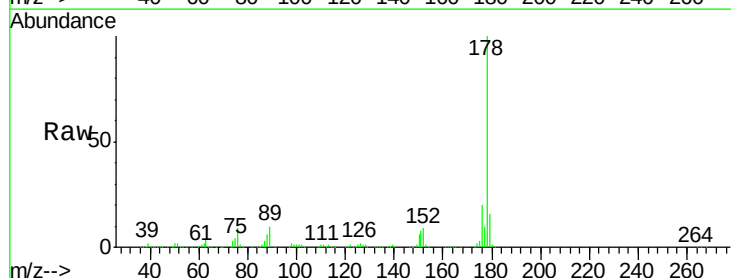
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

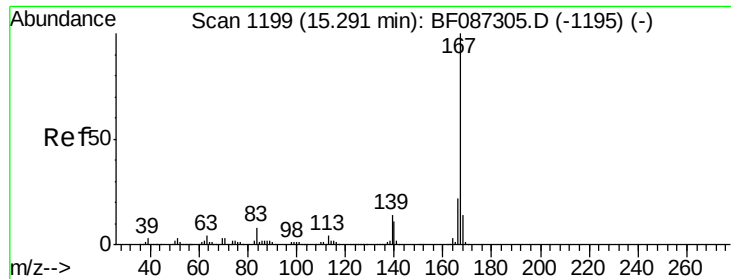
Tgt Ion:178 Resp: 1292295
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.6 12.6 18.8



#71
Anthracene
Concen: 52.95 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:178 Resp: 1282170
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.8 12.7 19.1

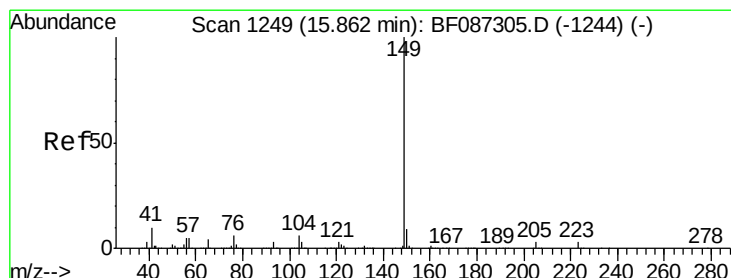
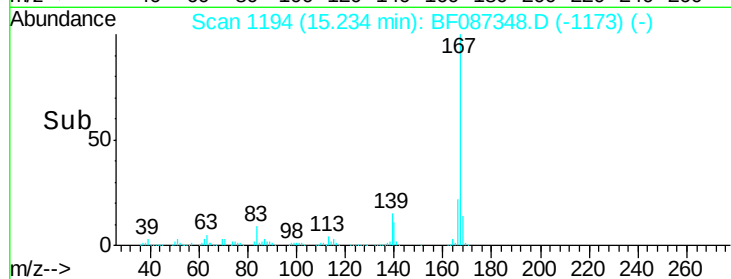
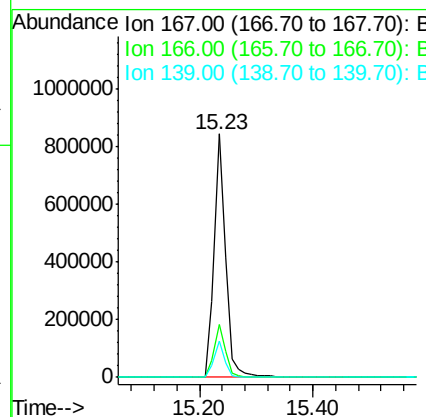
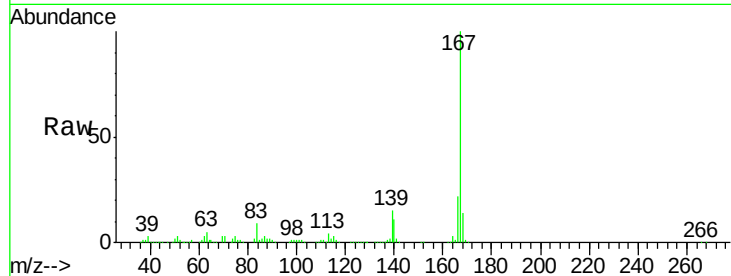




#72
 Carbazole
 Concen: 55.73 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

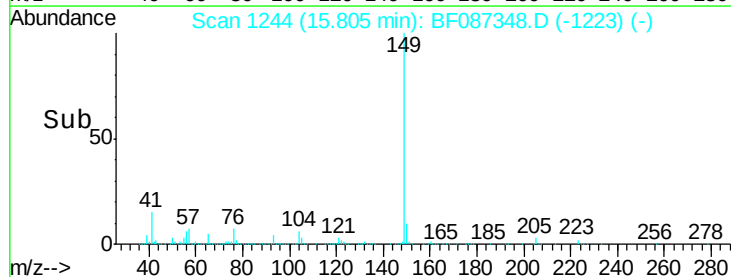
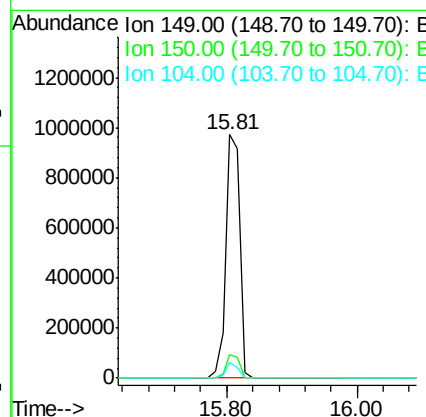
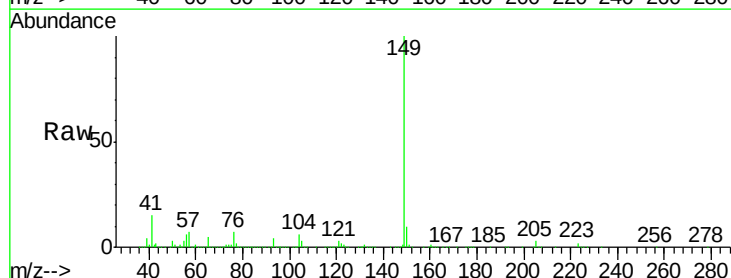
Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

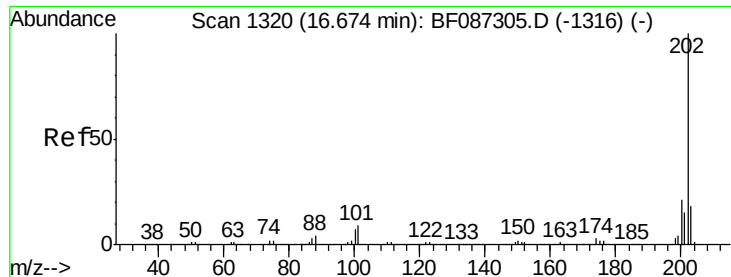
Tgt Ion:167 Resp: 1151021
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.7 10.8 16.2



#73
 Di-n-butylphthalate
 Concen: 54.81 ng
 RT: 15.81 min Scan# 1244
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt Ion:149 Resp: 1463925
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 6.2 3.8 5.6#

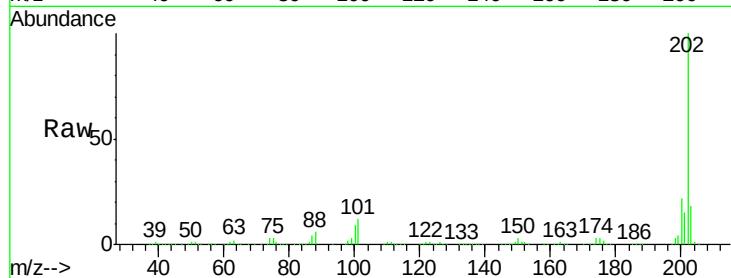




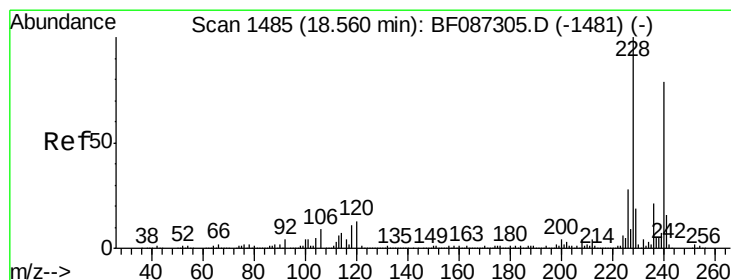
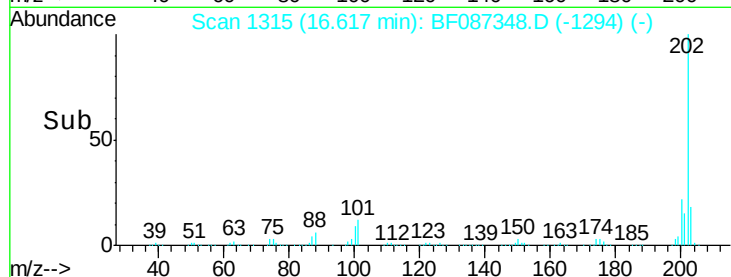
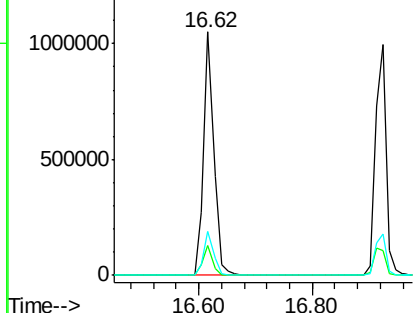
#74
 Fluoranthene
 Concen: 52.45 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.06 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMS

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

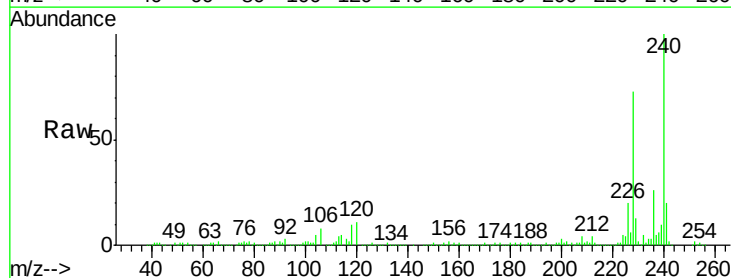


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

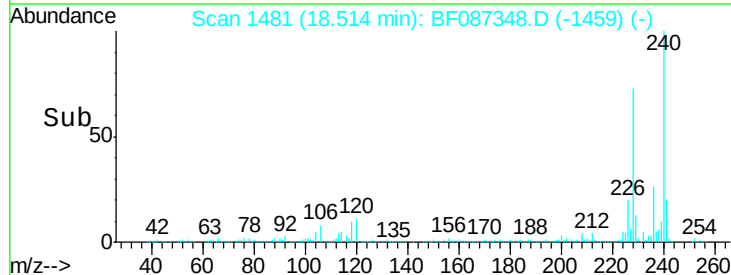
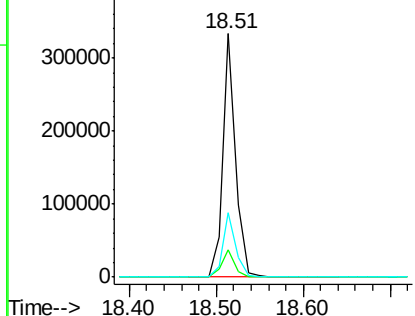


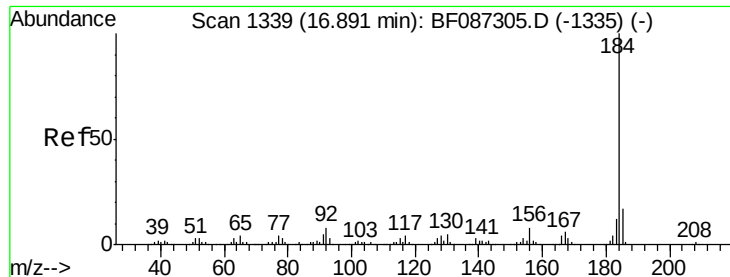
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.51 min Scan# 1481
 Delta R.T. -0.05 min
 Lab File: BF087348.D
 Acq: 24 May 2016 20:53

Tgt 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

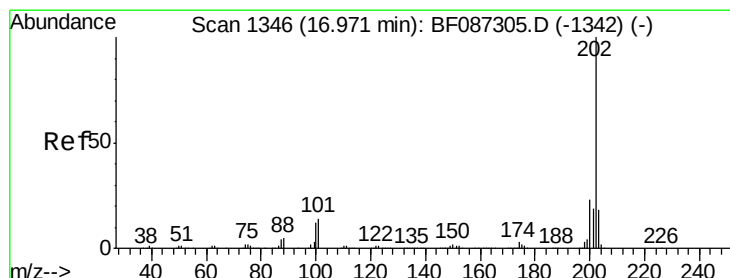
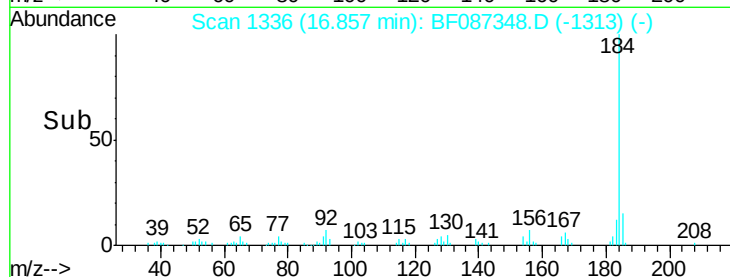
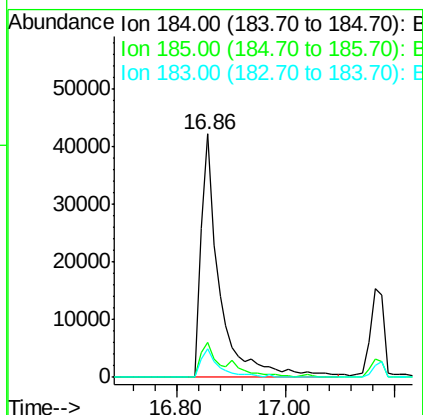
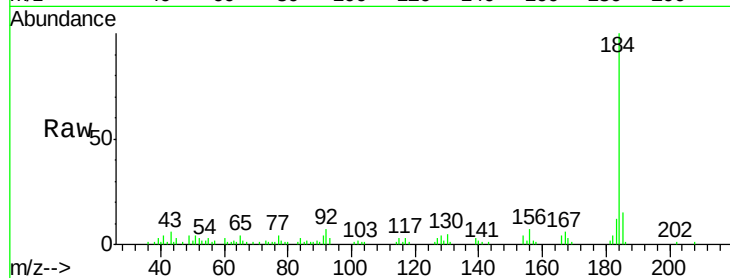




#76
Benzidine
Concen: 11.21 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

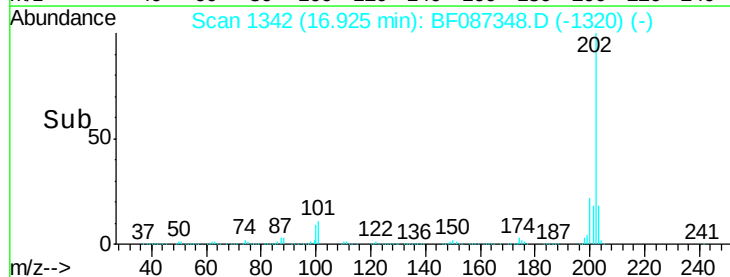
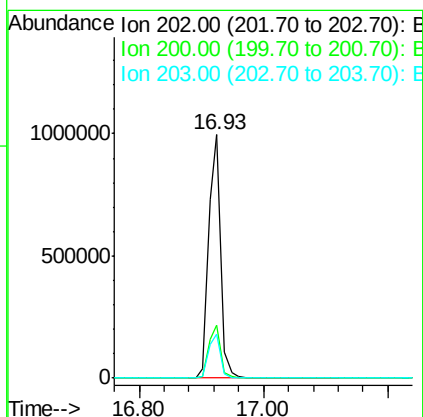
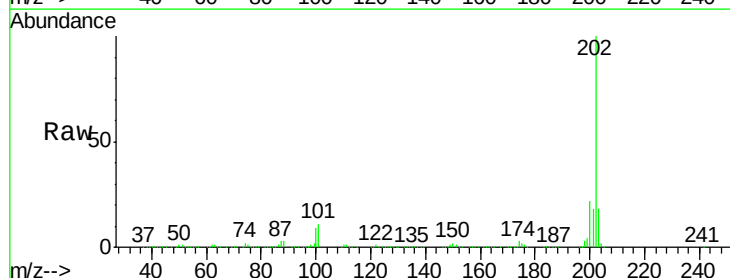
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

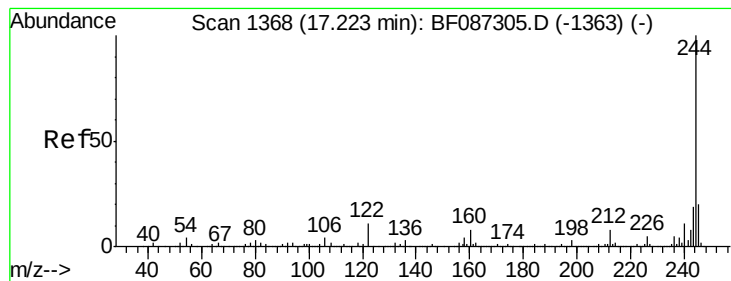
Tgt Ion:184 Resp: 99105
Ion Ratio Lower Upper
184 100
185 14.6 13.6 20.4
183 11.9 9.8 14.6



#77
Pyrene
Concen: 53.27 ng
RT: 16.93 min Scan# 1342
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

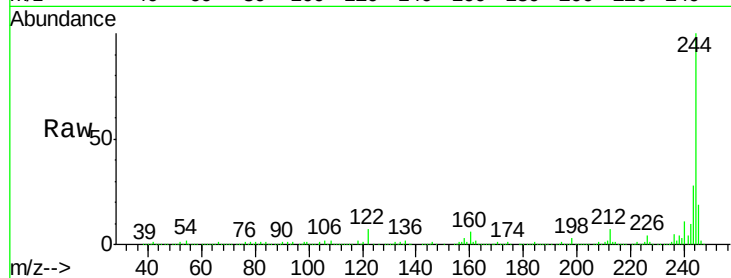
Tgt Ion:244 Resp: 1585083

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

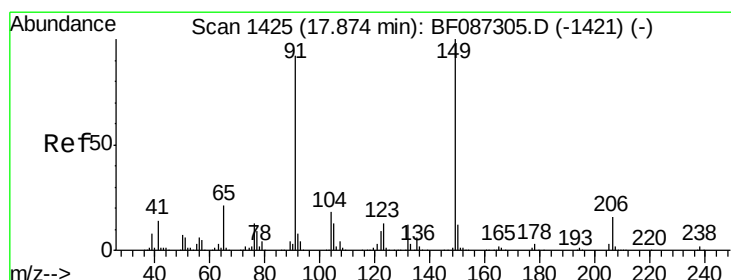
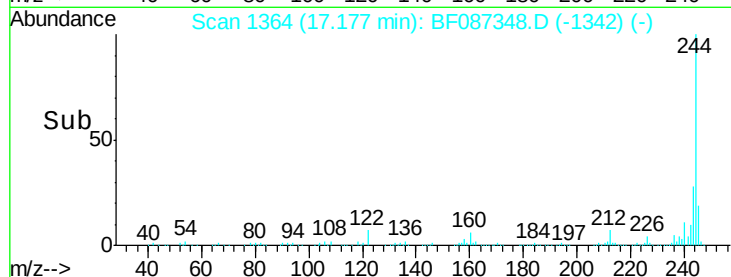
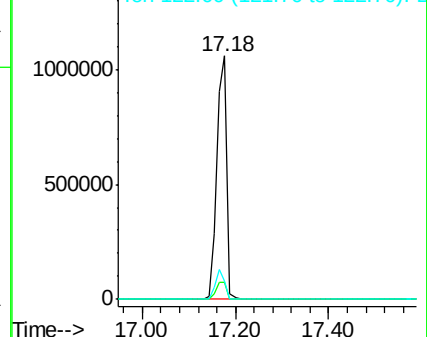
122 7.3 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.18 ng

RT: 17.83 min Scan# 1421

Delta R.T. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

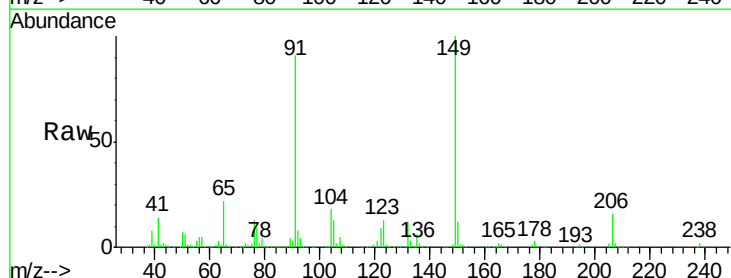
Tgt Ion:149 Resp: 605065

Ion Ratio Lower Upper

149 100

91 91.0 48.0 72.0#

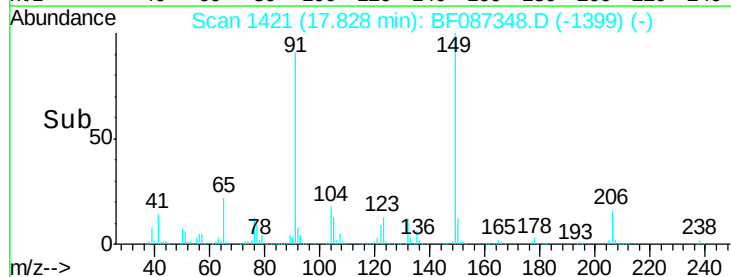
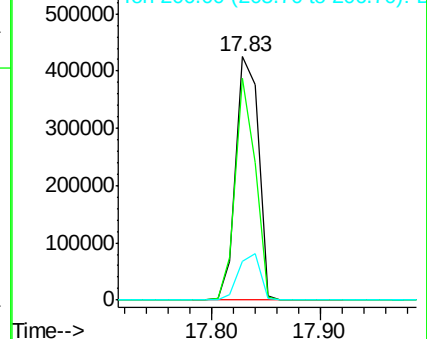
206 16.0 15.8 23.6

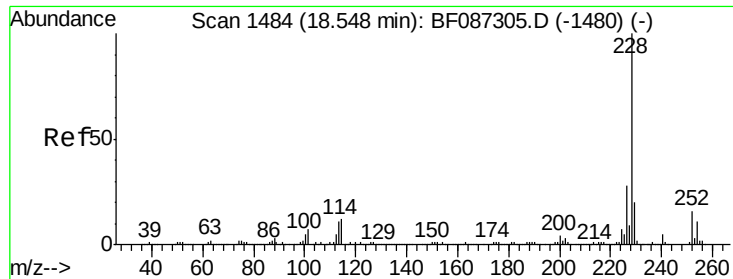


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

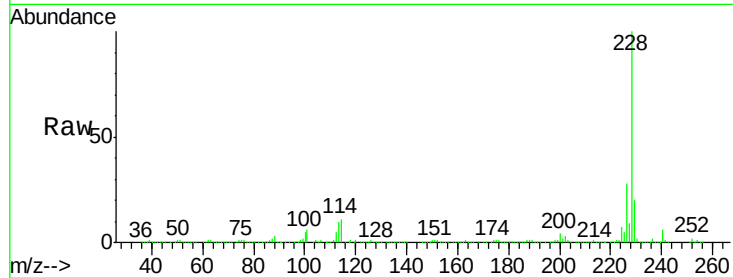
Tgt Ion:228 Resp: 1058289

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

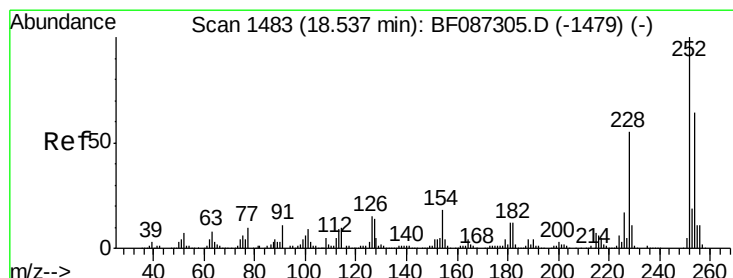
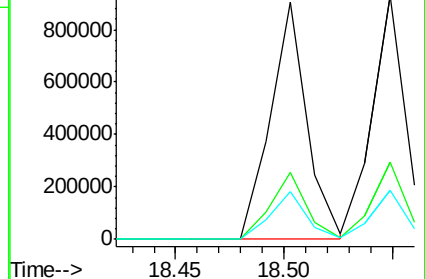
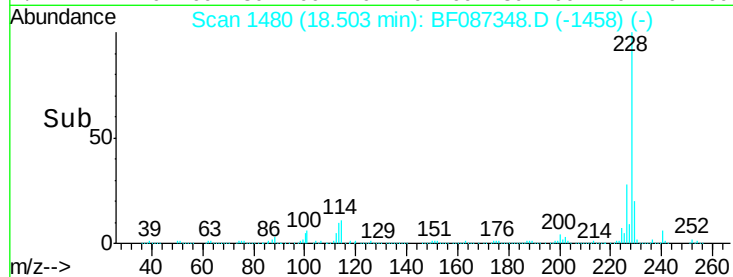
229 20.2 16.6 25.0



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. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

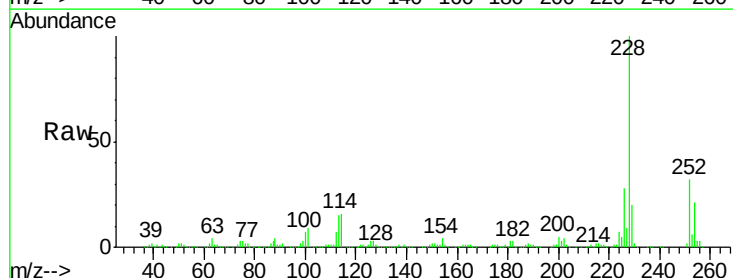
Tgt Ion:252 Resp: 166587

Ion Ratio Lower Upper

252 100

254 65.2 50.7 76.1

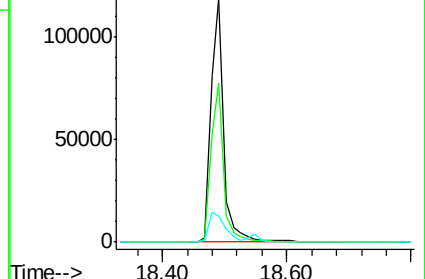
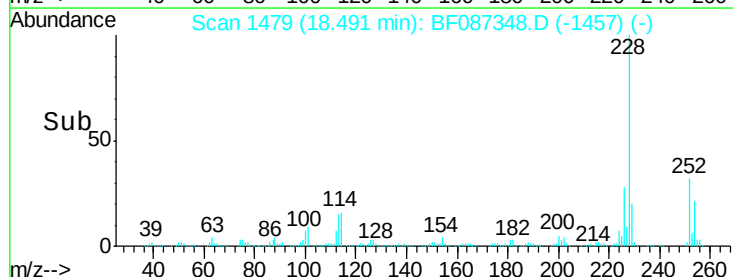
126 10.9 12.7 19.1#

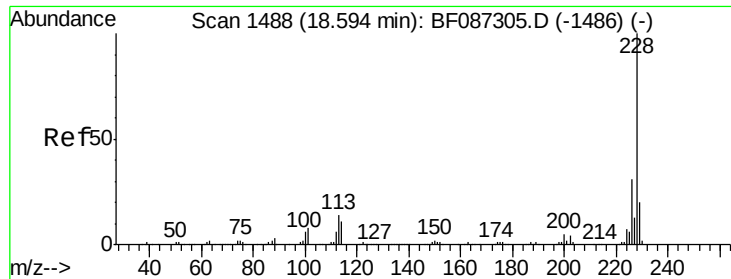


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.38 ng

RT: 18.55 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

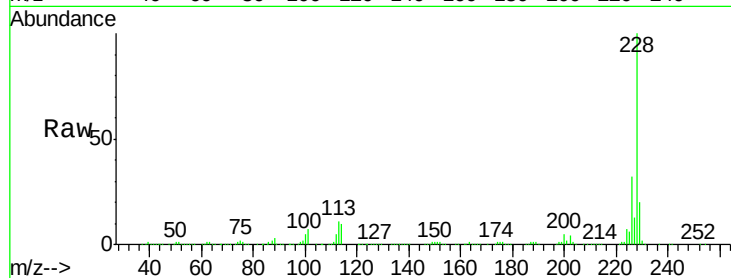
Tgt Ion:228 Resp: 1015821

Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

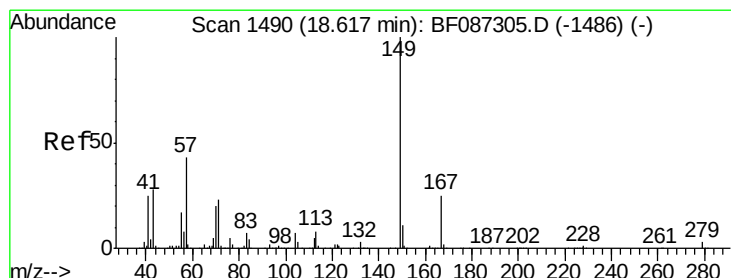
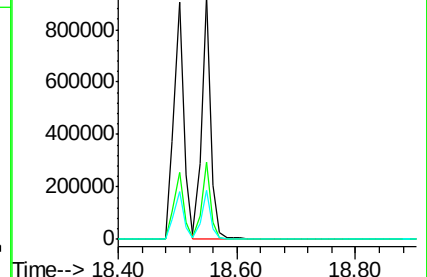
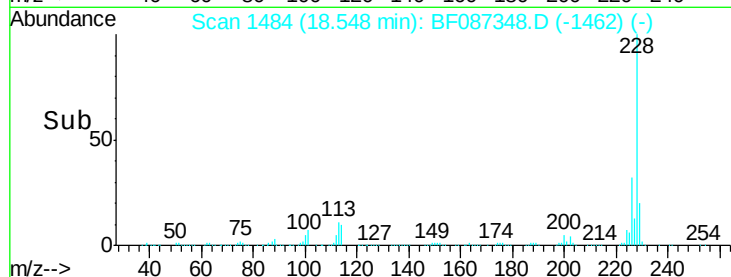
229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.49 ng

RT: 18.57 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

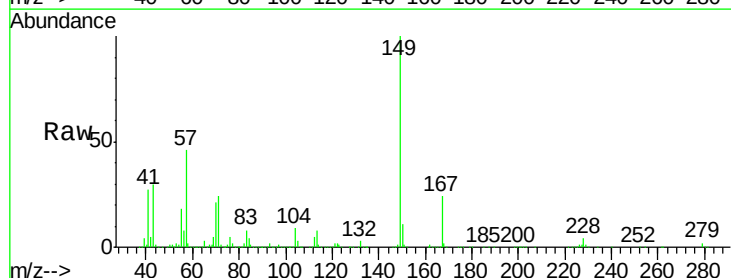
Tgt Ion:149 Resp: 823930

Ion Ratio Lower Upper

149 100

167 24.5 21.8 32.6

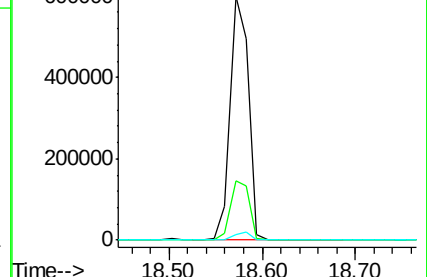
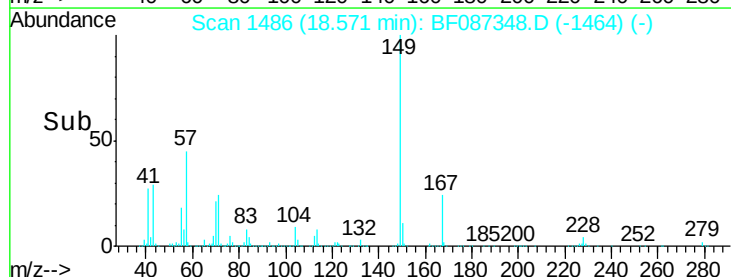
279 2.1 2.6 4.0#

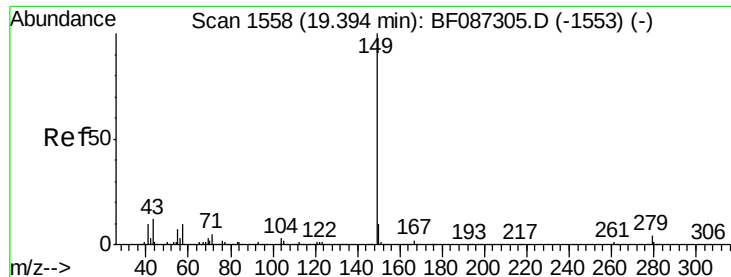


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.21 ng

RT: 19.35 min Scan# 1554

Delta R.T. -0.05 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

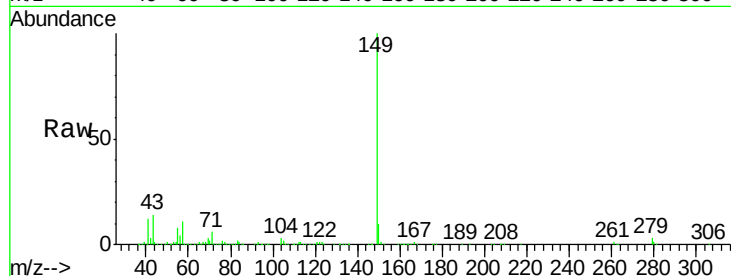
Tgt Ion:149 Resp: 1273997

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

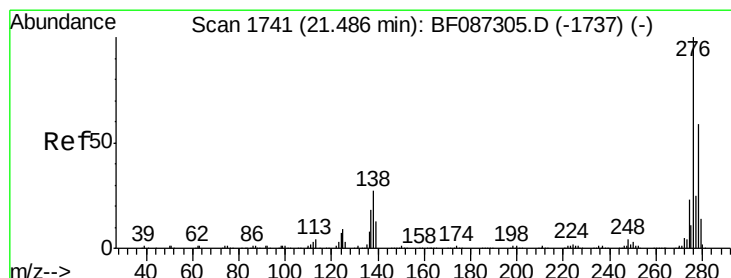
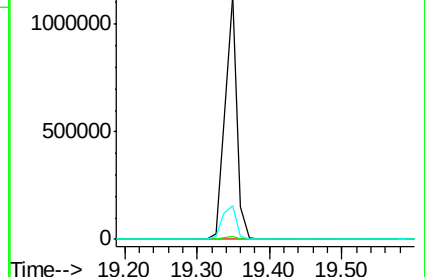
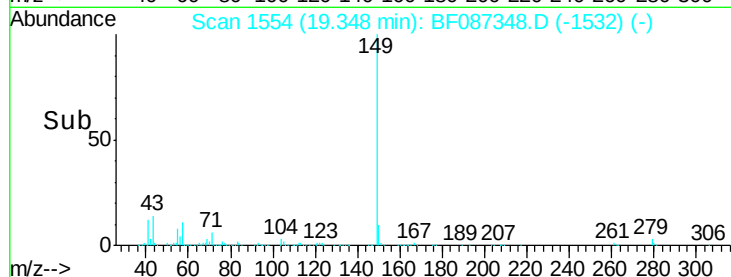
43 16.0 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.96 ng

RT: 21.42 min Scan# 1735

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

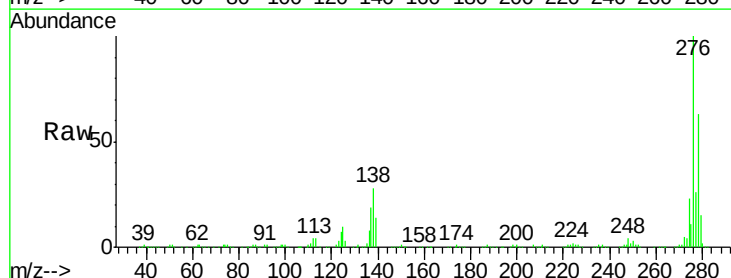
Tgt Ion:276 Resp: 745548

Ion Ratio Lower Upper

276 100

138 26.7 25.6 38.4

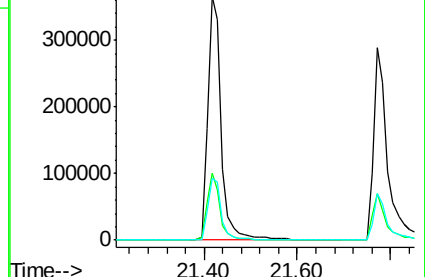
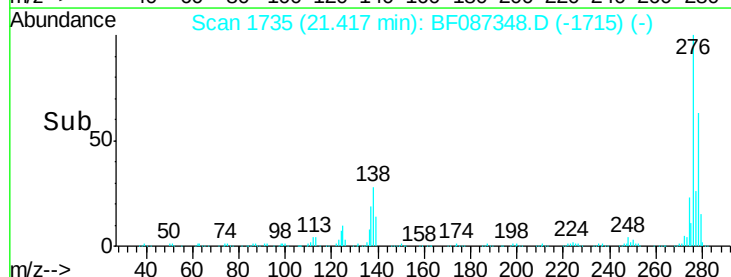
277 25.6 20.5 30.7

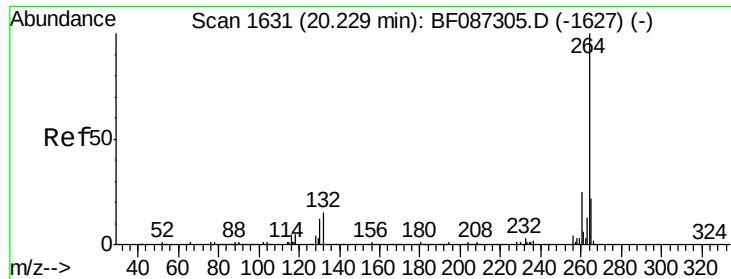


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

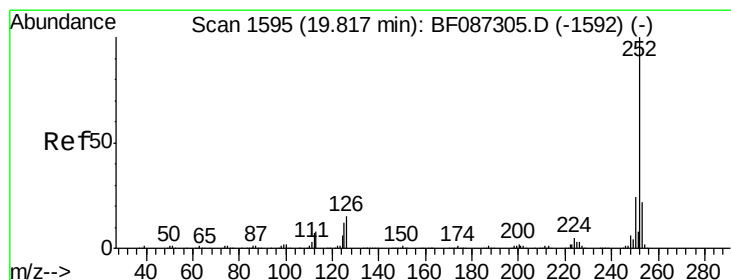
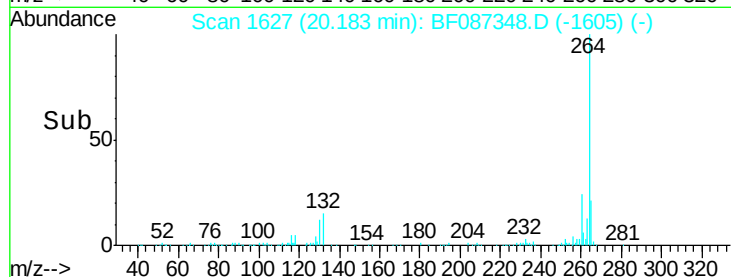
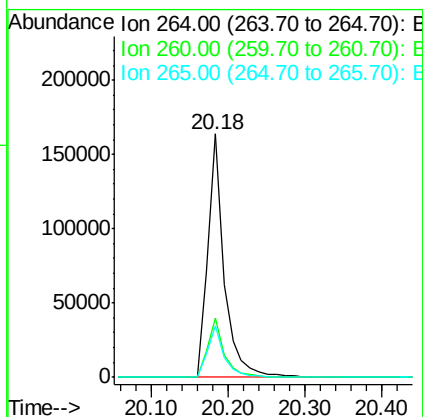
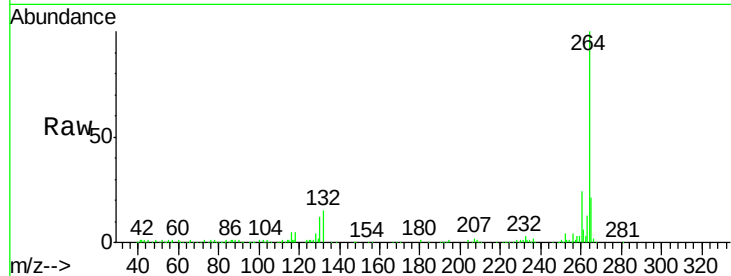




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

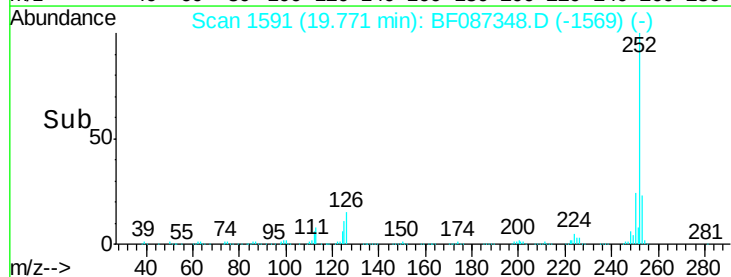
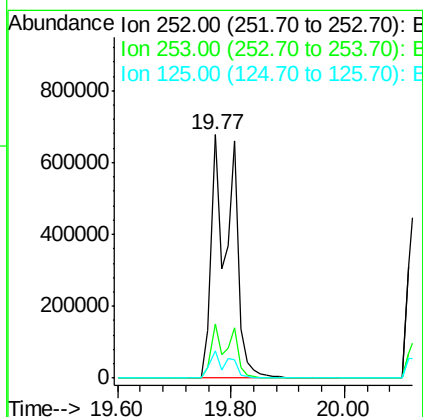
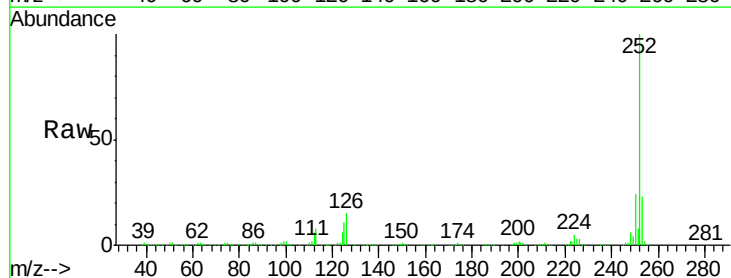
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

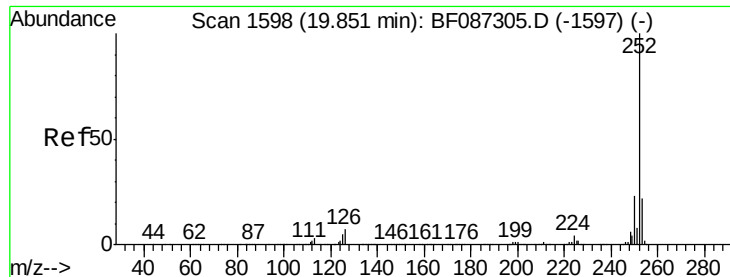
Tgt Ion:264 Resp: 241151
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.4 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 106.78 ng
RT: 19.77 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt Ion:252 Resp: 1640322
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.1 11.4 17.0#

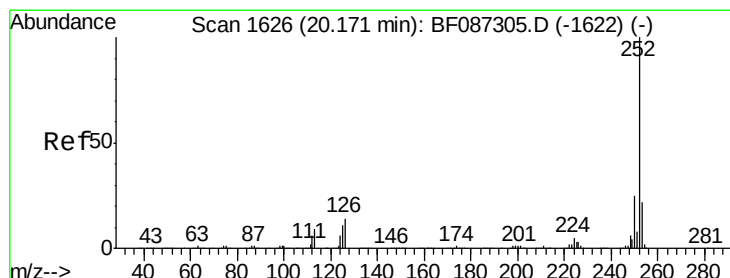
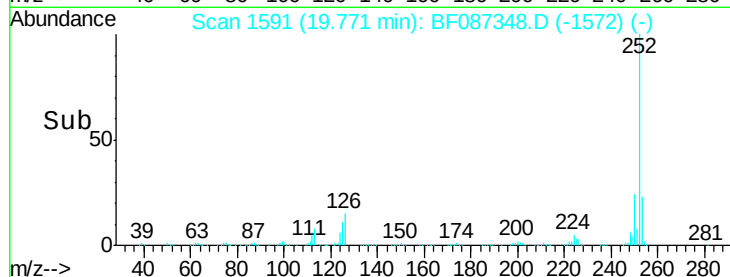
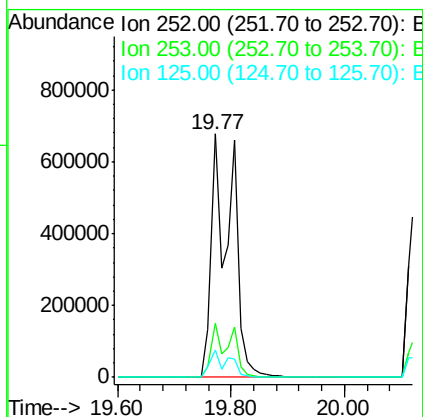
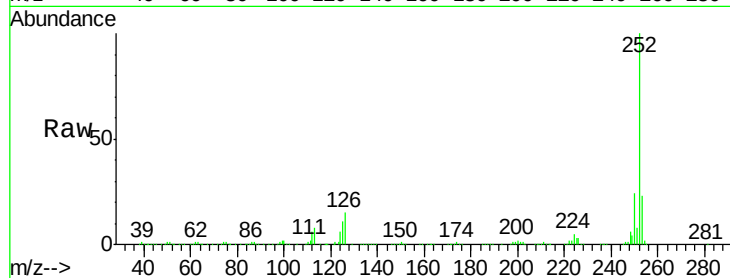




#88
Benzo(k)fluoranthene
Concen: 124.06 ng
RT: 19.77 min Scan# 1591
Delta R.T. -0.08 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

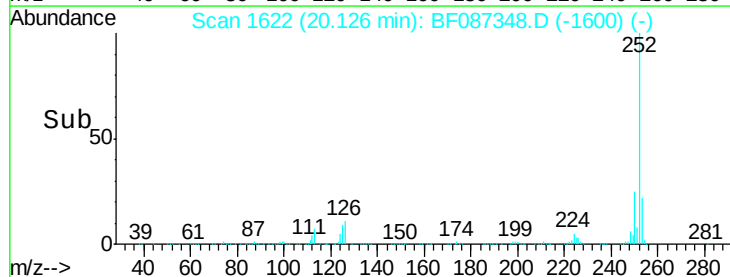
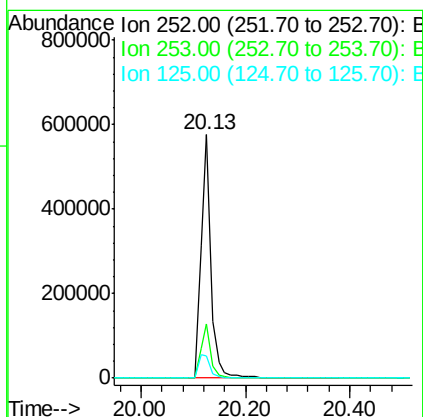
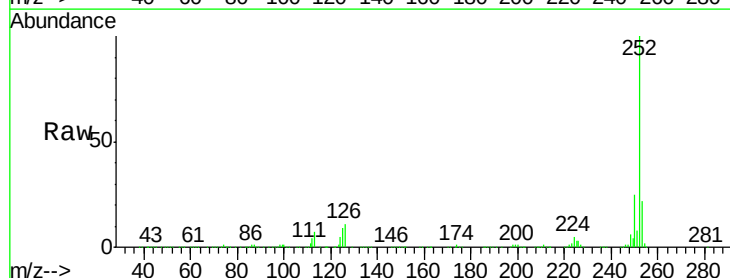
Instrument :
BNA_F
ClientSampleId :
SEWER-JOBMS

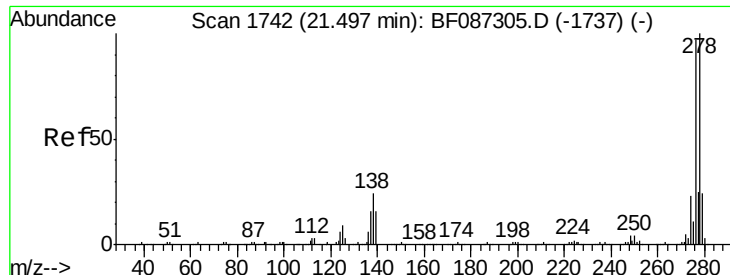
Tgt Ion:252 Resp: 1640322
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.1 9.1 13.7



#89
Benzo(a)pyrene
Concen: 56.99 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.05 min
Lab File: BF087348.D
Acq: 24 May 2016 20:53

Tgt 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: 56.06 ng

RT: 21.43 min Scan# 1736

Delta R.T. -0.07 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SEWER-JOBMS

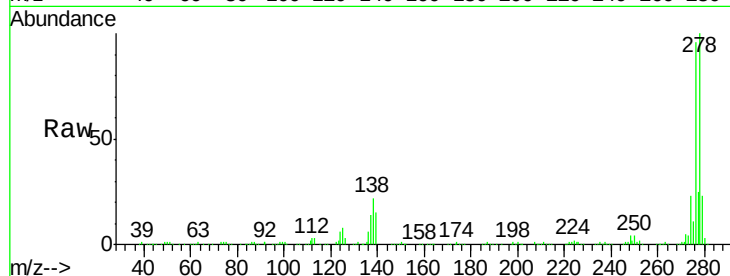
Tgt Ion:278 Resp: 635267

Ion Ratio Lower Upper

278 100

139 14.7 16.6 24.8#

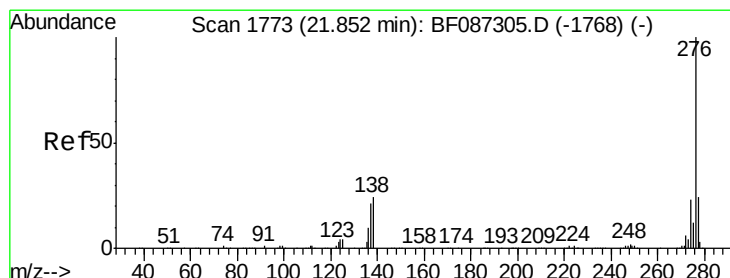
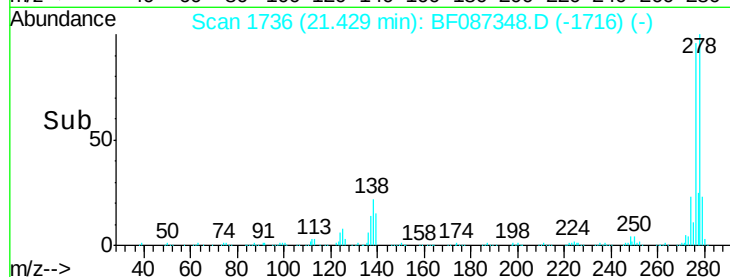
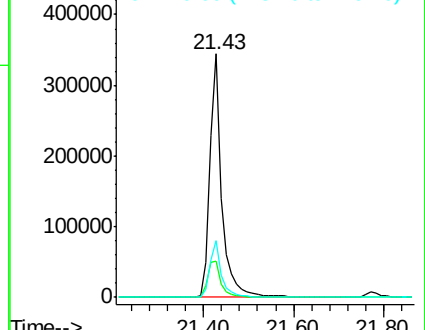
279 23.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 56.00 ng

RT: 21.77 min Scan# 1766

Delta R.T. -0.08 min

Lab File: BF087348.D

Acq: 24 May 2016 20:53

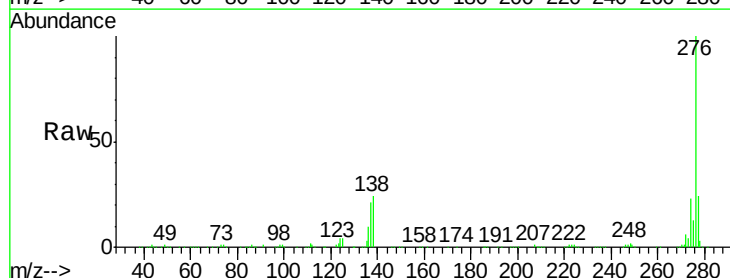
Tgt Ion:276 Resp: 626085

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

