

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087347.D
 Acq On : 24 May 2016 20:19
 Operator : UM/SJ
 Sample : H3135-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Quant Time: May 25 00:44:42 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

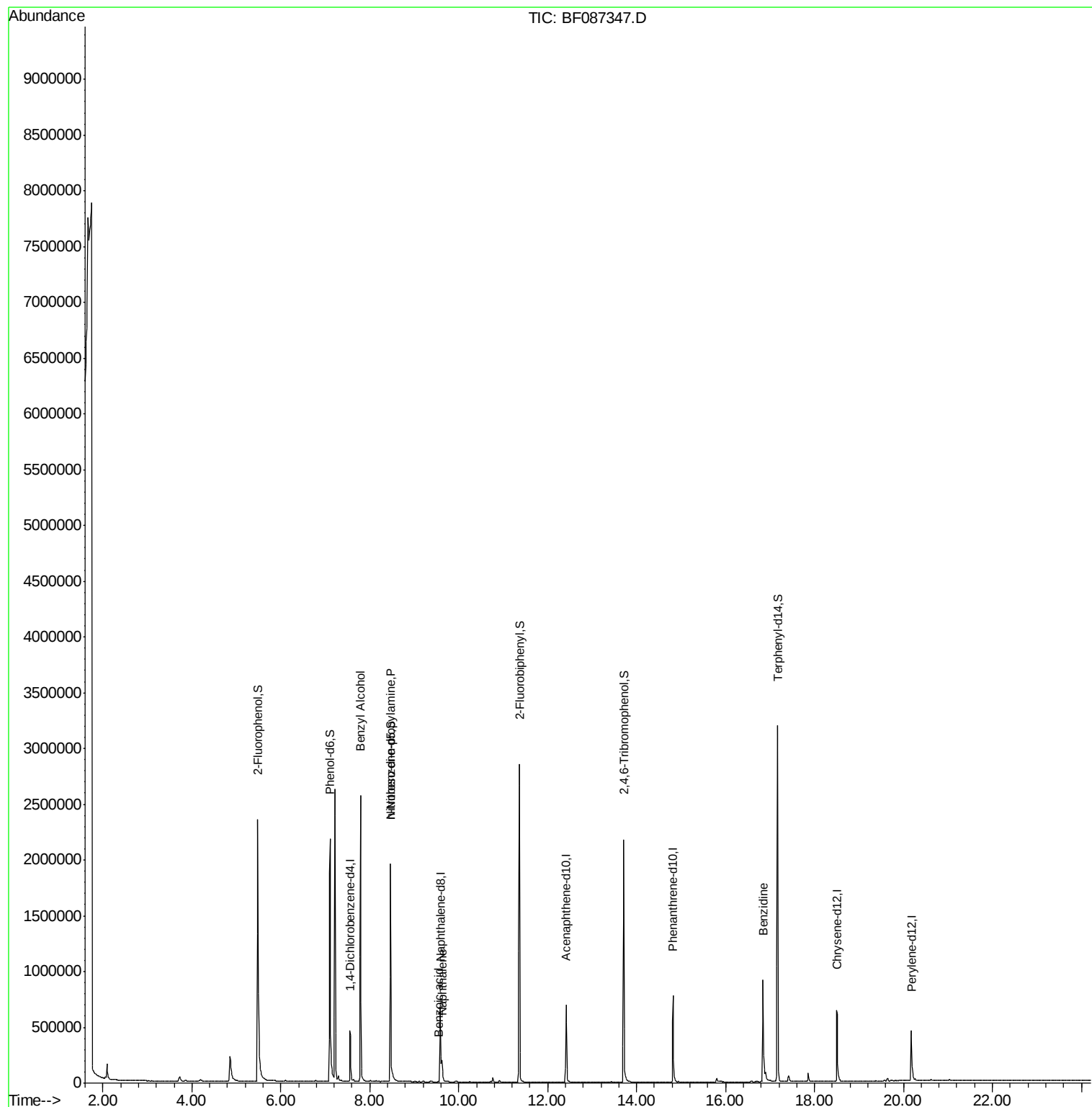
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	107819	20.00	ng	-0.05
21) Naphthalene-d8	9.59	136	438767	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	211364	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	430991	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	374228	20.00	ng	-0.05
86) Perylene-d12	20.18	264	275008	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	948520	154.58	ng	-0.03
7) Phenol-d6	7.11	99	1193515	143.95	ng	-0.06
23) Nitrobenzene-d5	8.47	82	868699	99.78	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	335561	165.21	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1554054	103.65	ng	-0.06
78) Terphenyl-d14	17.18	244	1634301	92.85	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.79	79	15278	2.53	ng	# 42
19) n-Nitroso-di-n-propylamine	8.47	70	119939	19.40	ng	# 72
31) Naphthalene	9.62	128	149666	6.81	ng	99
32) Benzoic acid	9.54	122	480	5.95	ng	# 78
76) Benzidine	16.85	184	535403	55.60	ng	95

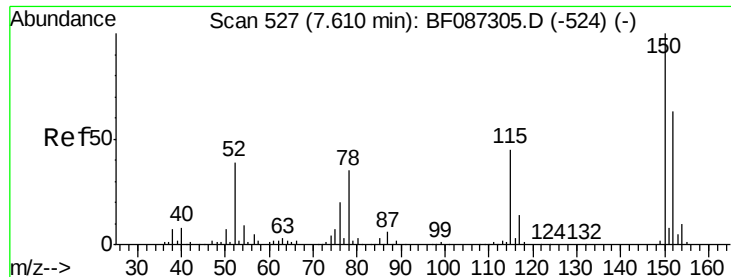
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF087347.D

Acq: 24 May 2016 20:19

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

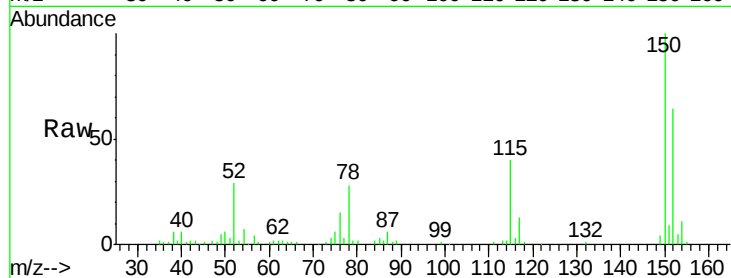
Tgt Ion:152 Resp: 107819

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

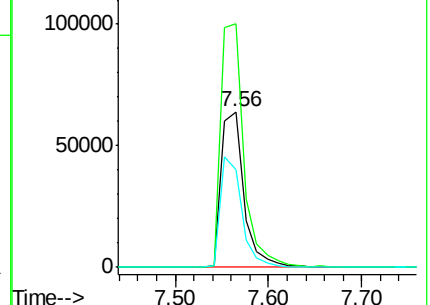
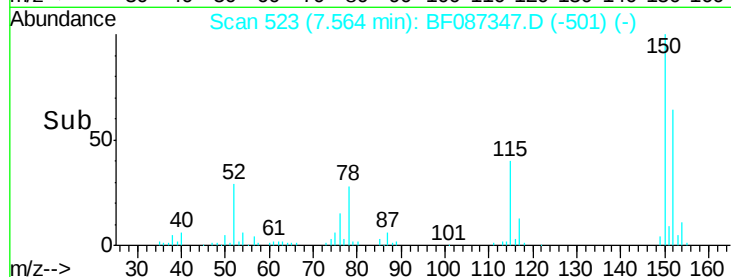
115 63.0 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 154.58 ng

RT: 5.48 min Scan# 341

Delta R.T. -0.03 min

Lab File: BF087347.D

Acq: 24 May 2016 20:19

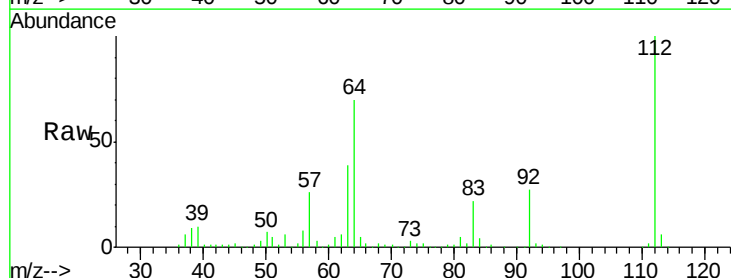
Tgt Ion:112 Resp: 948520

Ion Ratio Lower Upper

112 100

64 70.3 52.1 78.1

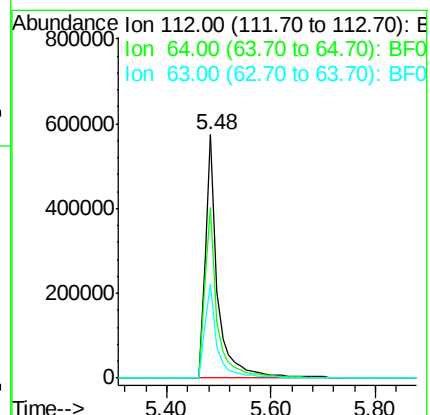
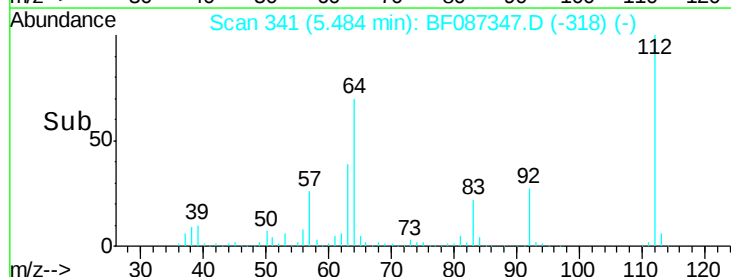
63 38.8 25.7 38.5#

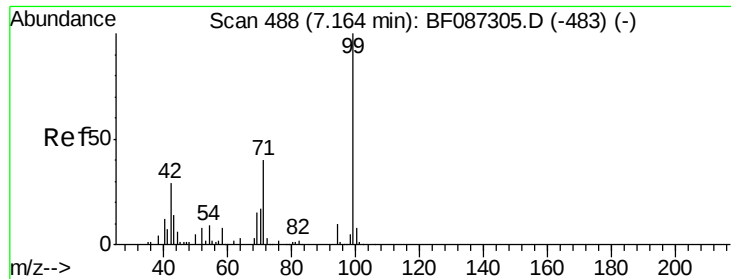


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.95 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.06 min

Lab File: BF087347.D

Acq: 24 May 2016 20:19

Instrument :

BNA_F

ClientSampleId :

SEWER-JOB

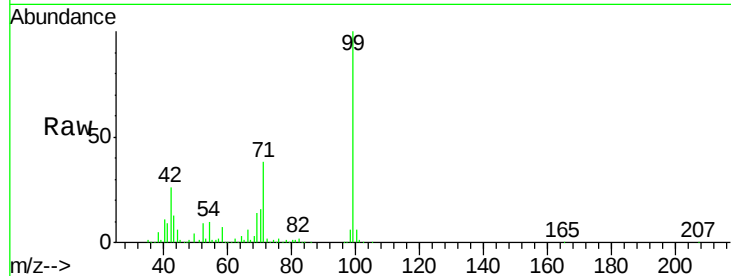
Tgt Ion: 99 Resp: 1193515

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

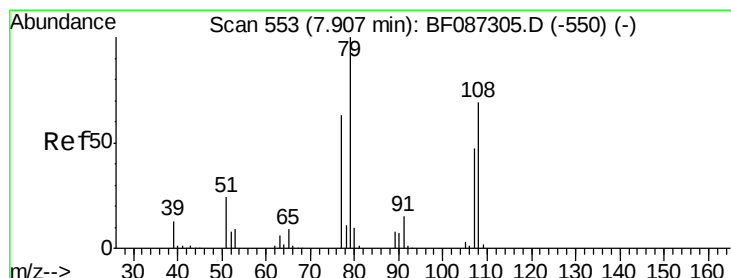
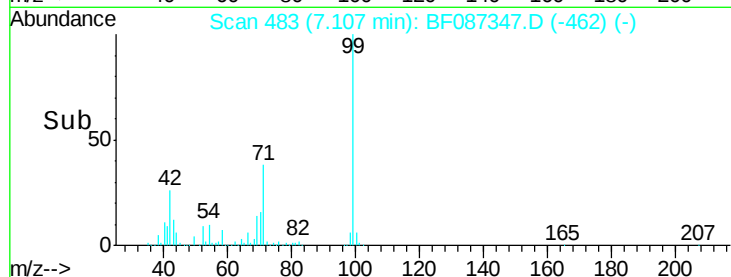
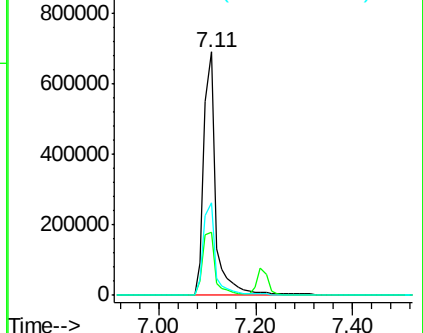
71 37.8 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.11 min

Lab File: BF087347.D

Acq: 24 May 2016 20:19

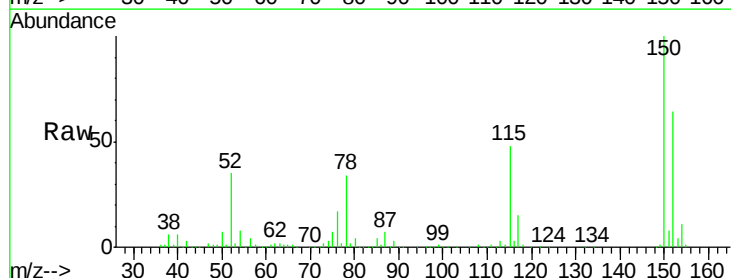
Tgt Ion: 79 Resp: 15278

Ion Ratio Lower Upper

79 100

108 34.8 68.4 102.6#

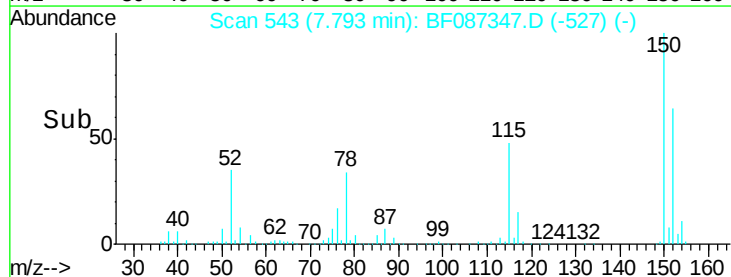
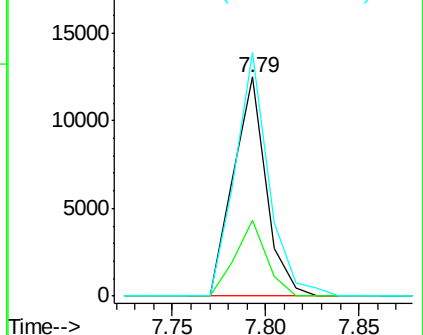
77 111.1 50.6 76.0#

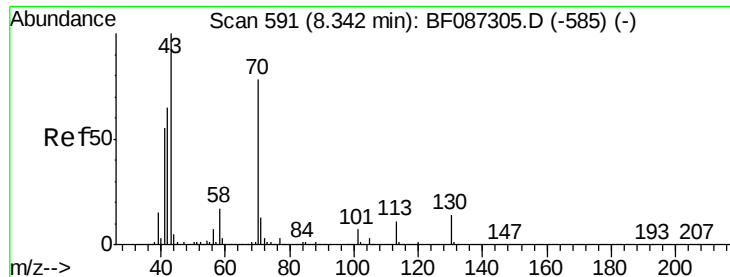


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

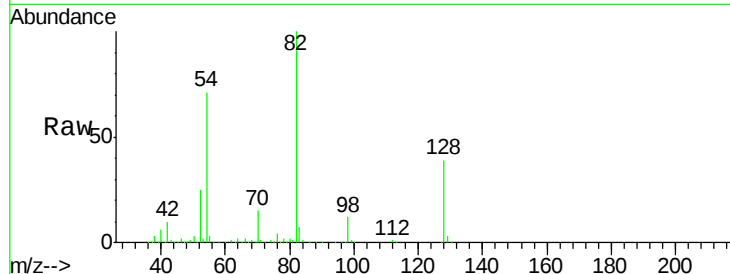




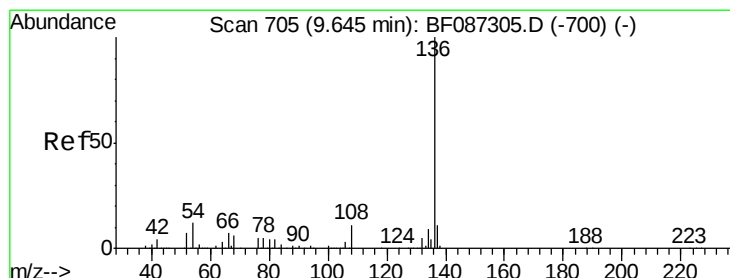
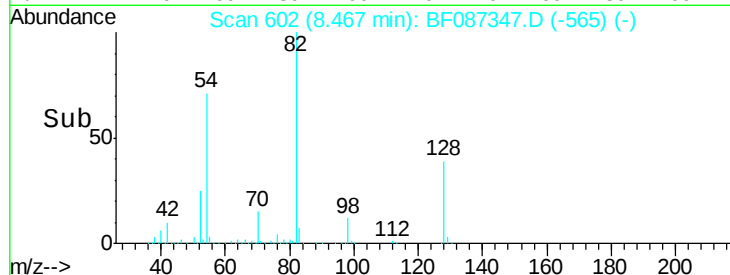
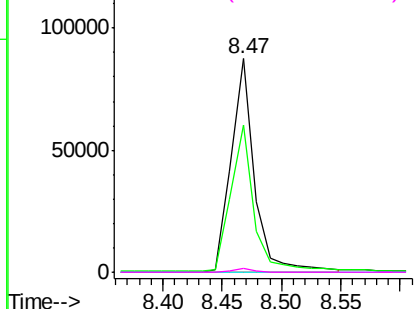
#19
n-Nitroso-di-n-propylamine
Concen: 19.40 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion: 70 Resp: 119939
Ion Ratio Lower Upper
70 100
42 68.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#

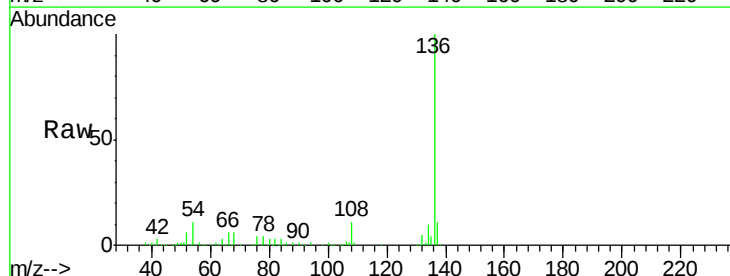


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

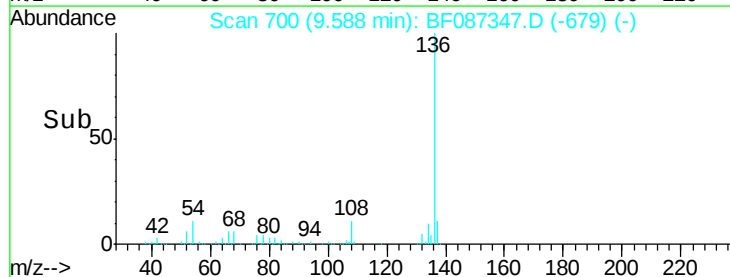
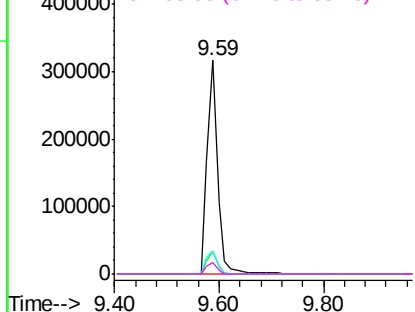


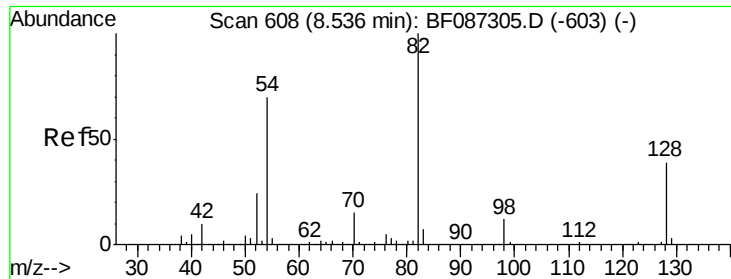
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Tgt Ion: 136 Resp: 438767
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.6 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

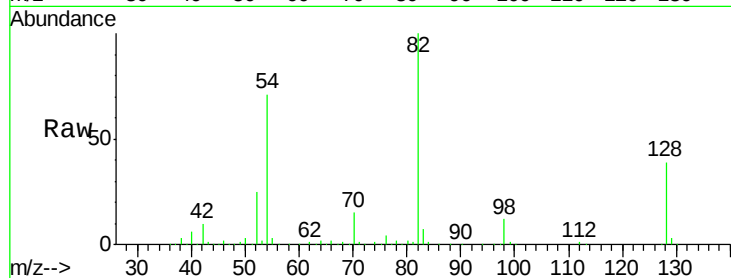




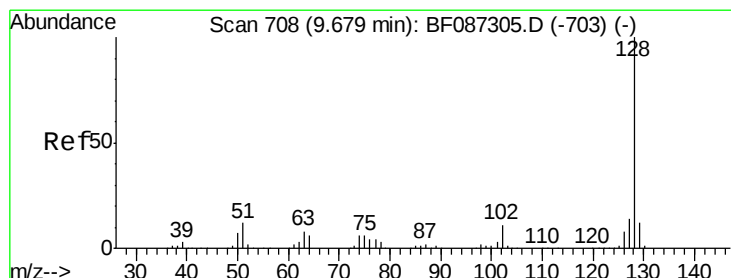
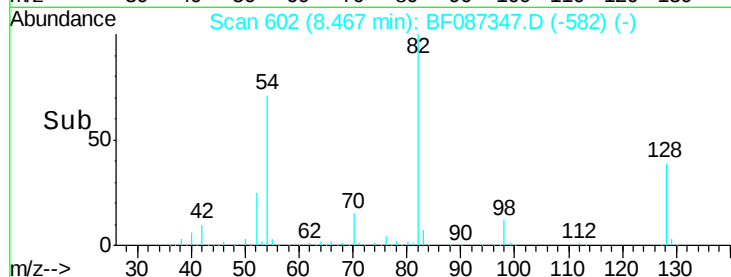
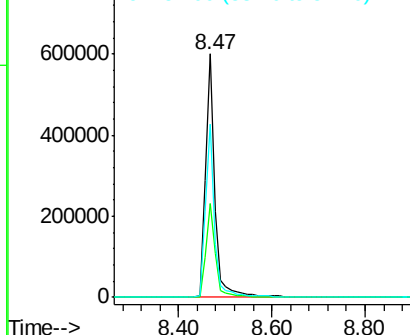
#23
 Nitrobenzene-d5
 Concen: 99.78 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.07 min
 Lab File: BF087347.D
 Acq: 24 May 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOB

Tgt Ion: 82 Resp: 868699
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 71.0 38.1 57.1#

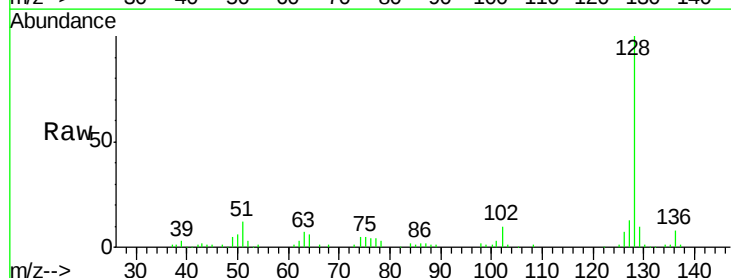


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

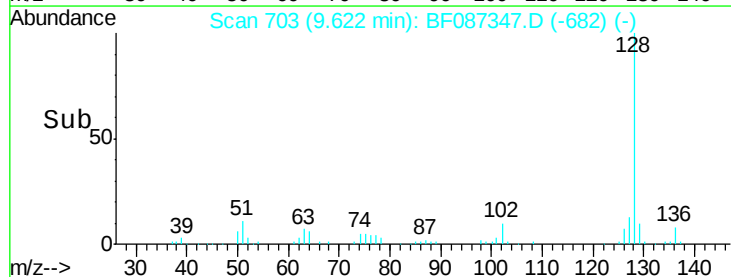
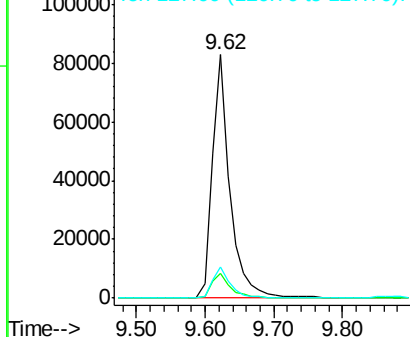


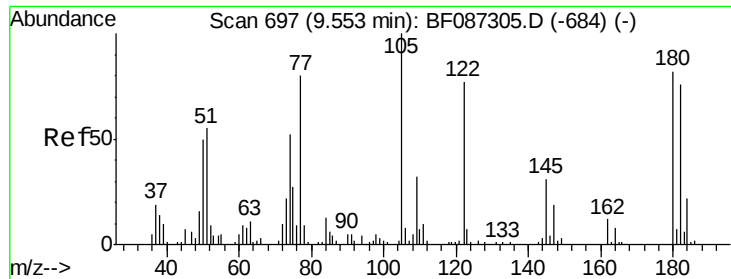
#31
 Naphthalene
 Concen: 6.81 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.06 min
 Lab File: BF087347.D
 Acq: 24 May 2016 20:19

Tgt Ion: 128 Resp: 149666
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 13.0
 127 12.9 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

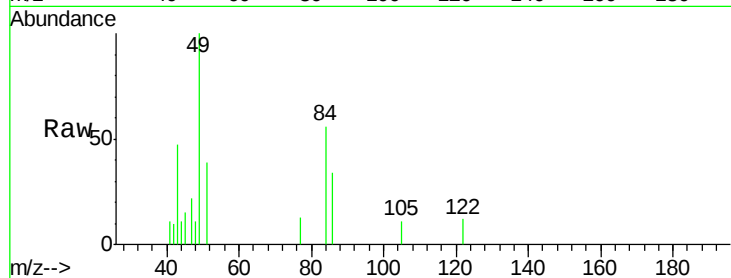




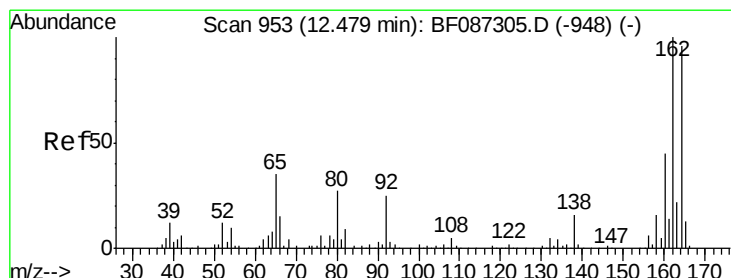
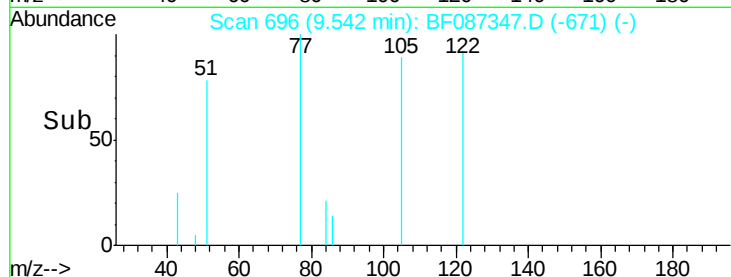
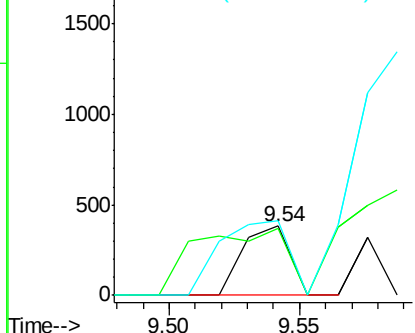
#32
Benzoic acid
Concen: 5.95 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

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SEWER-JOB

Tgt Ion:122 Resp: 480
Ion Ratio Lower Upper
122 100
105 96.3 92.6 132.6
77 108.7 60.0 100.0#

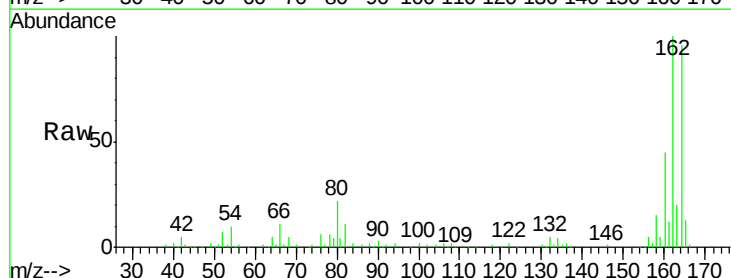


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

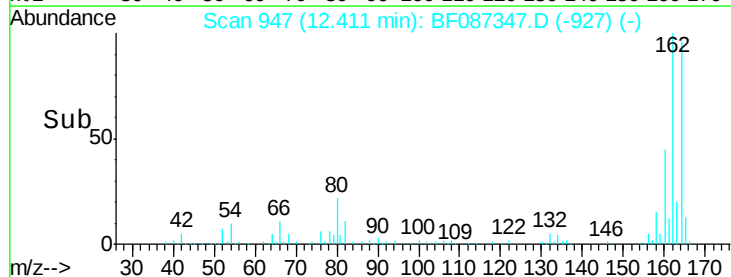
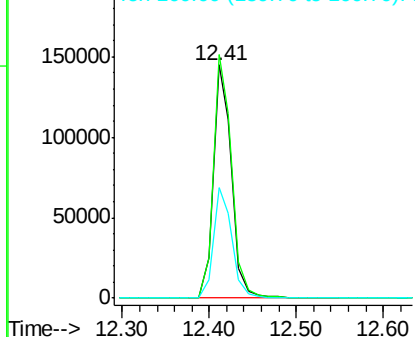


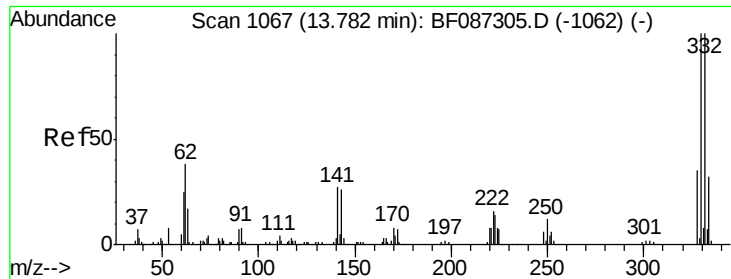
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.07 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Tgt Ion:164 Resp: 211364
Ion Ratio Lower Upper
164 100
162 104.5 82.8 124.2
160 47.3 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

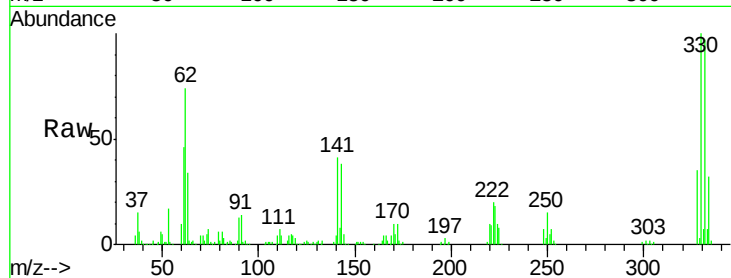




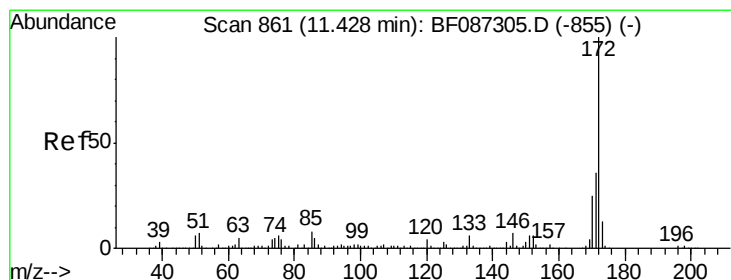
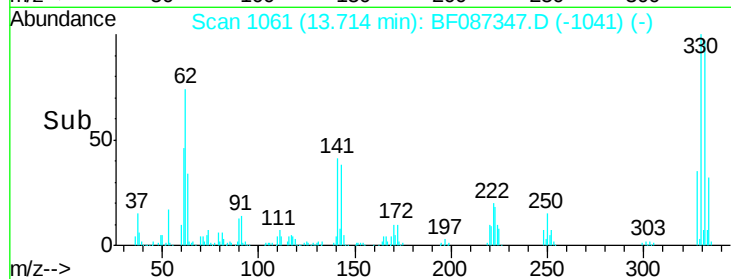
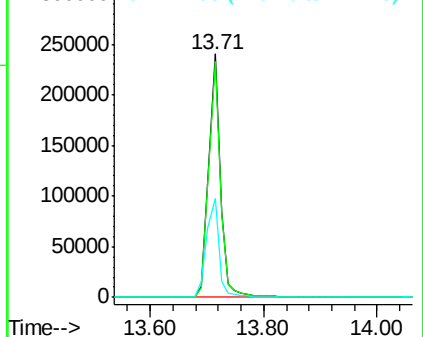
#41
 2,4,6-Tribromophenol
 Concen: 165.21 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087347.D
 Acq: 24 May 2016 20:19

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Tgt Ion:330 Resp: 335561
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 43.3 31.2 46.8

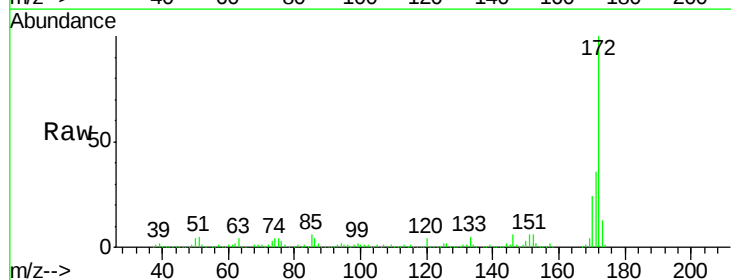


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

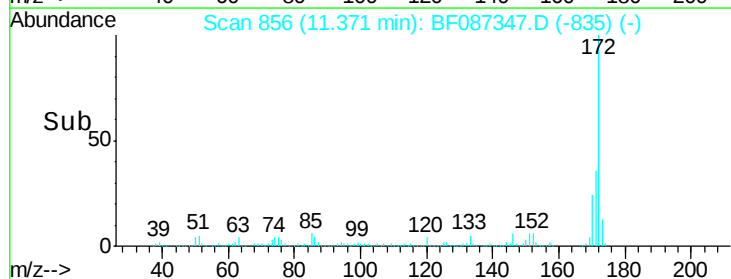
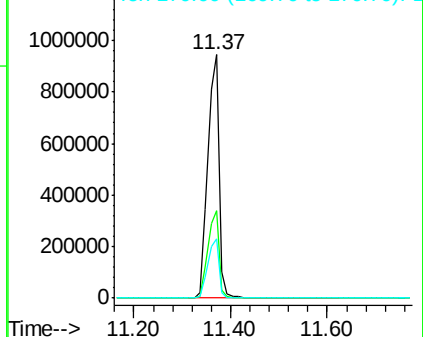


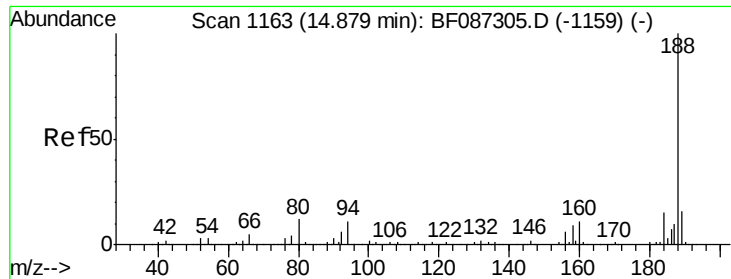
#44
 2-Fluorobiphenyl
 Concen: 103.65 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF087347.D
 Acq: 24 May 2016 20:19

Tgt Ion:172 Resp: 1554054
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.2 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

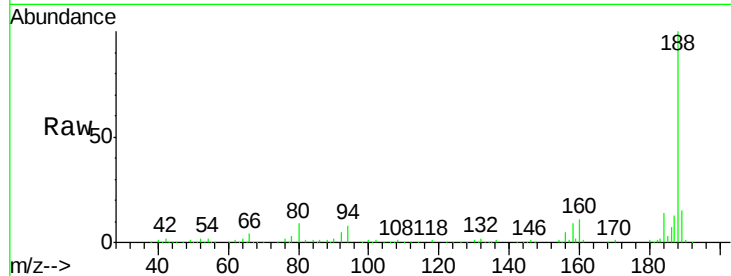




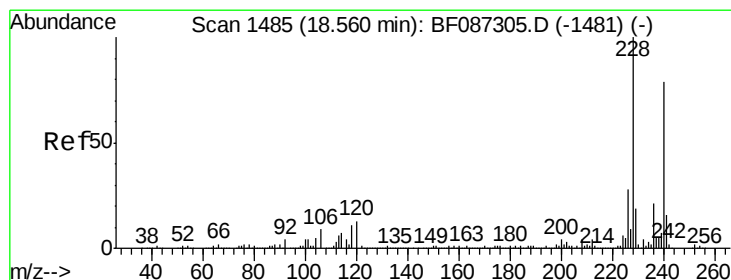
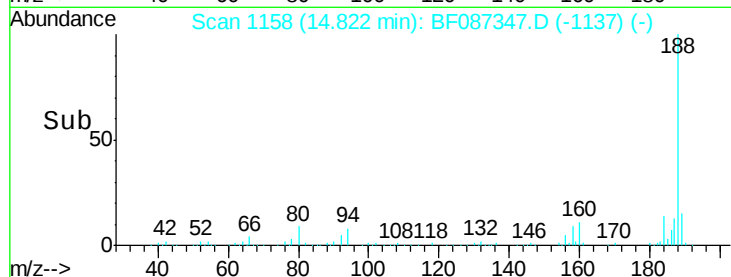
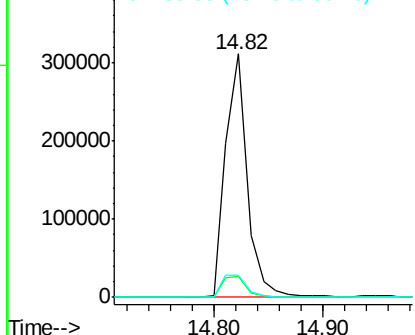
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.06 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Instrument :
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ClientSampleId :
SEWER-JOB

Tgt Ion:188 Resp: 430991
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.0 7.1 10.7

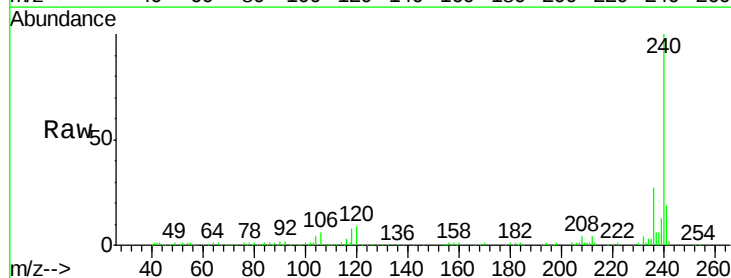


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

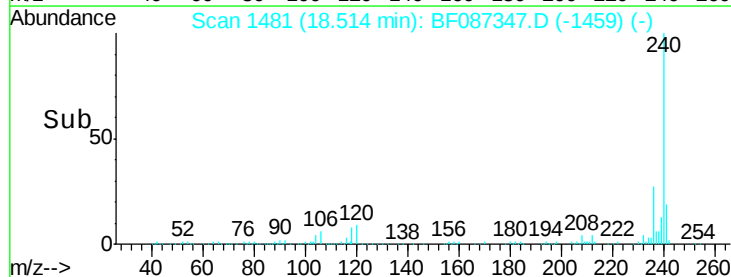
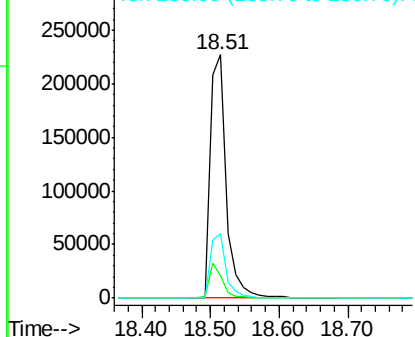


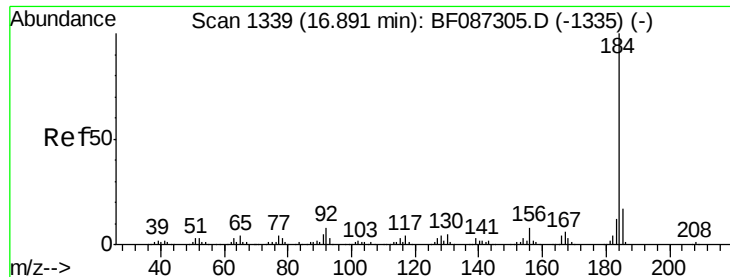
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 1481
Delta R.T. -0.05 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Tgt Ion:240 Resp: 374228
Ion Ratio Lower Upper
240 100
120 9.3 11.2 16.8#
236 26.6 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

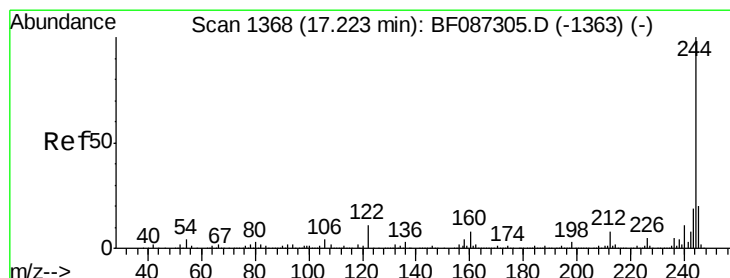
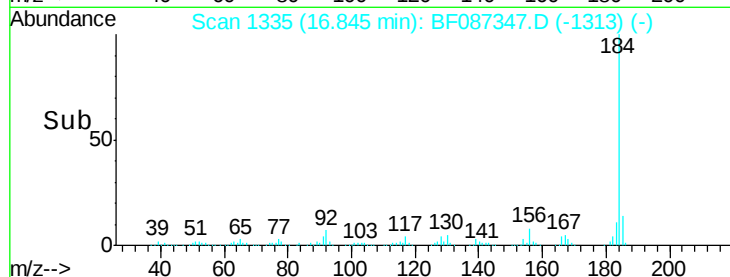
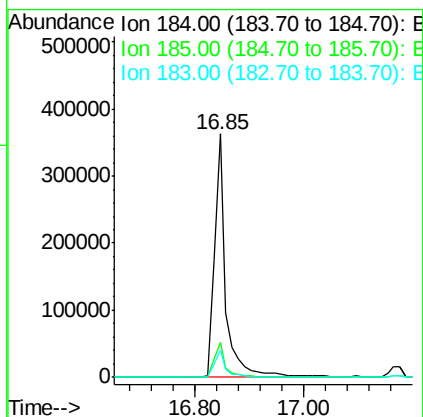
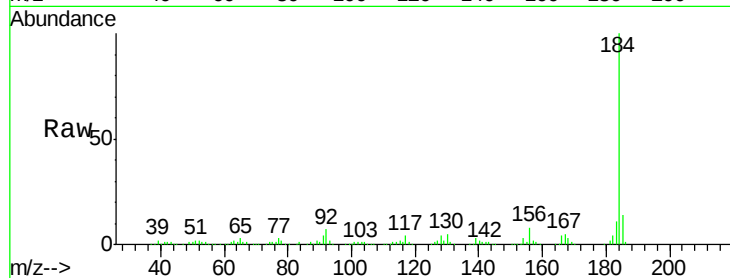




#76
Benzidine
Concen: 55.60 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

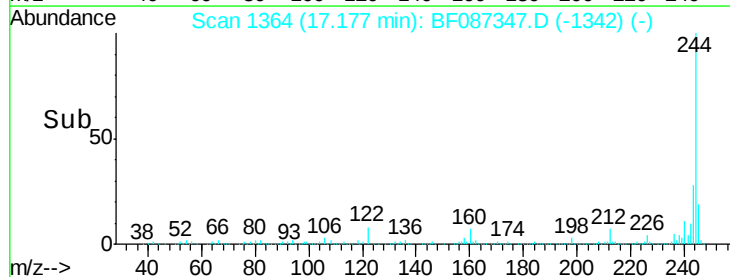
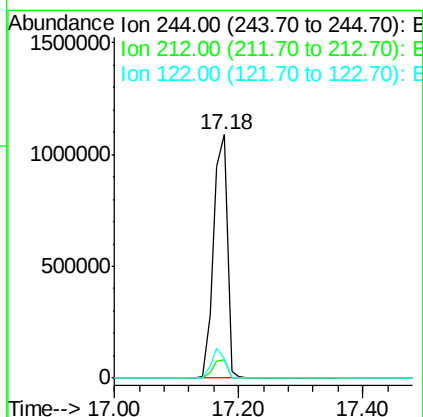
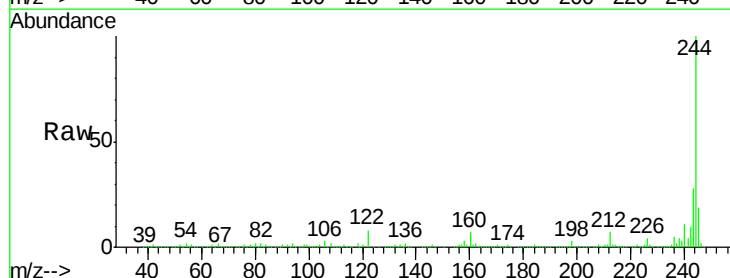
Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

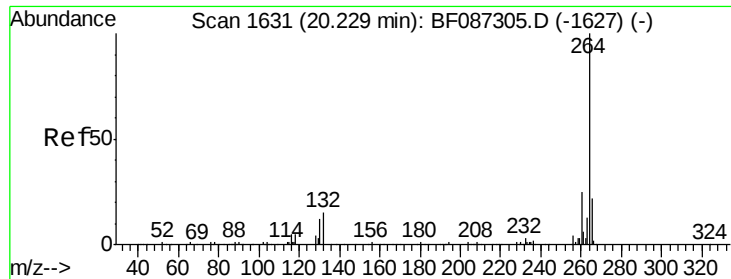
Tgt Ion:184 Resp: 535403
Ion Ratio Lower Upper
184 100
185 14.2 13.6 20.4
183 11.4 9.8 14.6



#78
Terphenyl-d14
Concen: 92.85 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Tgt Ion:244 Resp: 1634301
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.2 12.0 18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.05 min
Lab File: BF087347.D
Acq: 24 May 2016 20:19

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.3	25.9

