

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016675.D
 Acq On : 05 Sep 2018 17:18
 Operator : SJ/JU
 Sample : J4724-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

Quant Time: Sep 05 17:56:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 16:42:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65356	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	238784	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	152276	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	421843	20.00	ng	0.00
75) Chrysene-d12	21.50	240	562708	20.00	ng	0.00
86) Perylene-d12	23.77	264	706473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	339321	101.74	ng	0.00
7) Phenol-d6	7.15	99	432455	97.99	ng	0.00
23) Nitrobenzene-d5	9.15	82	399794	76.45	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	422511	99.26	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	1150551	72.63	ng	0.00
78) Terphenyl-d14	19.94	244	2181693	82.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	56163	30.481	ng	# 100
3) Pyridine	3.78	79	104988	27.386	ng	# 77
4) n-Nitrosodimethylamine	3.69	42	66430	38.897	ng	# 70
6) Aniline	7.30	93	116848	23.660	ng	# 81
8) 2-Chlorophenol	7.53	128	127663	32.168	ng	# 96
9) Benzaldehyde	7.13	77	83179	27.157	ng	# 77
10) Phenol	7.17	94	132592	30.379	ng	# 90
11) bis(2-Chloroethyl)ether	7.40	93	93660	28.617	ng	# 95
12) 1,3-Dichlorobenzene	7.85	146	151540	28.801	ng	# 84
13) 1,4-Dichlorobenzene	8.00	146	157518	29.171	ng	# 94
14) 1,2-Dichlorobenzene	8.32	146	152066	28.665	ng	# 98
15) Benzyl Alcohol	8.23	79	110520	26.966	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.49	45	65138	28.904	ng	# 42
17) 2-Methylphenol	8.43	107	95144	30.103	ng	# 73
18) Hexachloroethane	9.02	117	88465	35.562	ng	# 45
19) n-Nitroso-di-n-propylamine	8.78	70	97673	28.227	ng	# 86
20) 3+4-Methylphenols	8.76	107	120338	27.537	ng	# 74
22) Acetophenone	8.81	105	192520	33.482	ng	# 100
24) Nitrobenzene	9.20	77	166000	31.769	ng	# 92
25) Isophorone	9.71	82	255075	36.494	ng	# 96
26) 2-Nitrophenol	9.90	139	73131	32.738	ng	# 38
27) 2,4-Dimethylphenol	9.96	122	101284	34.792	ng	# 77
28) bis(2-Chloroethoxy)methane	10.19	93	132928	31.859	ng	# 93
29) 2,4-Dichlorophenol	10.44	162	145314	33.352	ng	# 94
30) 1,2,4-Trichlorobenzene	10.63	180	240445	36.370	ng	# 97
31) Naphthalene	10.82	128	383740	33.730	ng	# 97
32) Benzoic acid	10.13	122	32879	13.499	ng	# 87
33) 4-Chloroaniline	10.96	127	105979	22.135	ng	# 85
34) Hexachlorobutadiene	11.06	225	278904	44.200	ng	# 98
35) Caprolactam	11.77	113	25499	24.390	ng	# 60
36) 4-Chloro-3-methylphenol	12.08	107	119029	28.417	ng	# 84
37) 2-Methylnaphthalene	12.42	142	295745	33.206	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	383100	44.546	ng	# 100
40) Hexachlorocyclopentadiene	12.74	237	422004	98.778	ng	# 100

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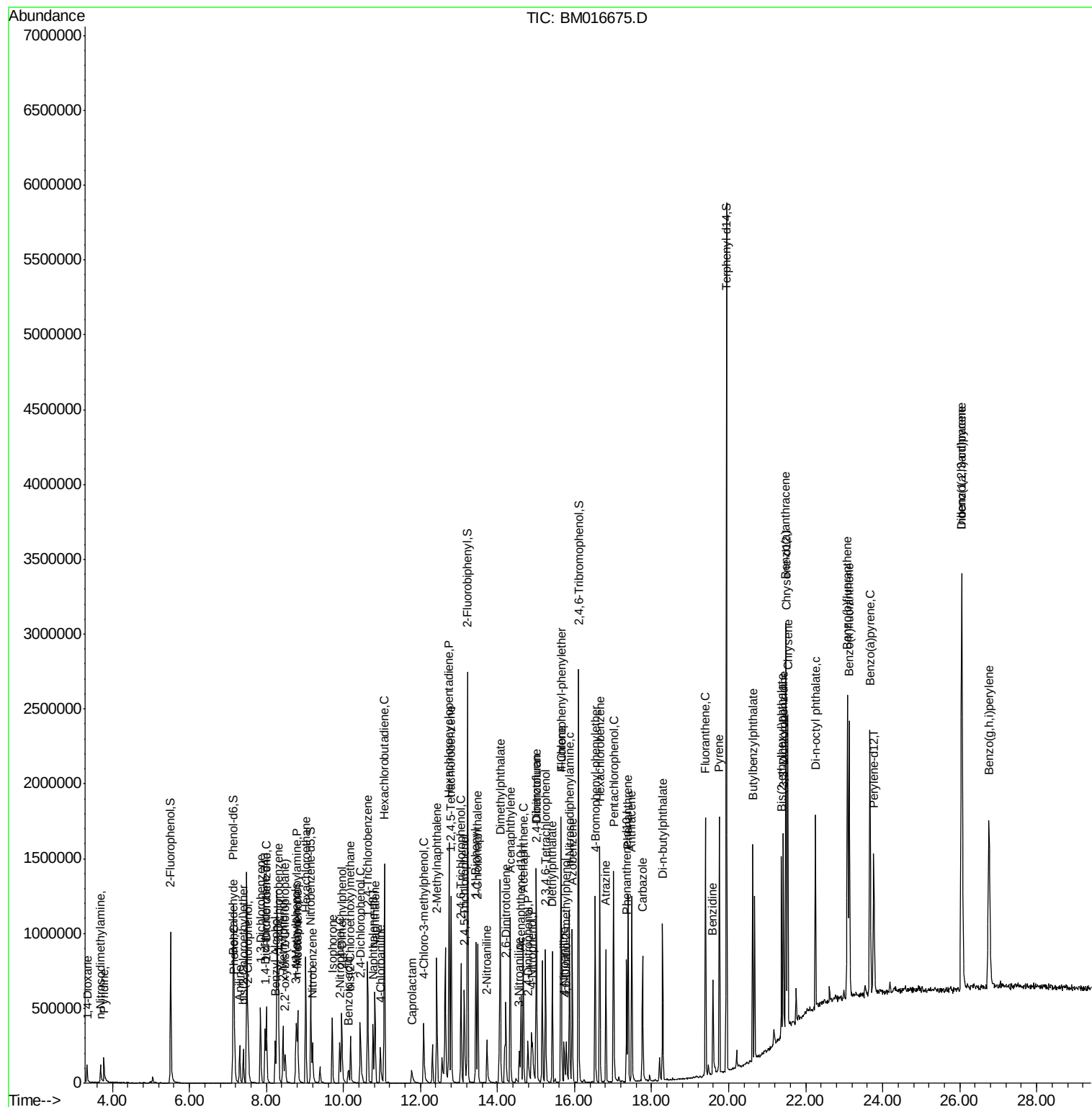
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	197521	38.407	nq	92
43) 2,4,5-Trichlorophenol	13.13	196	194678	38.753	nq #	94
45) 1,1'-Biphenyl	13.44	154	403027	30.184	nq	97
46) 2-Chloronaphthalene	13.49	162	337661	31.127	nq	93
47) 2-Nitroaniline	13.72	65	83549	28.916	nq #	76
48) Acenaphthylene	14.33	152	470796	30.746	nq	96
49) Dimethylphthalate	14.07	163	734112	50.180	nq #	97
50) 2,6-Dinitrotoluene	14.22	165	86970	30.478	nq #	64
51) Acenaphthene	14.67	154	293490	31.198	nq	96
52) 3-Nitroaniline	14.56	138	51008	19.646	nq #	63
53) 2,4-Dinitrophenol	14.79	184	88624	62.062	nq #	69
54) Dibenzofuran	15.01	168	531373	29.507	nq #	87
55) 4-Nitrophenol	14.88	139	77013	46.505	nq #	70
56) 2,4-Dinitrotoluene	15.02	165	120269	25.276	nq #	97
57) Fluorene	15.66	166	410781	30.195	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.24	232	184906	38.296	nq #	100
59) Diethylphthalate	15.43	149	418496	27.435	nq	96
60) 4-Chlorophenyl-phenylether	15.64	204	393224	34.467	nq #	83
61) 4-Nitroaniline	15.73	138	54656	21.539	nq #	1
62) Azobenzene	15.94	77	545512	33.576	nq	91
64) 4,6-Dinitro-2-methylphenol	15.79	198	87880	27.417	nq #	63
65) n-Nitrosodiphenylamine	15.87	169	356221	30.017	nq	97
66) 4-Bromophenyl-phenylether	16.53	248	246959	38.101	nq	98
67) Hexachlorobenzene	16.66	284	259848	34.376	nq	94
68) Atrazine	16.82	200	213014	39.331	nq	91
69) Pentachlorophenol	17.01	266	236173	59.051	nq	96
70) Phenanthrene	17.39	178	679536	31.167	nq	98
71) Anthracene	17.49	178	693556	32.034	nq	98
72) Carbazole	17.77	167	487660	25.064	nq	95
73) Di-n-butylphthalate	18.29	149	652077	27.490	nq #	96
74) Fluoranthene	19.40	202	1015910	31.779	nq	93
76) Benzidine	19.59	184	370244	34.214	nq	98
77) Pyrene	19.76	202	1025570	33.536	nq	99
79) Butylbenzylphthalate	20.63	149	303656	28.767	nq #	68
80) Benzo(a)anthracene	21.49	228	1143536	34.566	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	390972	26.550	nq #	97
82) Chrysene	21.54	228	1060478	33.597	nq	98
83) Bis(2-ethylhexyl)phthalate	21.37	149	428660	27.316	nq #	93
84) Di-n-octyl phthalate	22.26	149	741456	28.432	nq #	93
85) Indeno(1,2,3-cd)pyrene	26.06	276	1962788	43.239	nq #	91
87) Benzo(b)fluoranthene	23.09	252	1426949	35.039	nq #	90
88) Benzo(k)fluoranthene	23.13	252	1284543	31.000	nq #	94
89) Benzo(a)pyrene	23.67	252	1376800	34.745	nq #	95
90) Dibenzo(a,h)anthracene	26.05	278	1657977	37.334	nq #	87
91) Benzo(g,h,i)perylene	26.76	276	1566242	39.290	nq #	80

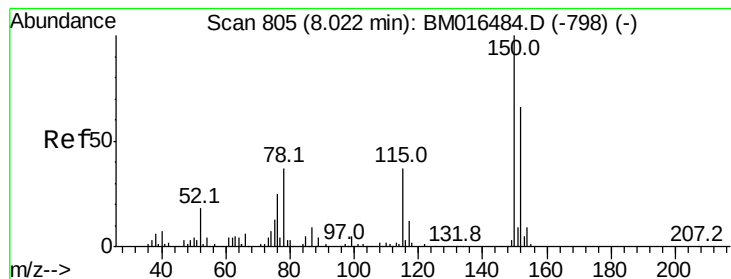
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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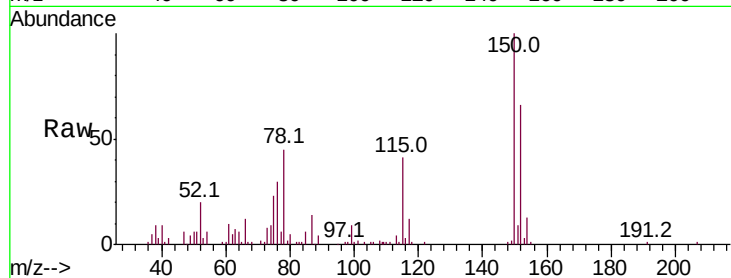


#1

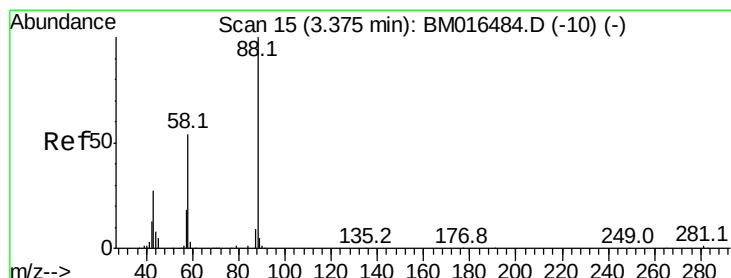
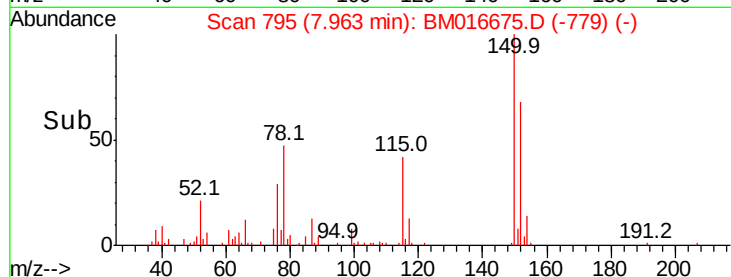
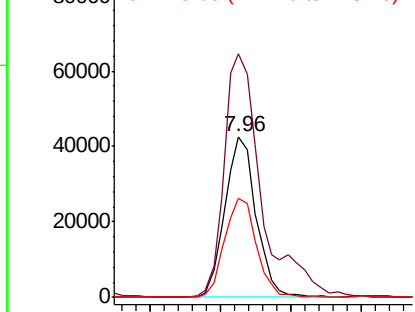
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

Tot Ion:152 Resp: 65356
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 62.1 43.0 64.4



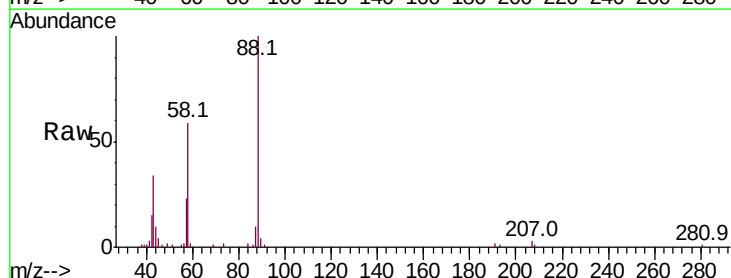
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



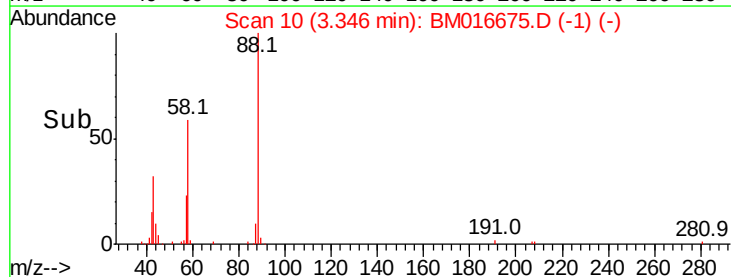
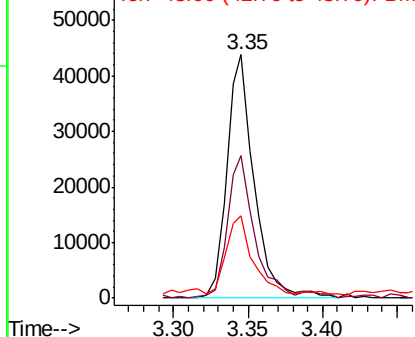
#2

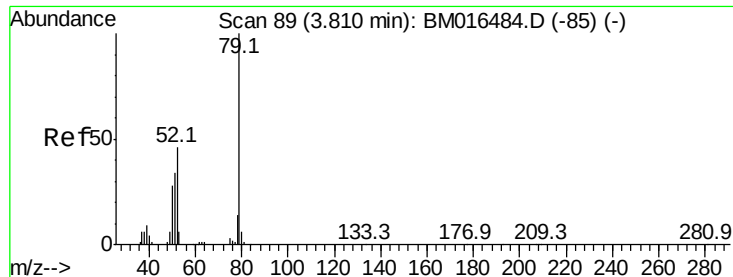
1,4-Dioxane
Concen: 30.481 ng
RT: 3.35 min Scan# 10
Delta R.T. 0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion: 88 Resp: 56163
Ion Ratio Lower Upper
88 100
58 57.6 0.0 0.0#
43 32.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.386 ng

RT: 3.78 min Scan# 84

Delta R.T. 0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

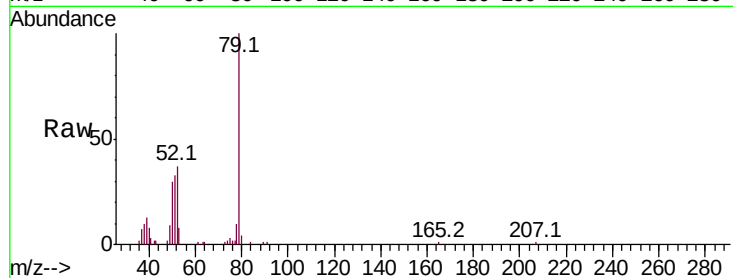
Tot Ion: 79 Resp: 104988

Ion Ratio Lower Upper

79 100

52 36.9 51.1 76.7#

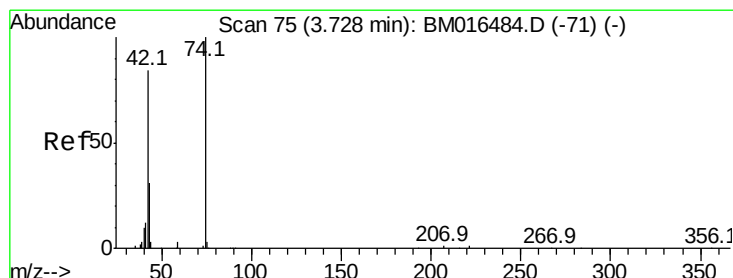
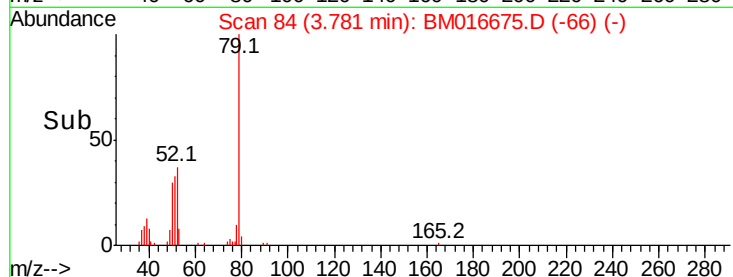
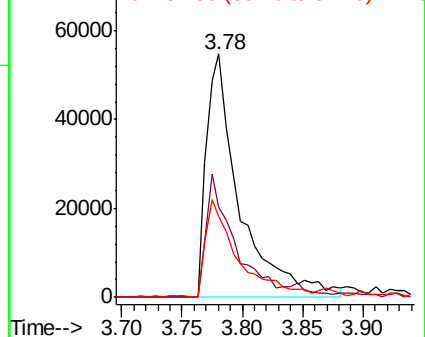
51 33.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 38.897 ng

RT: 3.69 min Scan# 69

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

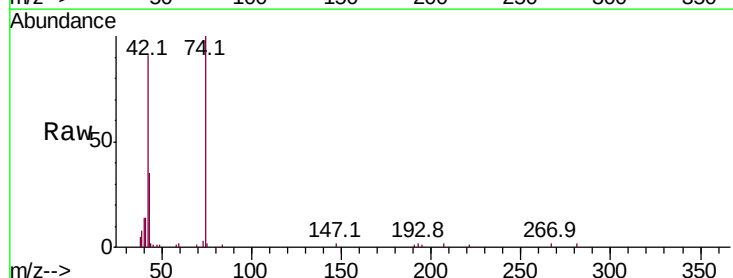
Tgt Ion: 42 Resp: 66430

Ion Ratio Lower Upper

42 100

74 109.9 119.3 178.9#

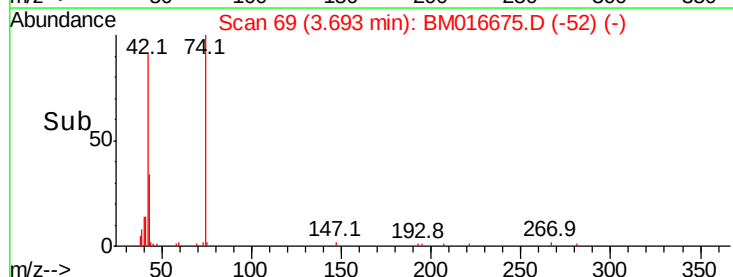
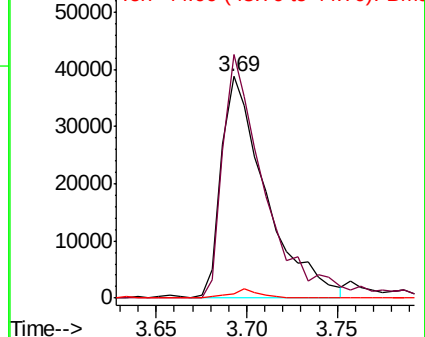
44 2.1 5.4 8.2#

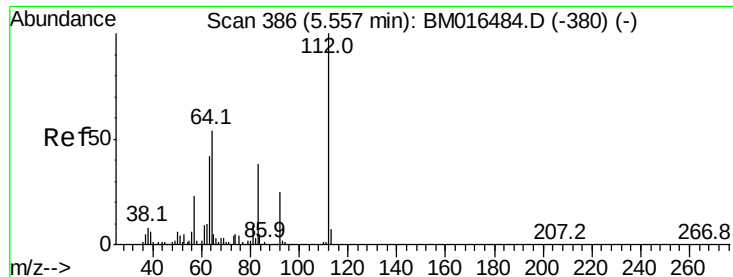


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 101.739 ng

RT: 5.51 min Scan# 378

Delta R.T. -0.01 min

Lab File: BM016675.D

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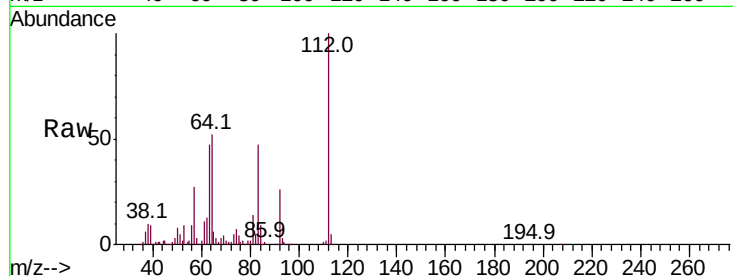
Tot Ion:112 Resp: 339321

Ion Ratio Lower Upper

112 100

64 52.4 38.6 57.8

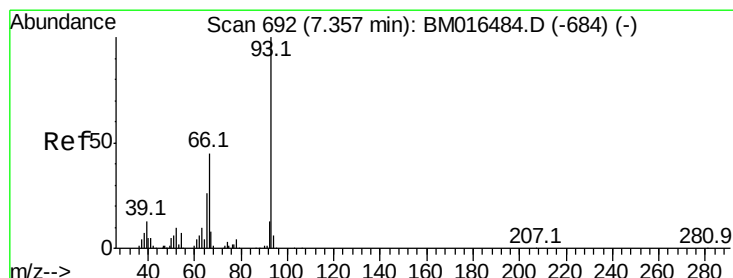
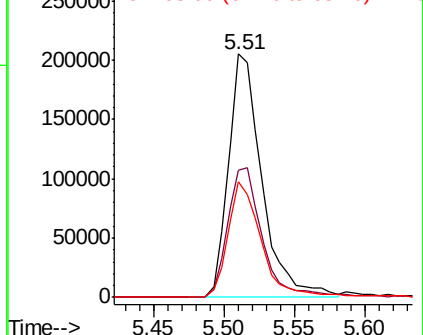
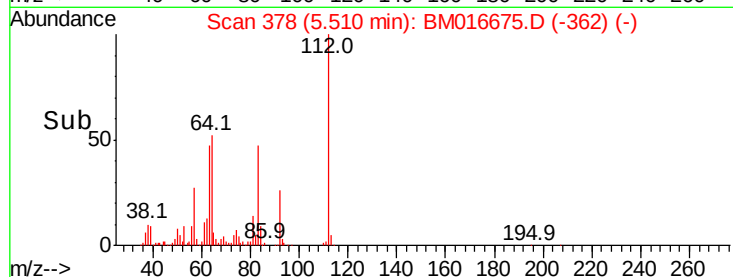
63 47.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.660 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

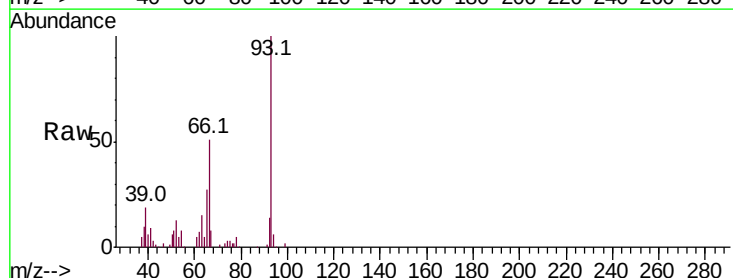
Tgt Ion: 93 Resp: 116848

Ion Ratio Lower Upper

93 100

66 51.3 30.8 46.2#

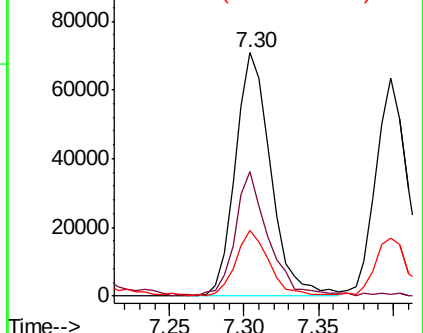
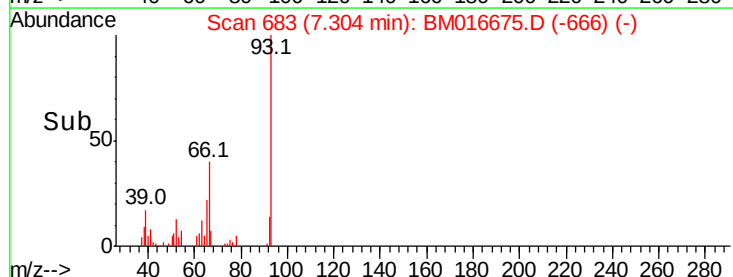
65 27.2 16.0 24.0#

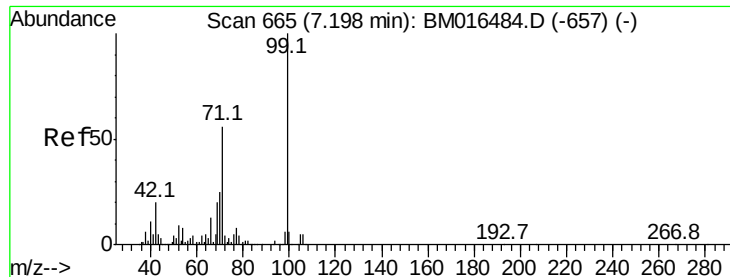


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 97.987 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.00 min

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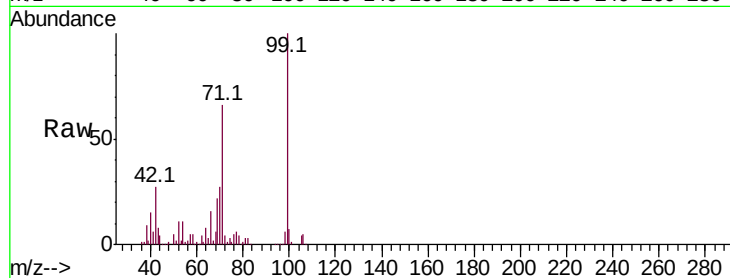
Tot Ion: 99 Resp: 432455

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

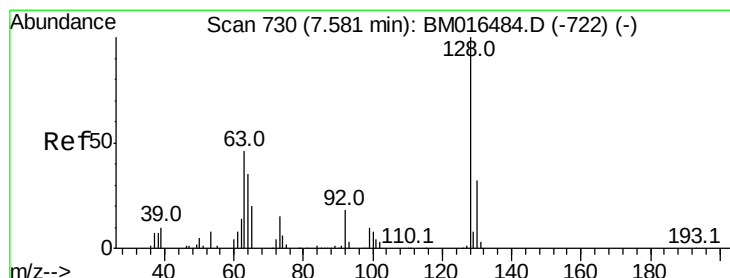
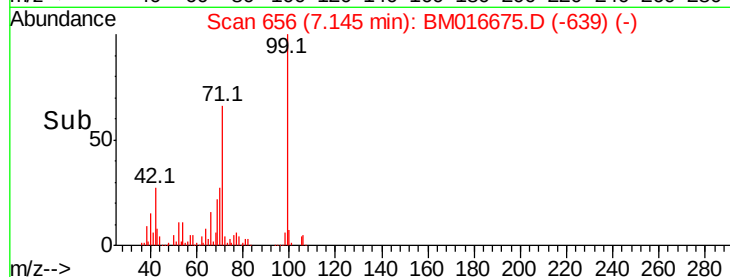
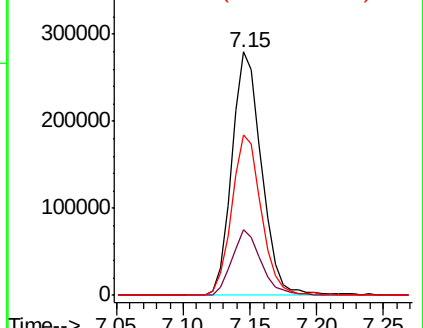
71 65.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016675.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM016675.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM016675.D (-639) (-)



#8

2-Chlorophenol

Concen: 32.168 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

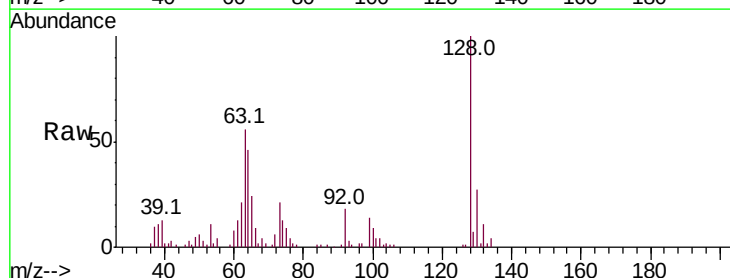
Tgt Ion: 128 Resp: 127663

Ion Ratio Lower Upper

128 100

130 27.2 12.0 52.0

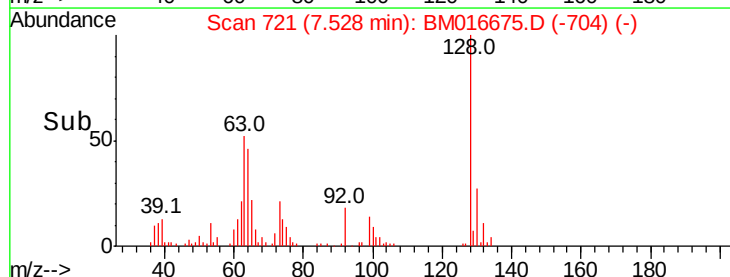
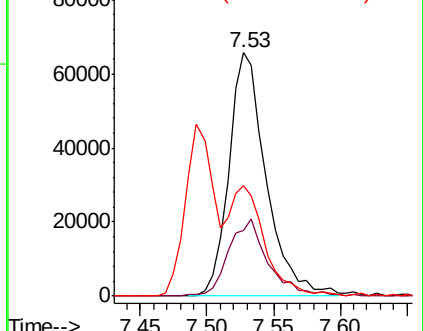
64 45.5 24.9 64.9

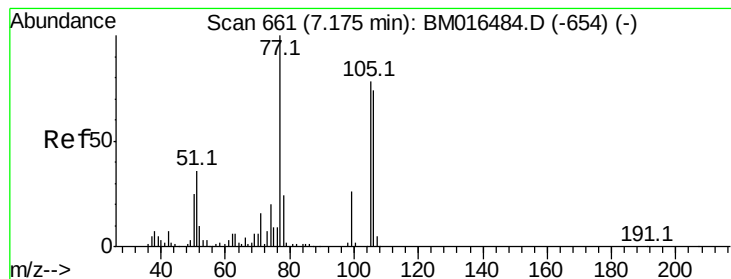


Abundance Ion 128.00 (127.70 to 128.70): BM016675.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM016675.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM016675.D (-704) (-)





#9

Benzaldehyde

Concen: 27.157 ng

RT: 7.13 min Scan# 653

Delta R.T. -0.00 min

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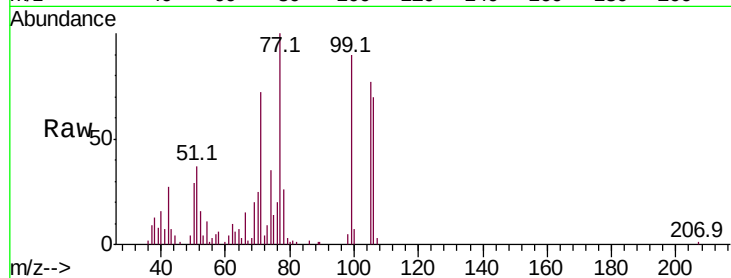
Tot Ion: 77 Resp: 83179

Ion Ratio Lower Upper

77 100

105 77.1 78.8 118.8#

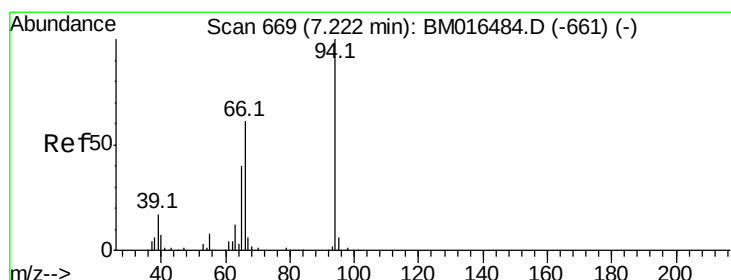
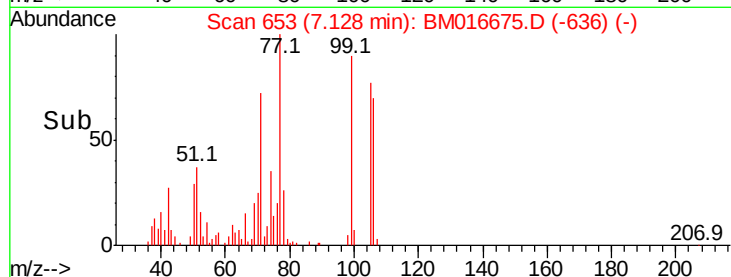
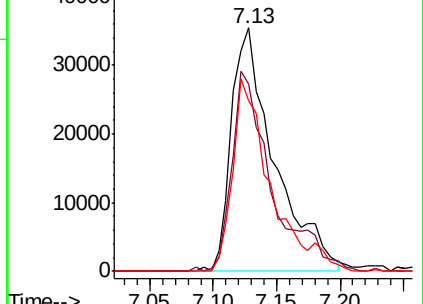
106 70.3 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016484.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016484.D (-654) (-)



#10

Phenol

Concen: 30.379 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

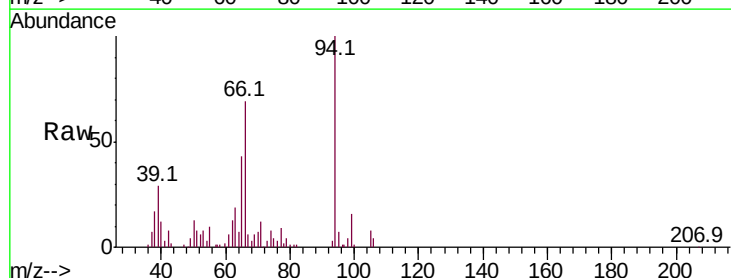
Tgt Ion: 94 Resp: 132592

Ion Ratio Lower Upper

94 100

65 43.1 18.8 58.8

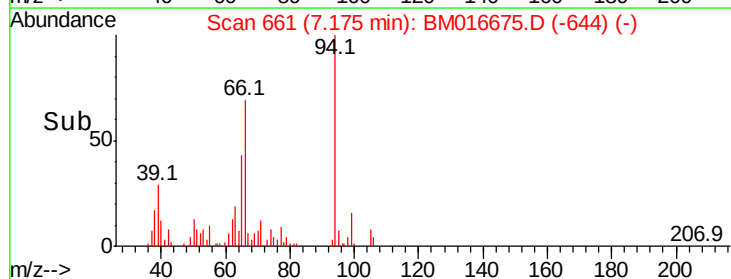
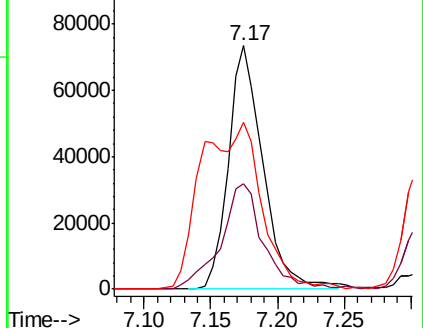
66 68.7 39.9 79.9

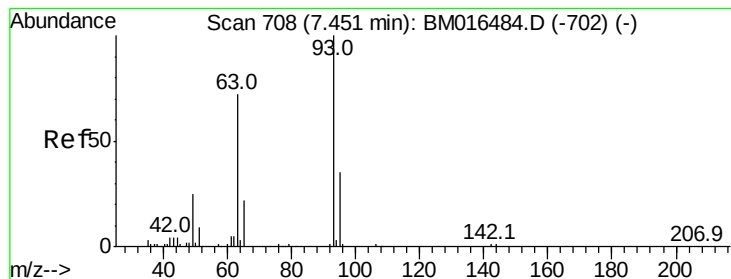


Abundance Ion 94.00 (93.70 to 94.70): BM016484.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016484.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 28.617 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

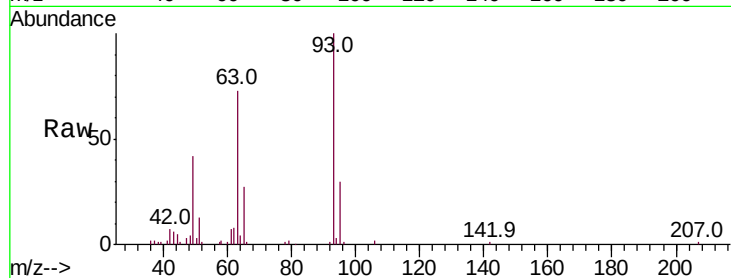
Tot Ion: 93 Resp: 93660

Ion	Ratio	Lower	Upper
93	100		
63	73.4	49.5	89.5
95	30.2	13.5	53.5

93 100

63 73.4 49.5 89.5

95 30.2 13.5 53.5



Abundance

Ion 93.00 (92.70 to 93.70): BM016675.D (-682) (-)

Ion 63.00 (62.70 to 63.70): BM016675.D (-682) (-)

Ion 95.00 (94.70 to 95.70): BM016675.D (-682) (-)

80000

60000

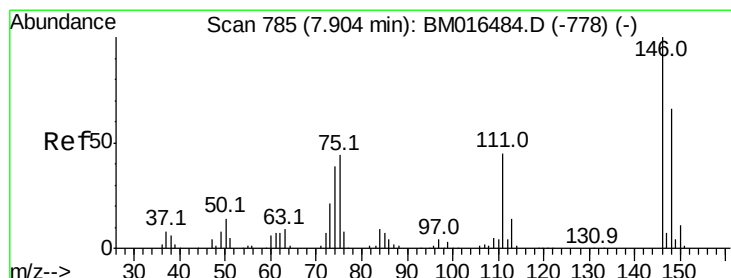
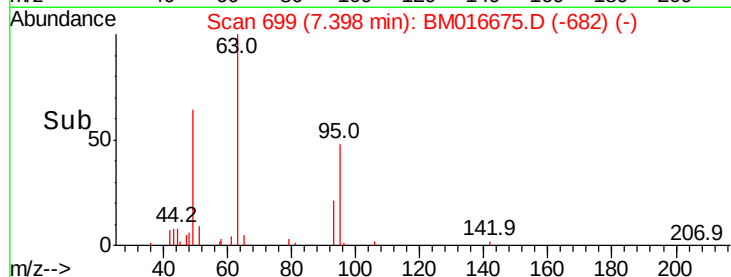
40000

20000

0

7.35 7.40 7.45

Time-->



#12

1,3-Dichlorobenzene

Concen: 28.801 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

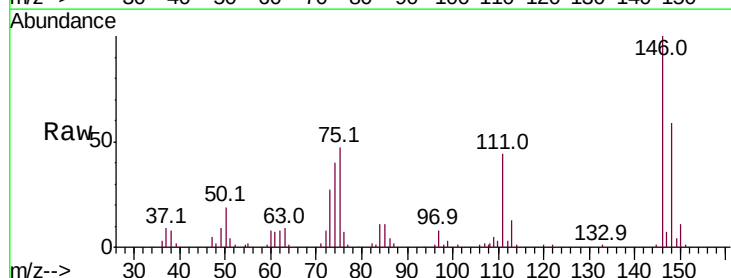
Tgt Ion: 146 Resp: 151540

Ion	Ratio	Lower	Upper
146	100		
148	58.8	50.9	76.3
75	47.2	21.4	32.2

146 100

148 58.8 50.9 76.3

75 47.2 21.4 32.2



Abundance

Ion 146.00 (145.70 to 146.70): BM016675.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM016675.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM016675.D (-759) (-)

120000

100000

80000

60000

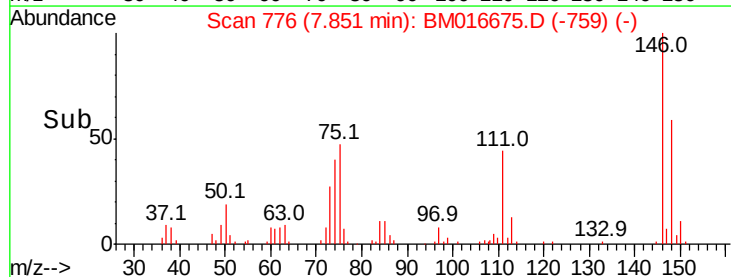
40000

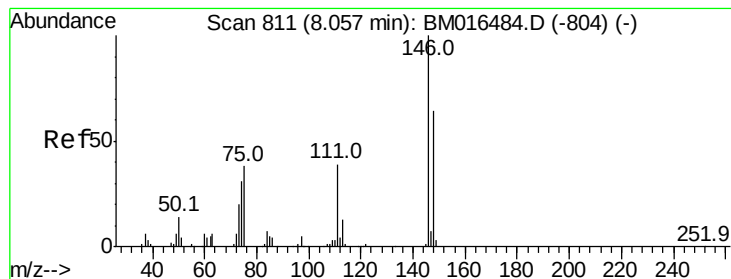
20000

0

7.75 7.80 7.85 7.90 7.95

Time-->





#13

1,4-Dichlorobenzene

Concen: 29.171 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

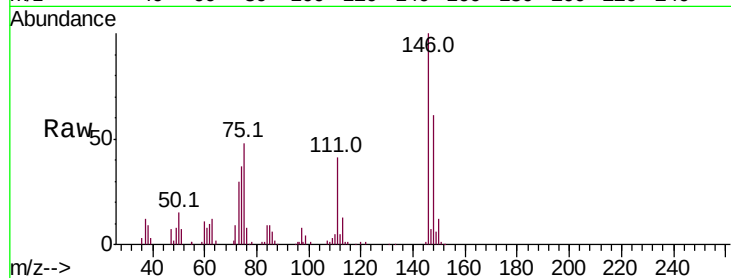
Tot Ion:146 Resp: 157518

Ion Ratio Lower Upper

146 100

148 61.4 51.9 77.9

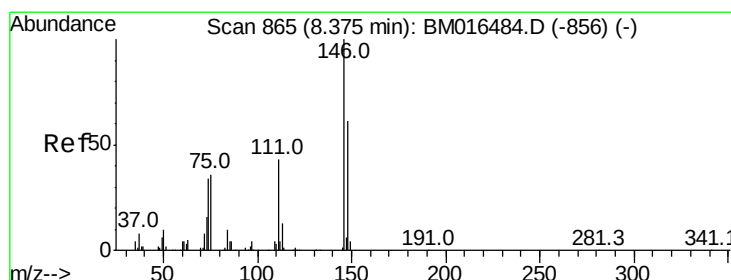
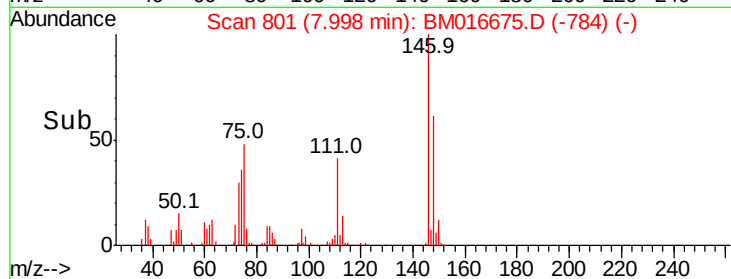
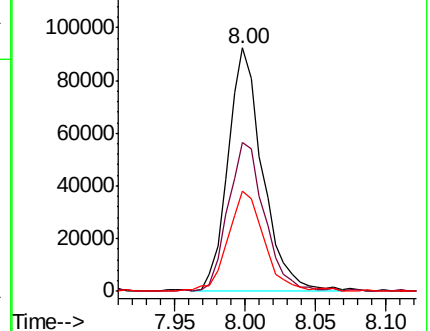
111 41.1 29.2 43.8



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: 28.665 ng

RT: 8.32 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

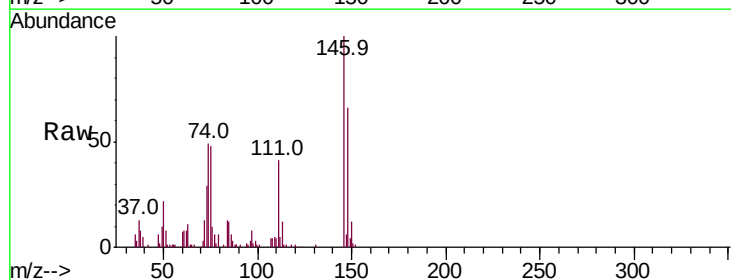
Tgt Ion:146 Resp: 152066

Ion Ratio Lower Upper

146 100

148 66.0 52.3 78.5

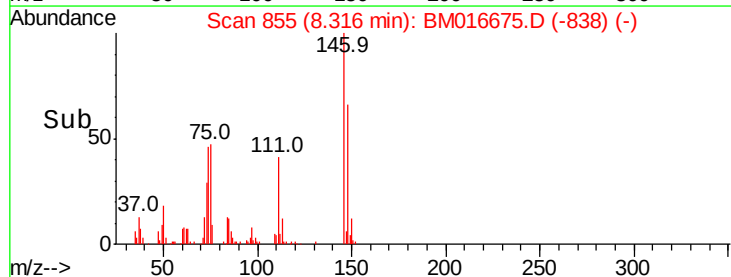
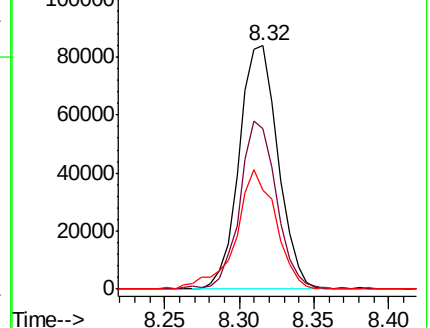
111 40.5 30.6 45.8

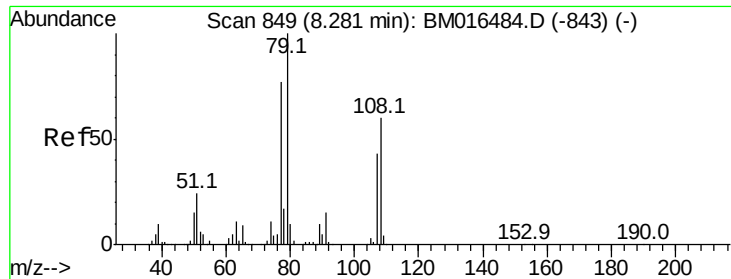


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.966 ng

RT: 8.23 min Scan# 841

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

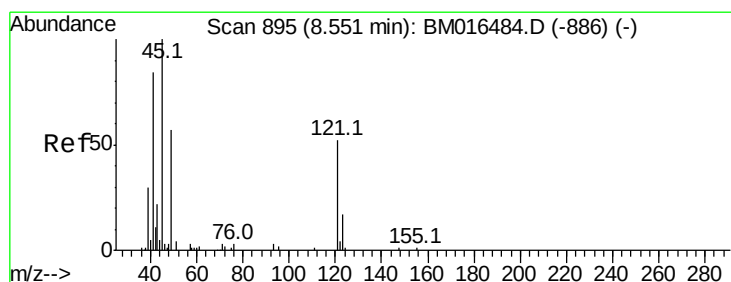
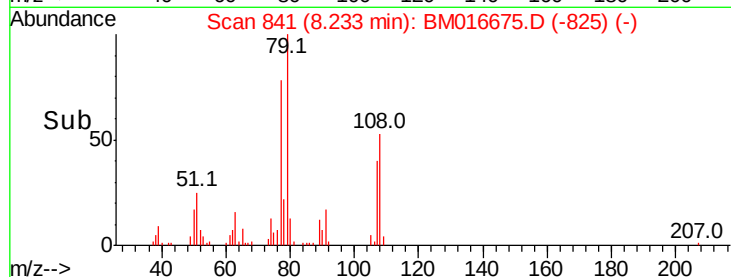
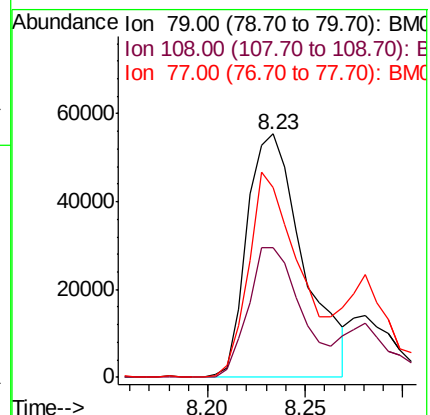
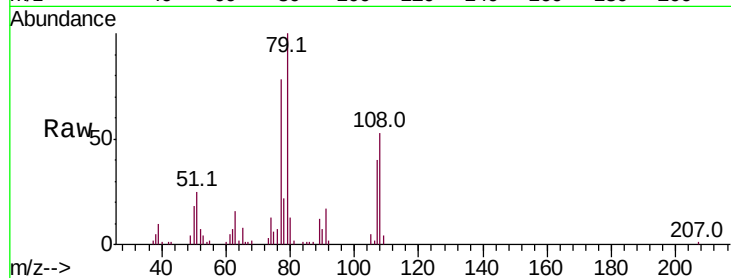
Tot Ion: 79 Resp: 110520

Ion Ratio Lower Upper

79 100

108 53.4 65.0 97.4#

77 78.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.904 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

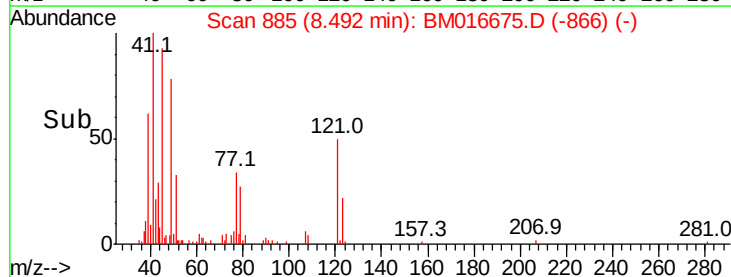
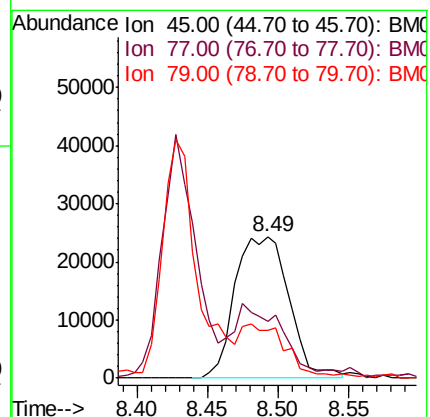
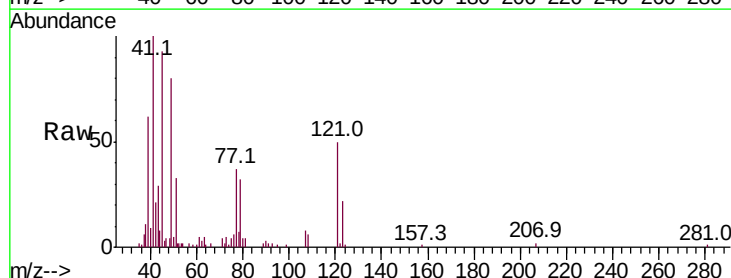
Tgt Ion: 45 Resp: 65138

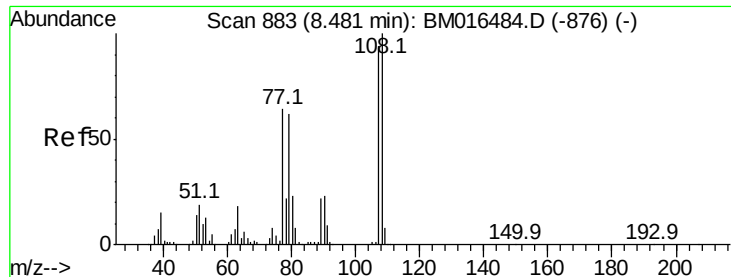
Ion Ratio Lower Upper

45 100

77 39.9 0.0 35.2#

79 34.1 0.0 32.0#

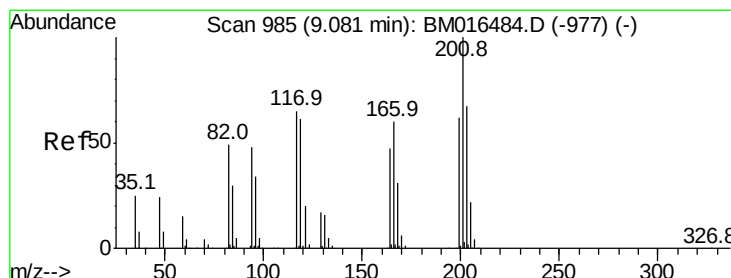
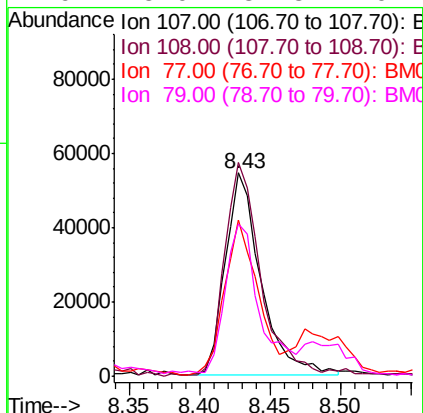
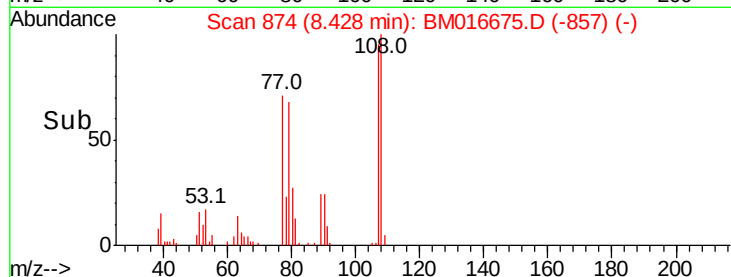
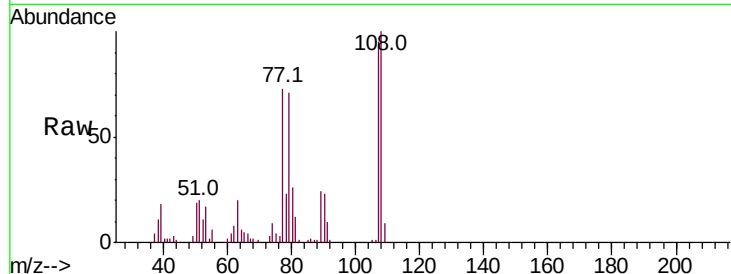




#17
2-Methylphenol
Concen: 30.103 ng
RT: 8.43 min Scan# 874
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

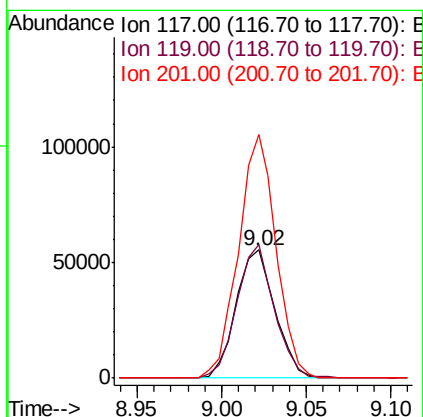
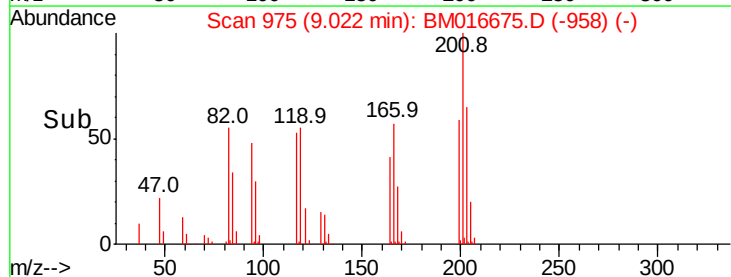
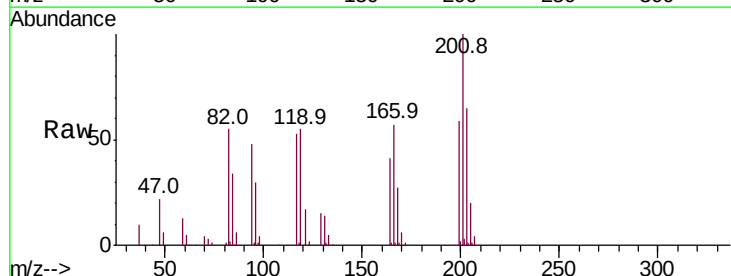
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

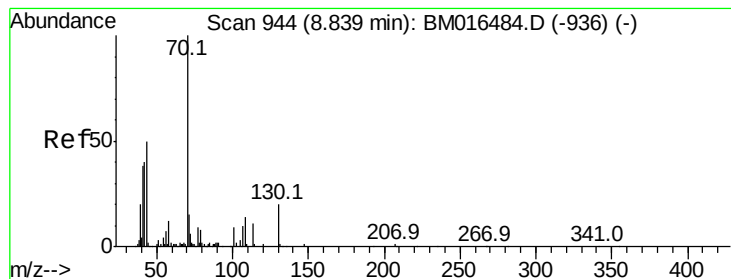
Tot Ion:107 Resp: 95144
Ion Ratio Lower Upper
107 100
108 105.2 89.8 134.8
77 76.7 32.6 48.8#
79 75.0 32.8 49.2#



#18
Hexachloroethane
Concen: 35.562 ng
RT: 9.02 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion:117 Resp: 88465
Ion Ratio Lower Upper
117 100
119 104.3 79.2 118.8
201 190.3 69.8 104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 28.227 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

Tot Ion: 70 Resp: 97673

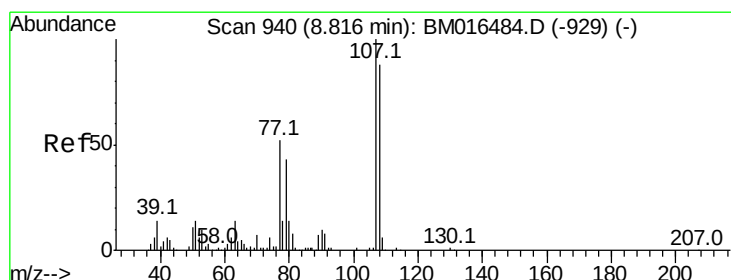
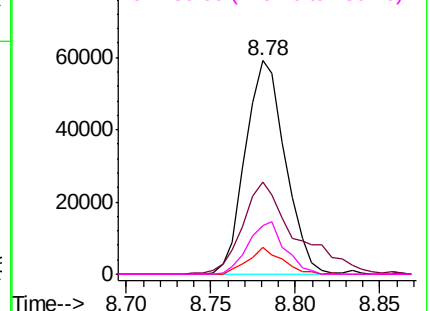
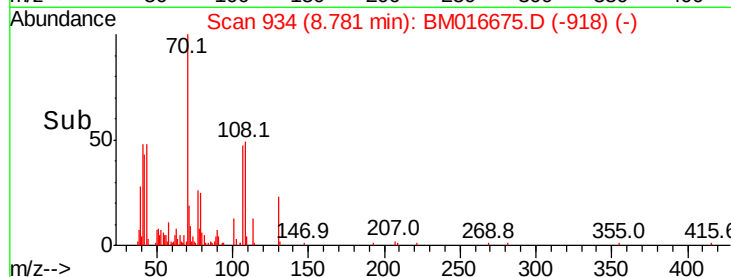
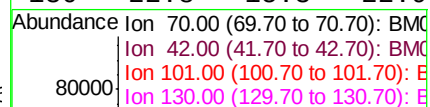
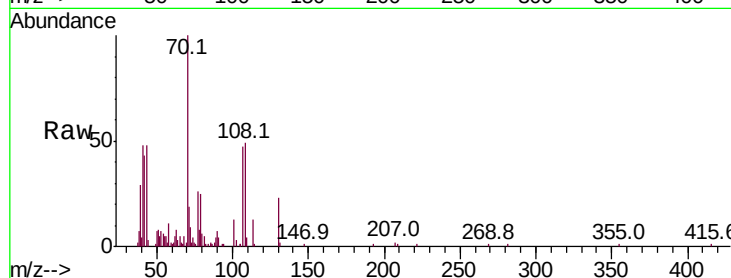
Ion Ratio Lower Upper

70 100

42 43.2 44.5 66.7#

101 12.7 7.4 11.2#

130 22.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 27.537 ng

RT: 8.76 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Tgt Ion:107 Resp: 120338

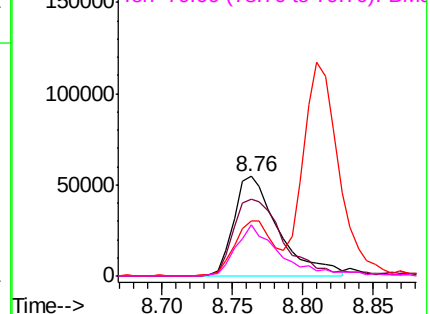
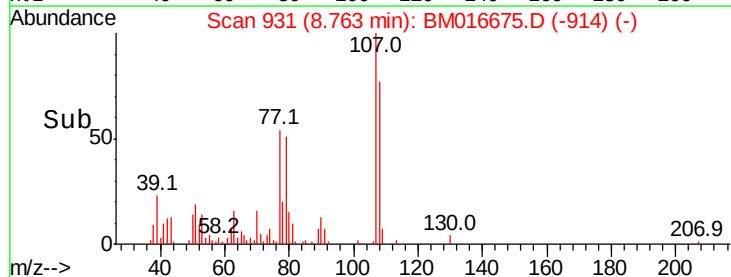
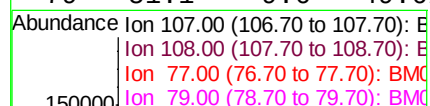
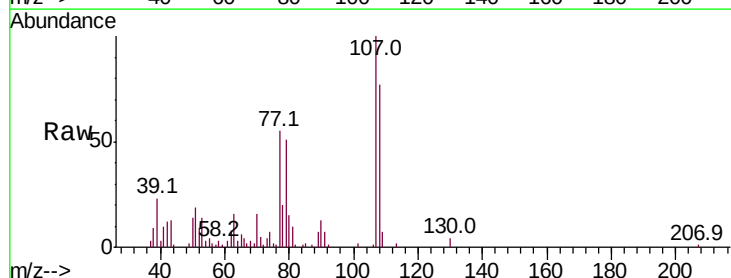
Ion Ratio Lower Upper

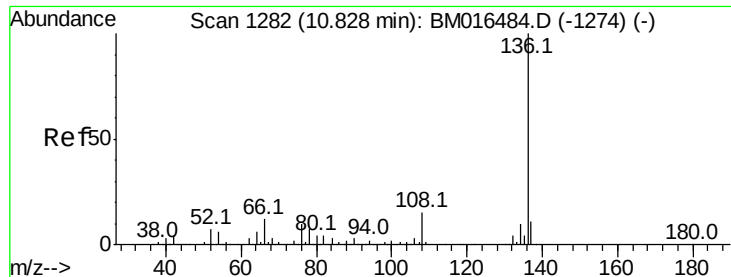
107 100

108 77.3 73.2 113.2

77 54.7 10.7 50.7#

79 51.1 9.6 49.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

Tot Ion:136 Resp: 238784

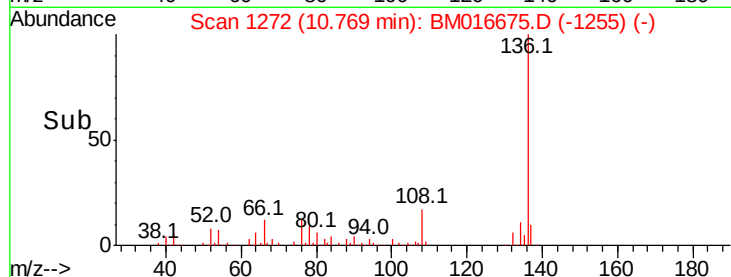
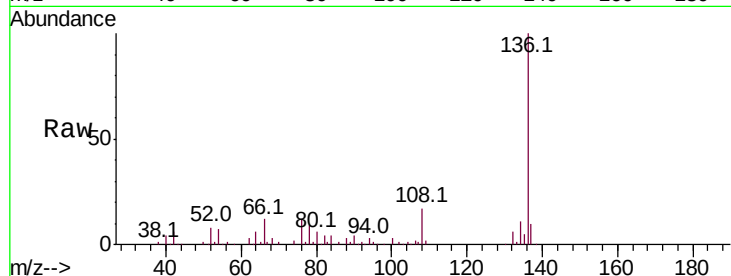
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 6.7 4.6 6.8

68 3.1 3.7 5.5#

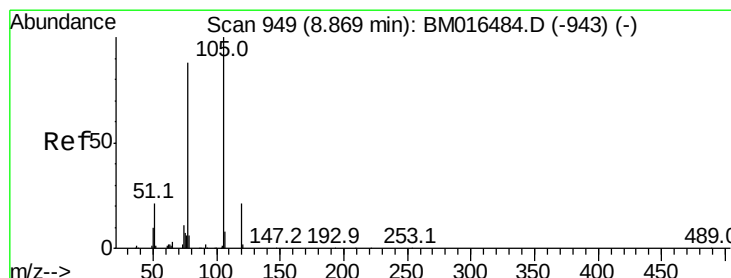
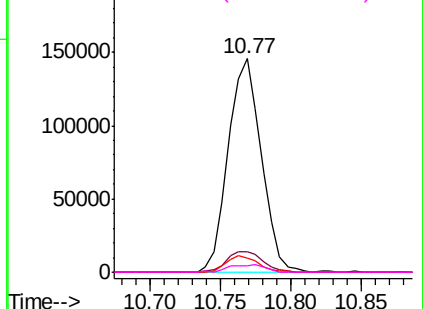


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 33.482 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Tgt Ion:105 Resp: 192520

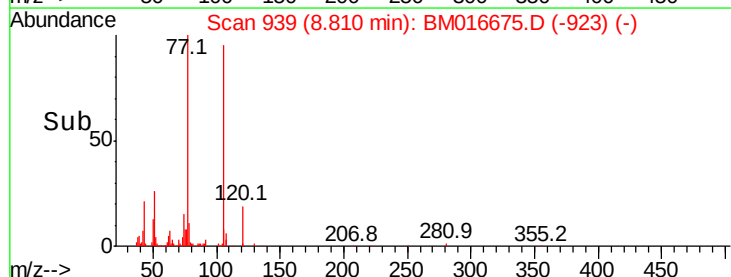
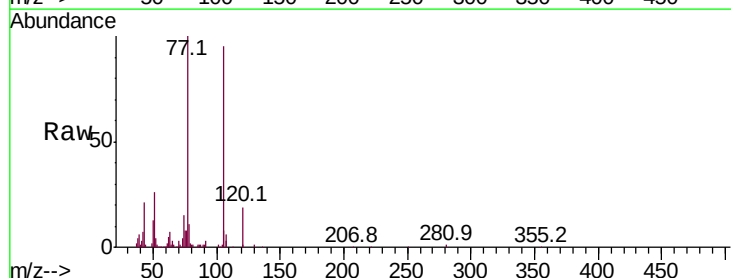
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 26.9 21.6 32.4

120 19.7 16.1 24.1

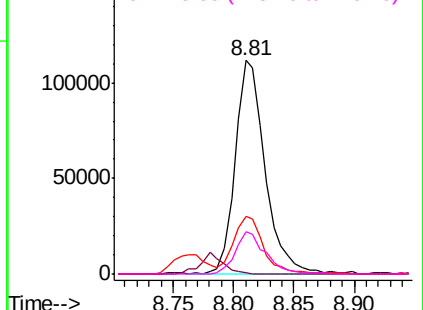


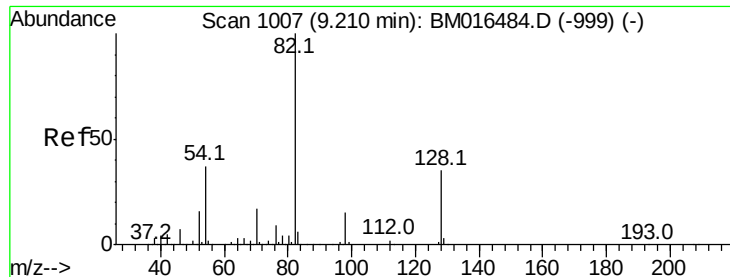
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

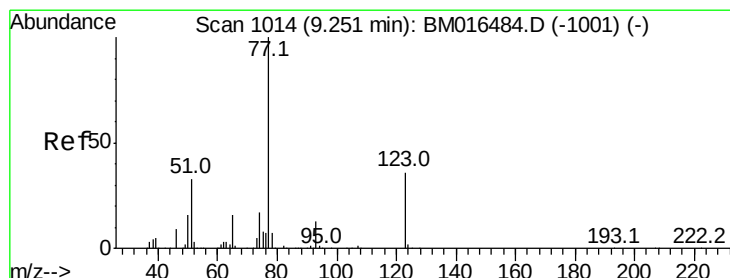
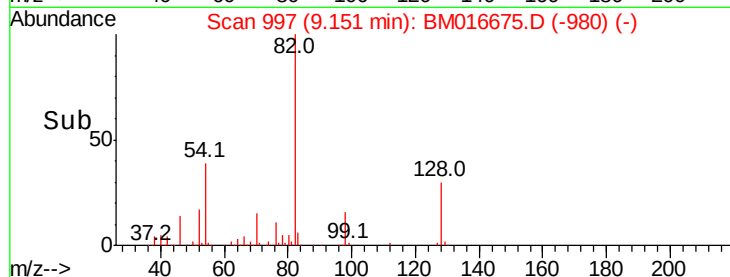
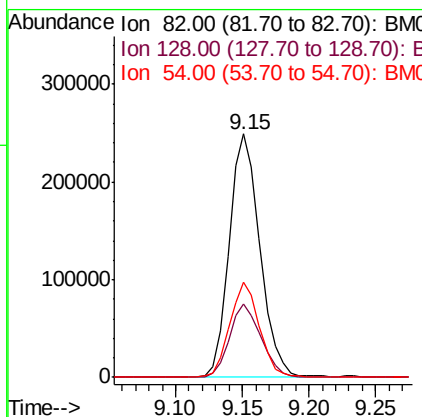
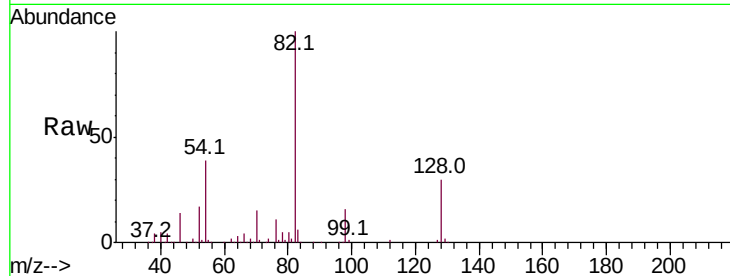




#23
 Nitrobenzene-d5
 Concen: 76.446 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

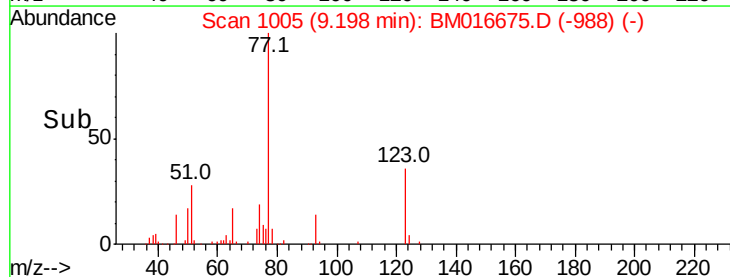
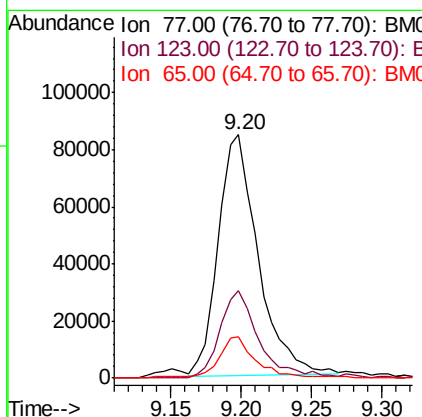
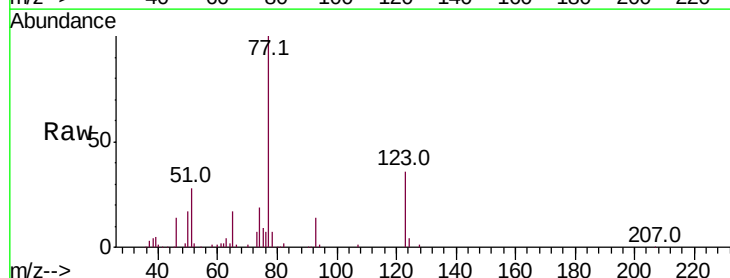
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

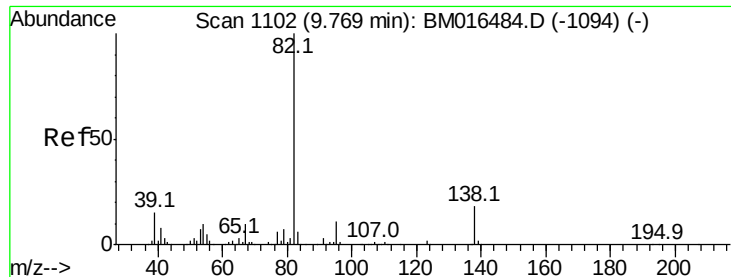
Tot Ion	82	Resp	399794
Ion	Ratio	Lower	Upper
82	100		
128	30.2	32.8	49.2#
54	39.2	40.6	60.8#



#24
 Nitrobenzene
 Concen: 31.769 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	77	Resp	166000
Ion	Ratio	Lower	Upper
77	100		
123	35.9	32.6	49.0
65	16.9	10.9	16.3#





#25

Isophorone

Concen: 36.494 ng

RT: 9.71 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

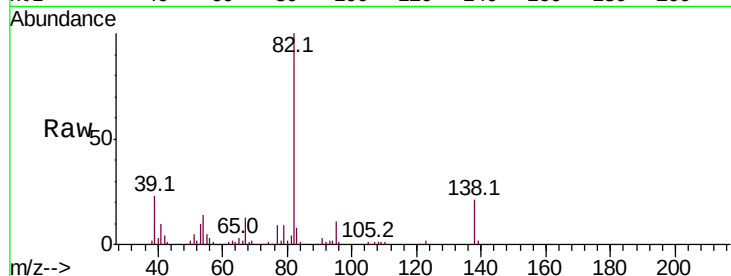
Tot Ion: 82 Resp: 255075

Ion Ratio Lower Upper

82 100

95 11.4 5.8 8.6#

138 20.8 16.3 24.5

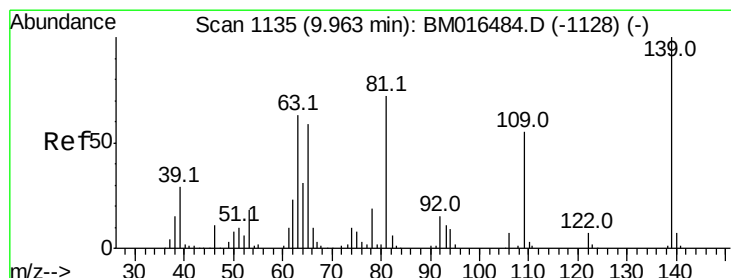
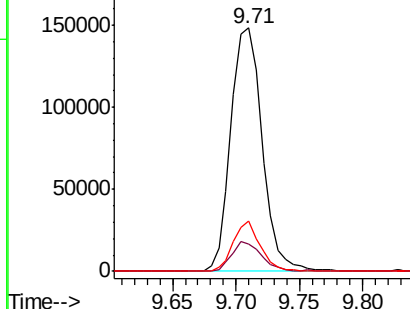
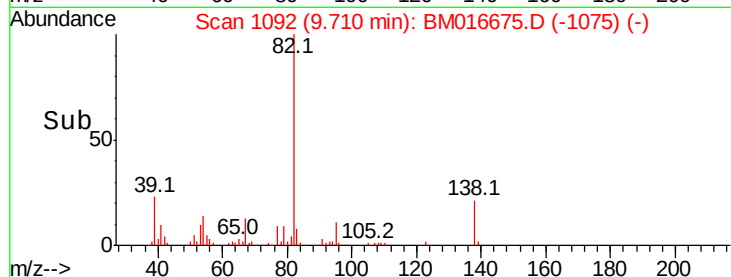


Abundance Ion 82.00 (81.70 to 82.70): BM016675.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016675.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016675.D (-1094) (-)

Time-->



#26

2-Nitrophenol

Concen: 32.738 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

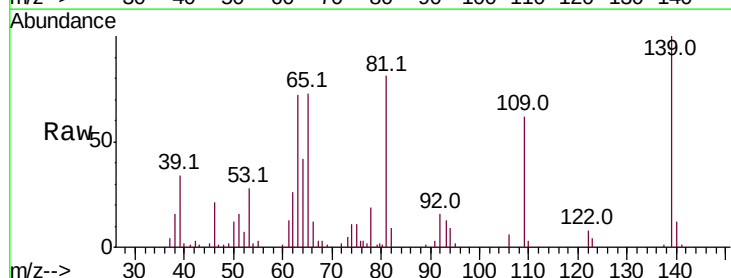
Tgt Ion: 139 Resp: 73131

Ion Ratio Lower Upper

139 100

109 62.1 20.1 30.1#

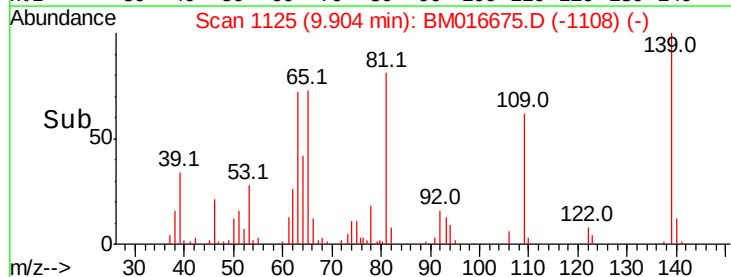
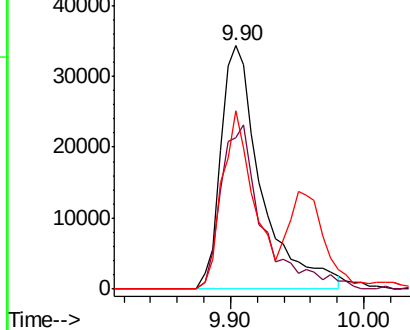
65 73.1 31.5 47.3#

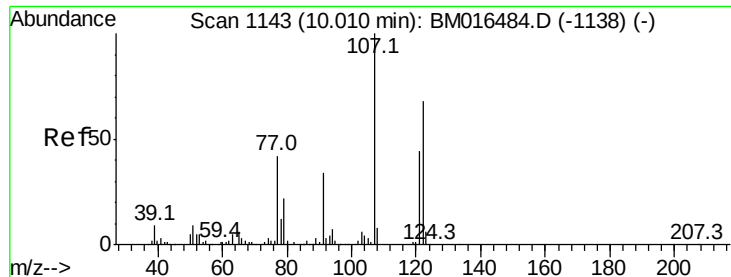


Abundance Ion 139.00 (138.70 to 139.70): BM016675.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016675.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016675.D (-1128) (-)

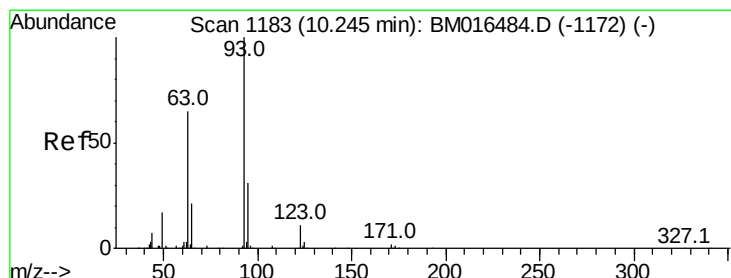
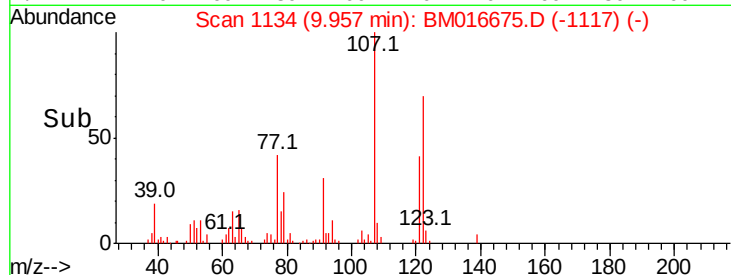
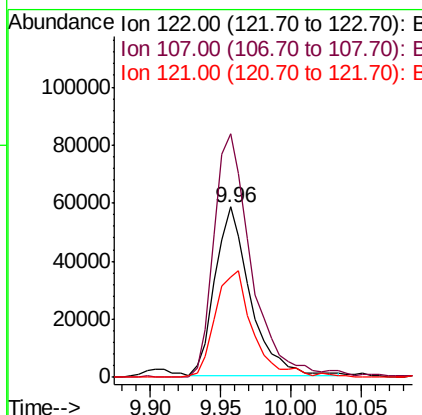
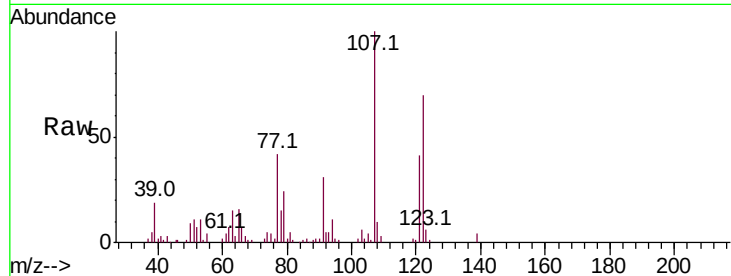




#27
2,4-Dimethylphenol
Concen: 34.792 ng
RT: 9.96 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

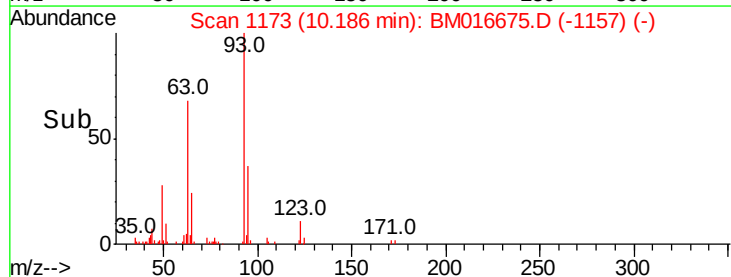
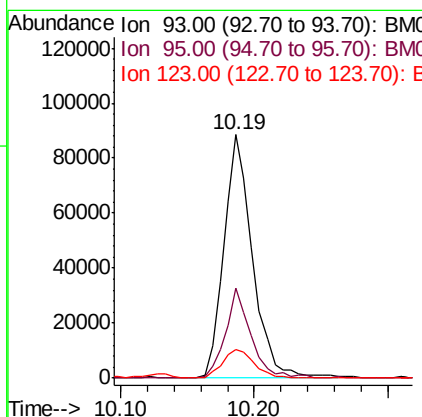
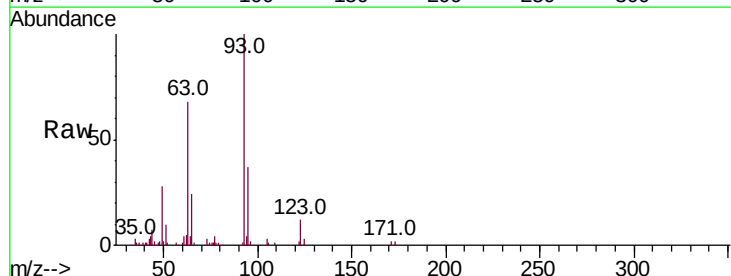
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

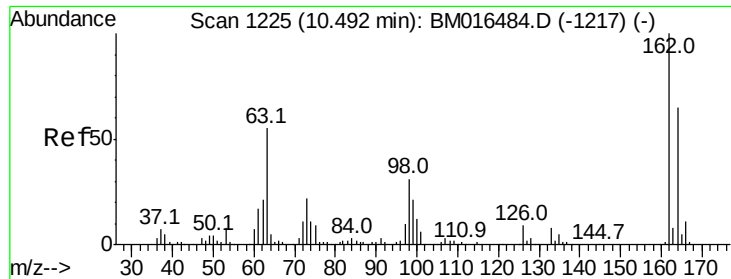
Tot Ion:122 Resp: 101284
Ion Ratio Lower Upper
122 100
107 142.9 84.7 127.1#
121 58.6 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 31.859 ng
RT: 10.19 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion: 93 Resp: 132928
Ion Ratio Lower Upper
93 100
95 36.9 25.5 38.3
123 11.8 8.6 13.0

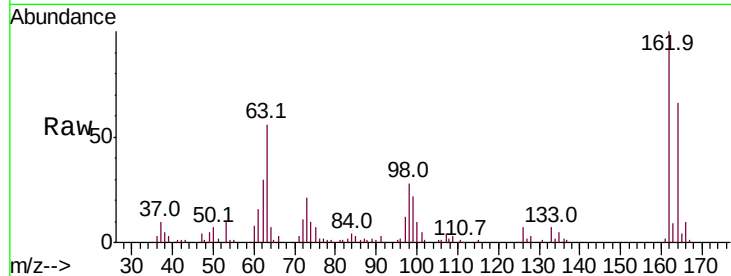




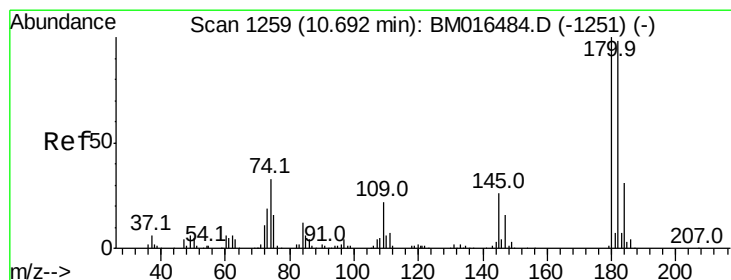
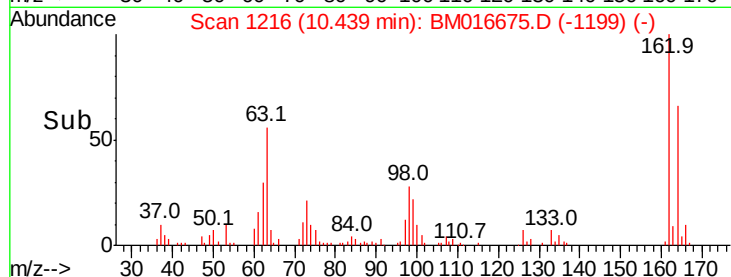
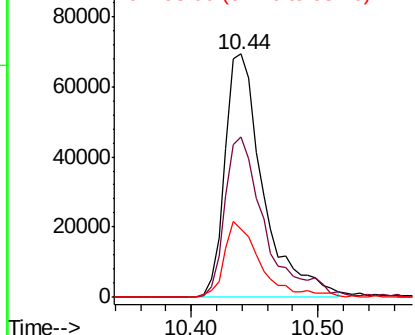
#29
 2,4-Dichlorophenol
 Concen: 33.352 ng
 RT: 10.44 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.8	82.8
98	28.1	14.5	54.5

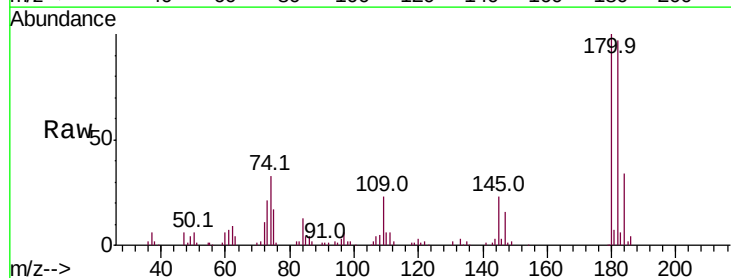


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

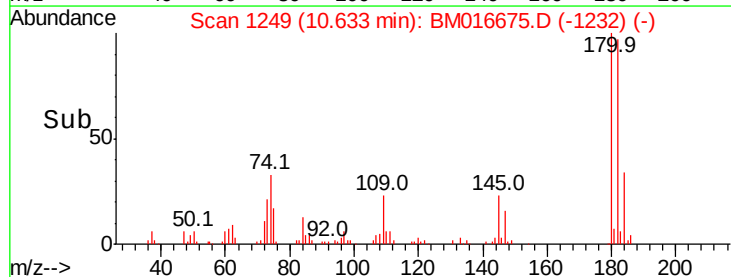
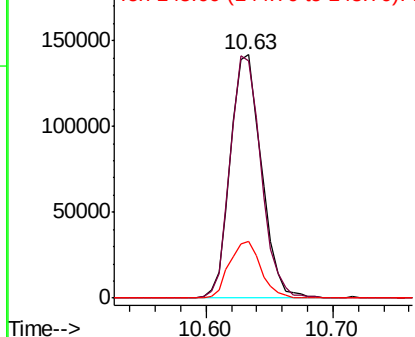


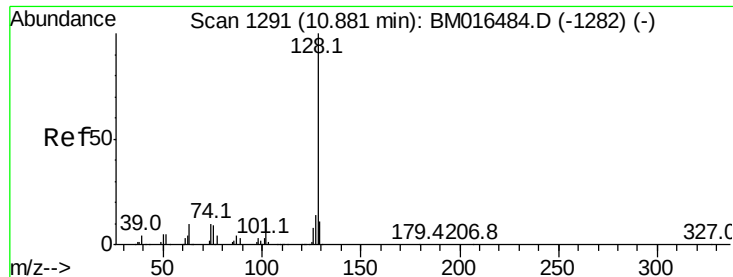
#30
 1,2,4-Trichlorobenzene
 Concen: 36.370 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.6	116.4
145	23.1	23.4	35.2#



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

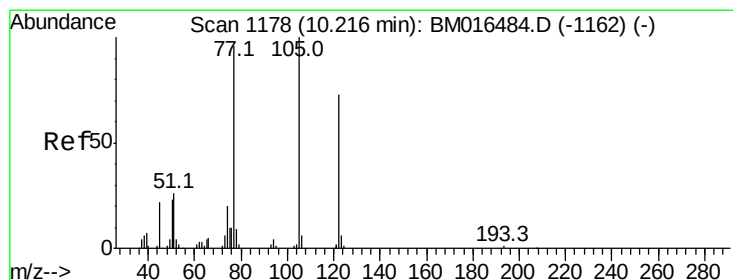
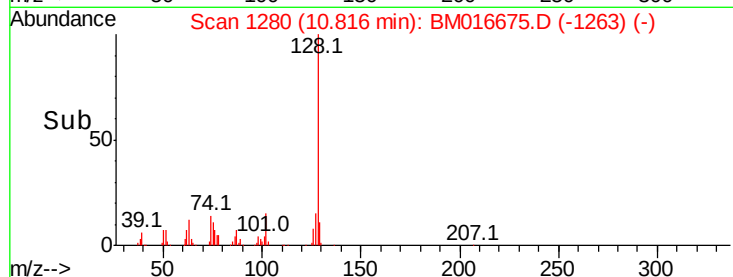
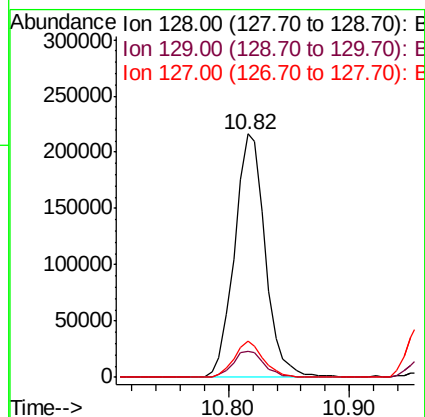
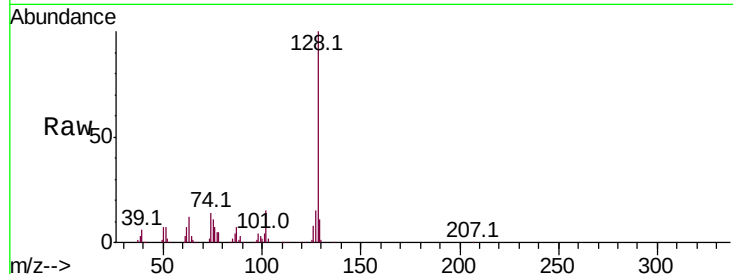




#31
Naphthalene
Concen: 33.730 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

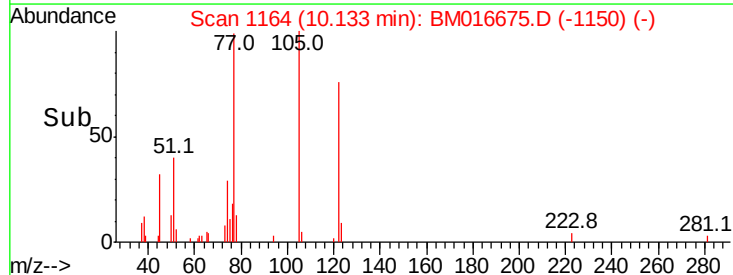
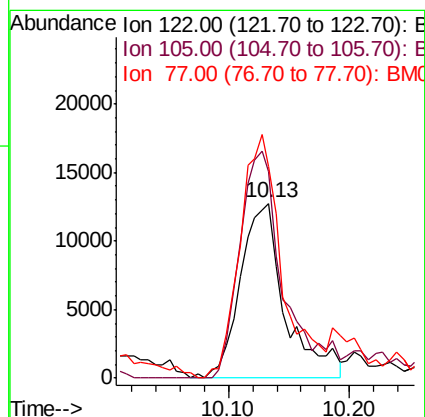
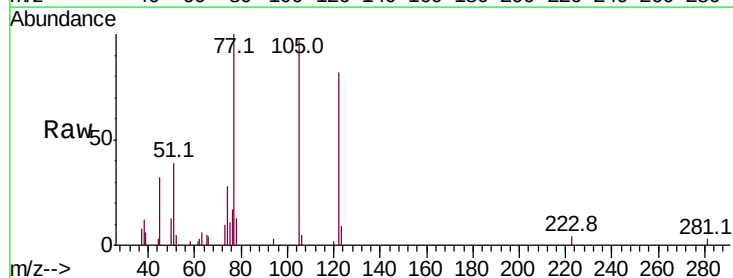
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

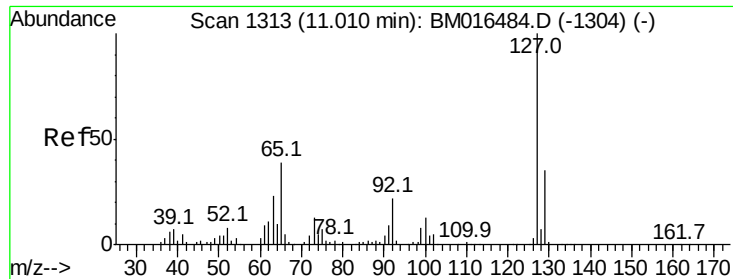
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	15.0	10.4	15.6



#32
Benzoic acid
Concen: 13.499 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	99.9	139.9
77	121.3	73.7	113.7#

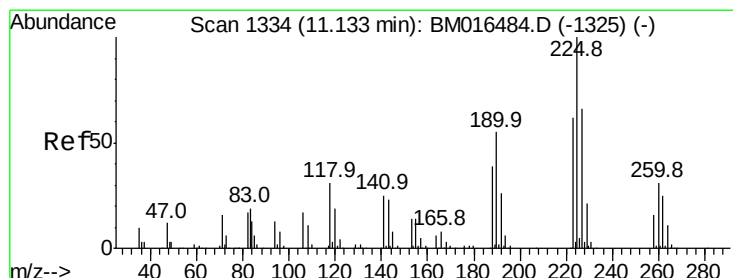
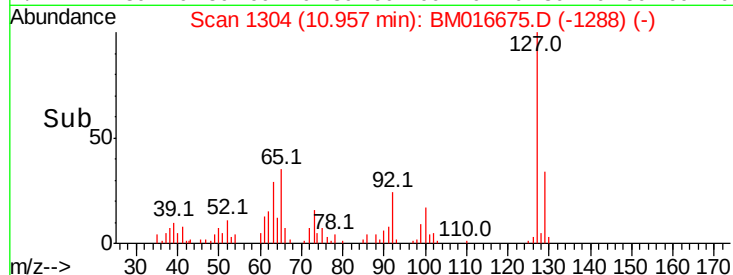
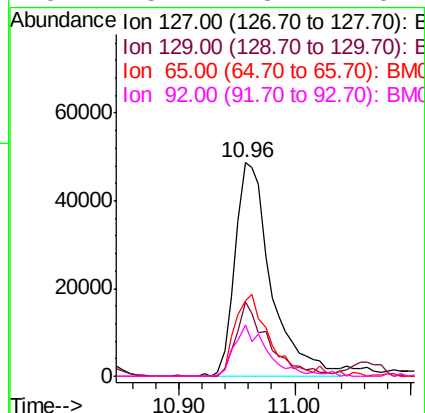
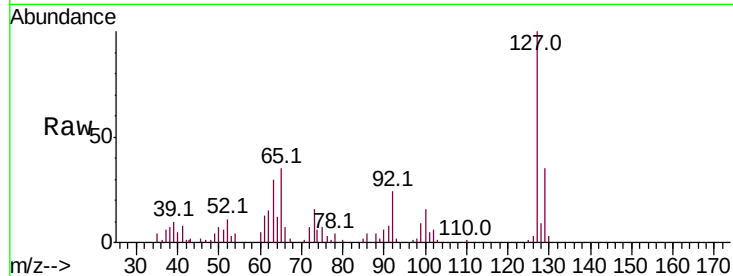




#33
4-Chloroaniline
Concen: 22.135 ng
RT: 10.96 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

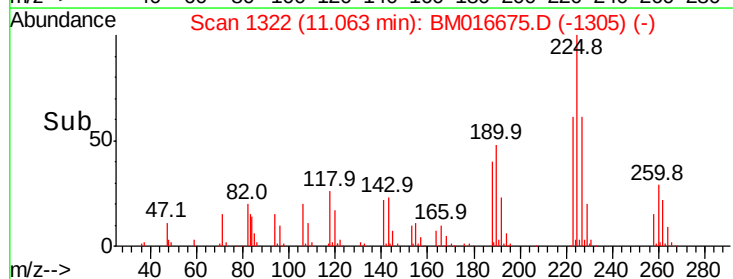
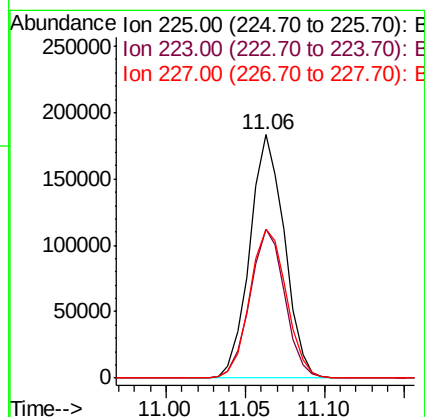
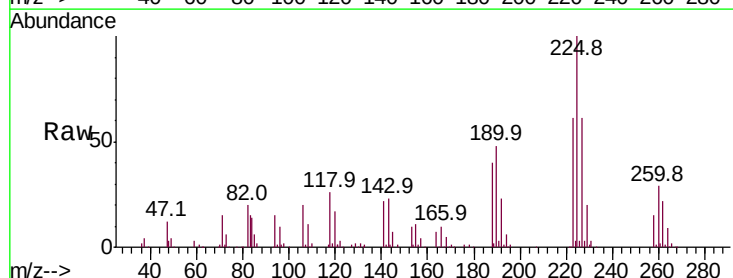
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

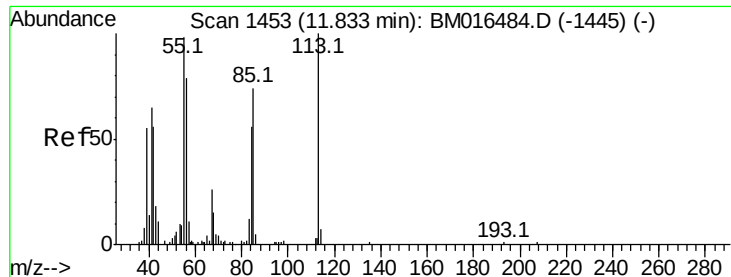
Tot Ion:	127	Resp:	105979
Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.3	37.9
65	35.2	17.6	26.4
92	23.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 44.200 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion:	225	Resp:	278904
Ion	Ratio	Lower	Upper
225	100		
223	60.9	47.9	71.9
227	60.9	50.1	75.1





#35

Caprolactam

Concen: 24.390 ng

RT: 11.77 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

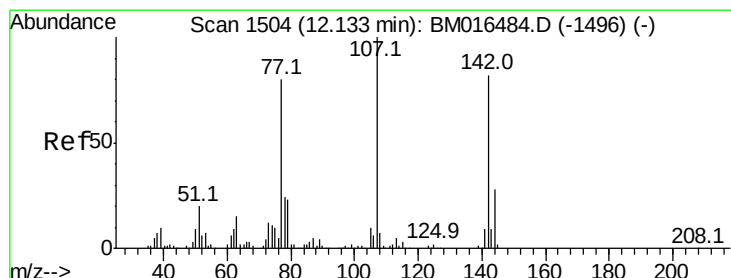
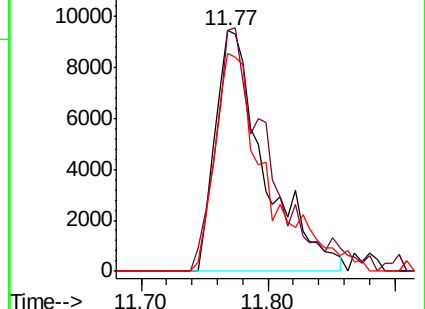
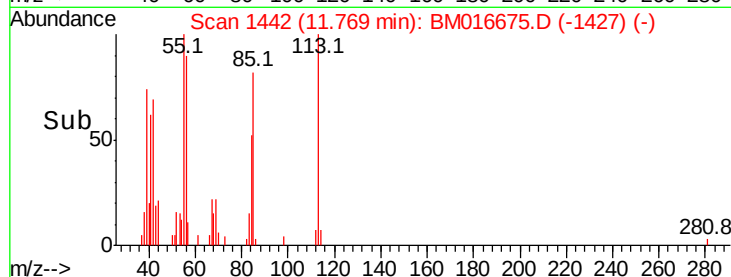
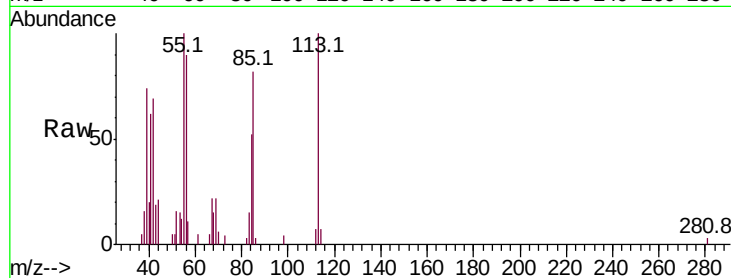
Tot Ion:113 Resp: 25499

Ion Ratio Lower Upper

113 100

55 100.1 145.9 185.9#

56 90.5 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 28.417 ng

RT: 12.08 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

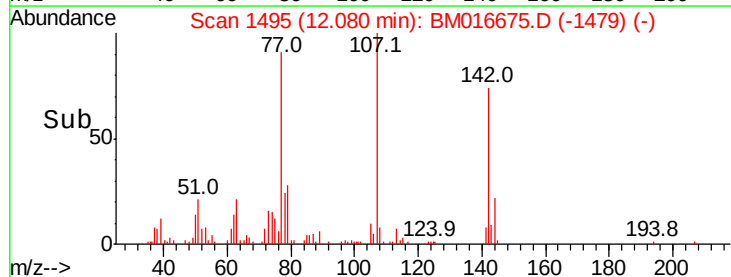
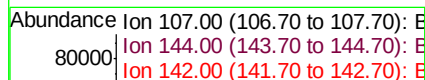
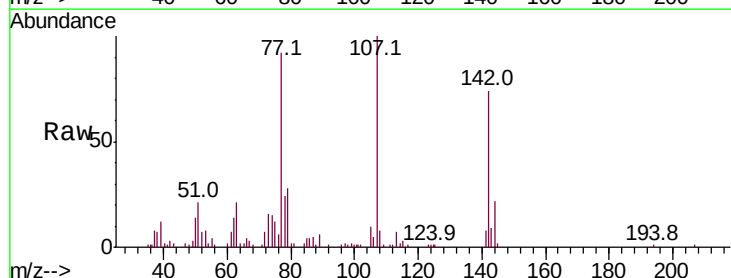
Tgt Ion:107 Resp: 119029

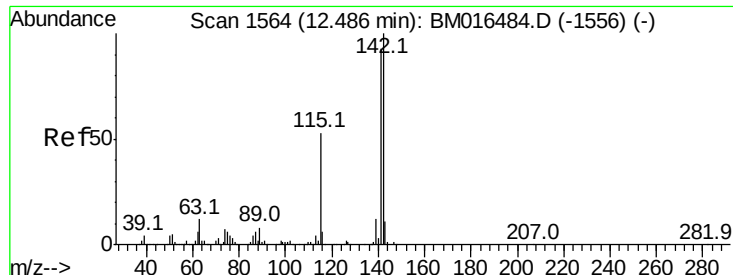
Ion Ratio Lower Upper

107 100

144 22.3 23.3 34.9#

142 74.2 72.6 109.0

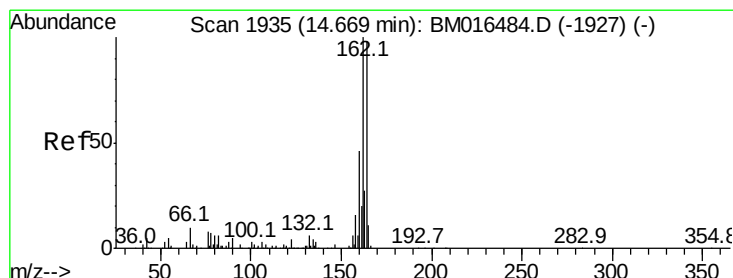
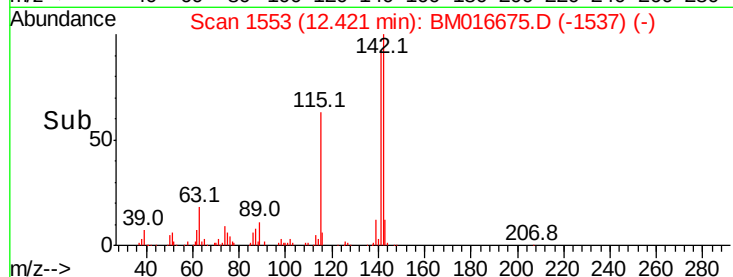
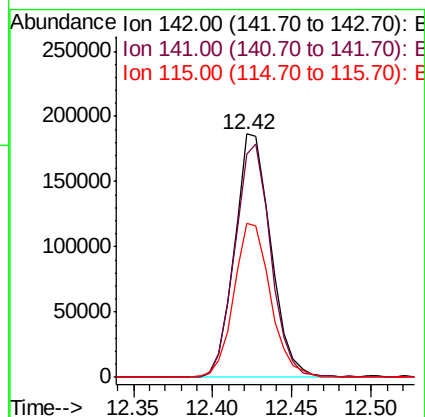
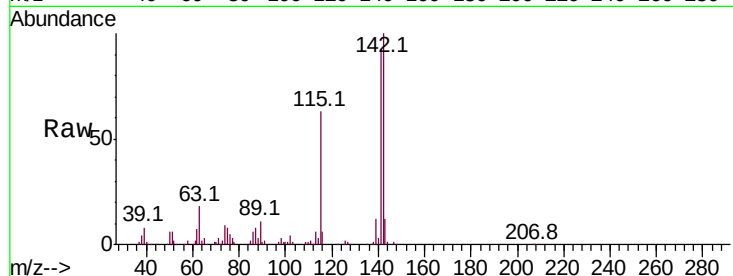




#37
2-Methylnaphthalene
Concen: 33.206 ng
RT: 12.42 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

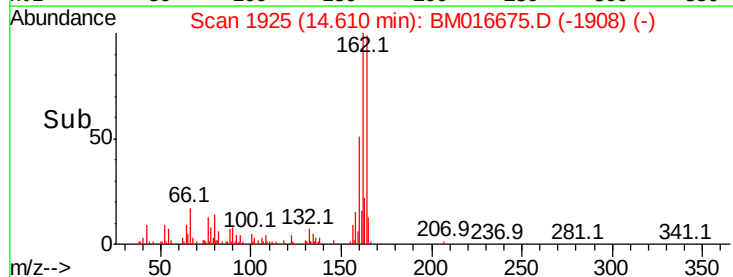
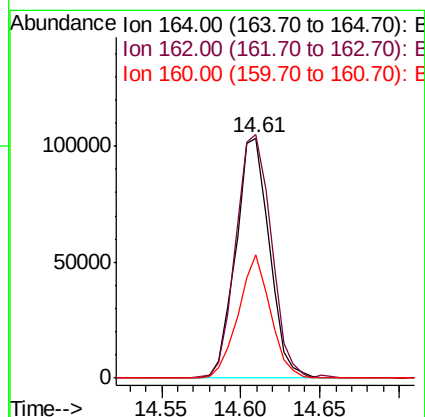
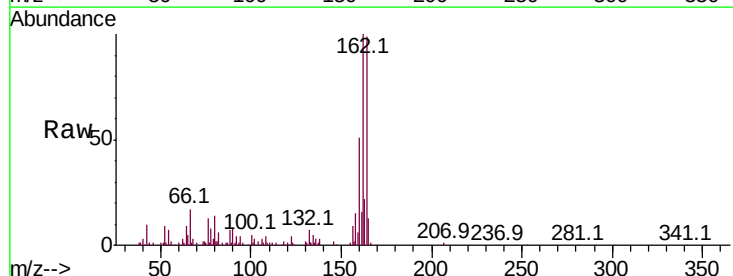
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

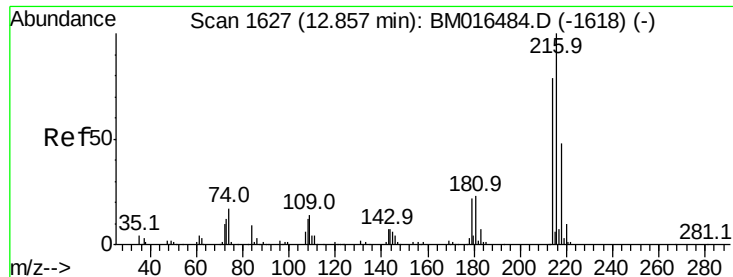
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
115	63.1	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	51.4	35.8	53.6

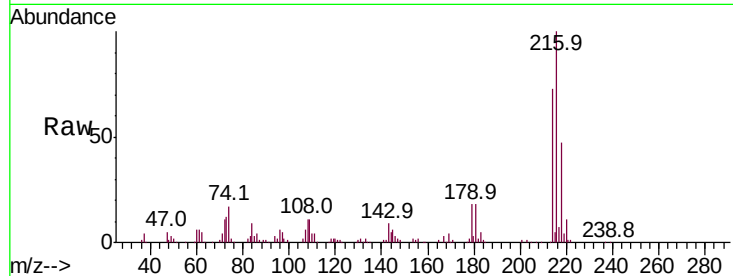




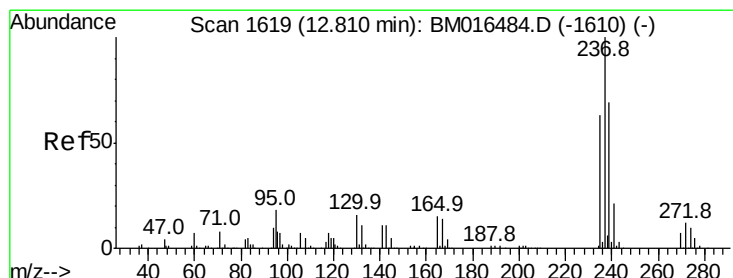
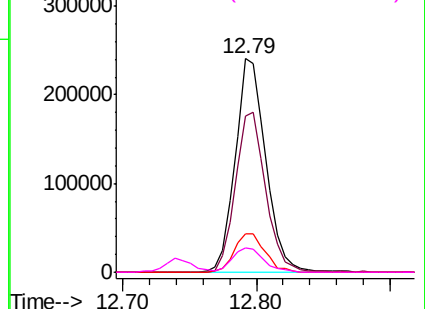
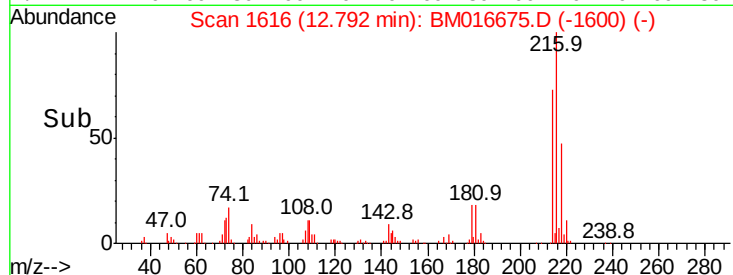
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.546 ng
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

Tot Ion:	216	Resp:	383100
Ion	Ratio	Lower	Upper
216	100		
214	74.4	0.0	0.0#
179	18.3	0.0	0.0#
108	11.6	0.0	0.0#

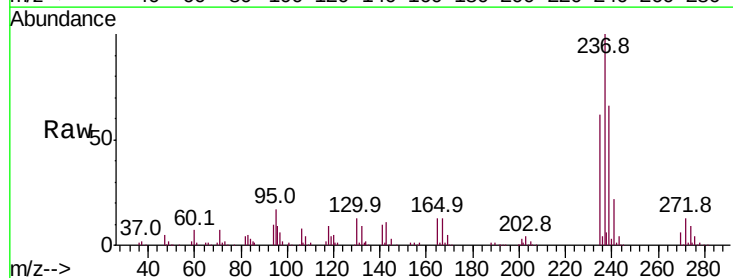


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

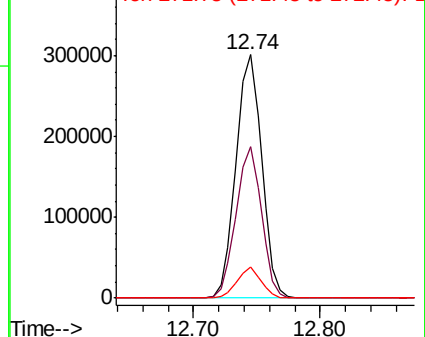
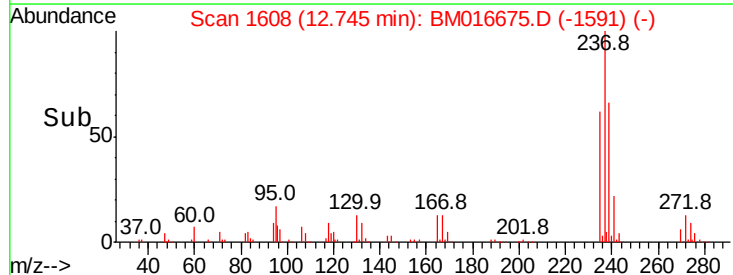


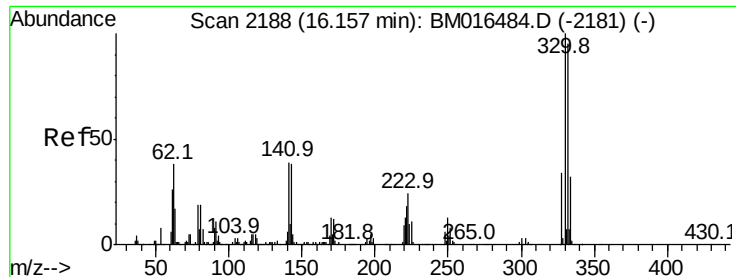
#40
 Hexachlorocyclopentadiene
 Concen: 98.778 ng
 RT: 12.74 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion:	237	Resp:	422004
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	13.0	0.0	33.4



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: 99.256 ng

RT: 16.10 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

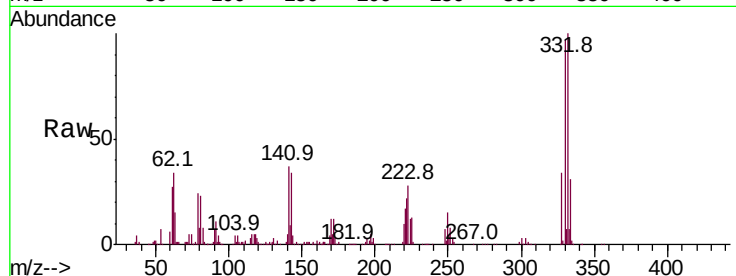
Tot Ion:330 Resp: 422511

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

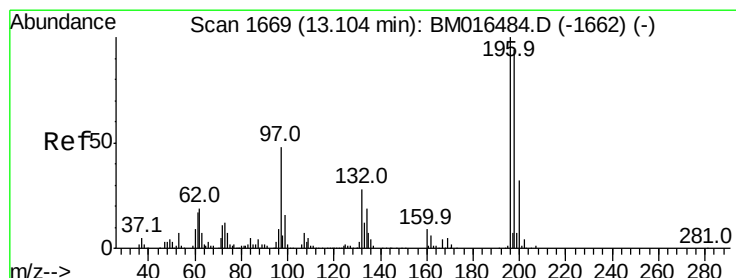
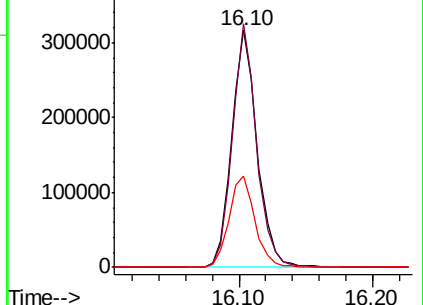
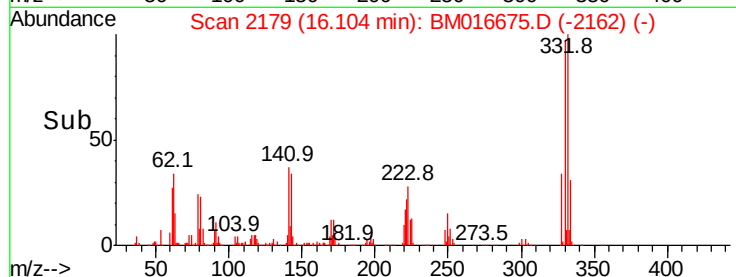
141 39.5 0.0 0.0#



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: 38.407 ng

RT: 13.05 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

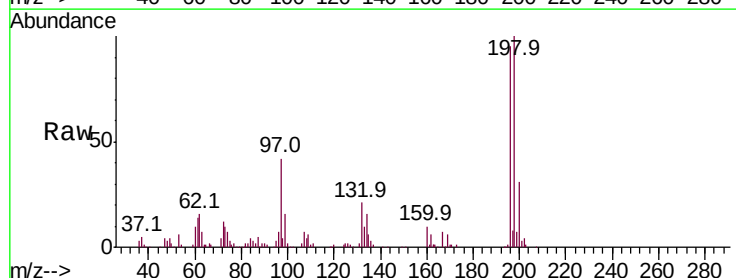
Tgt Ion:196 Resp: 197521

Ion Ratio Lower Upper

196 100

198 105.0 76.3 114.5

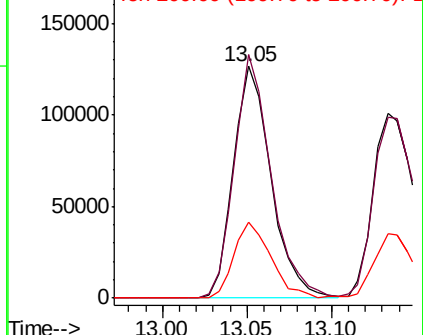
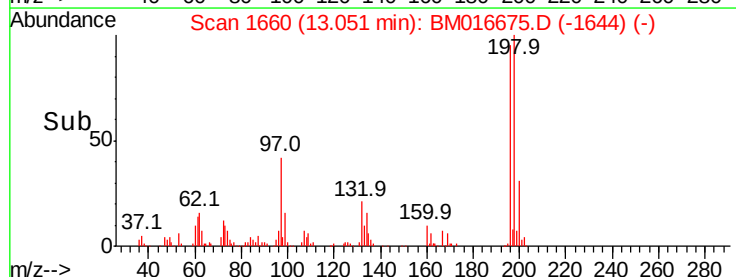
200 33.0 25.6 38.4

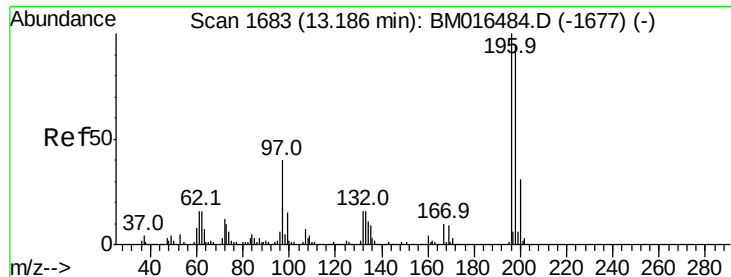


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

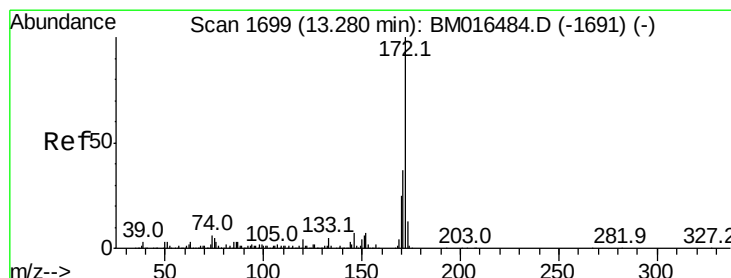
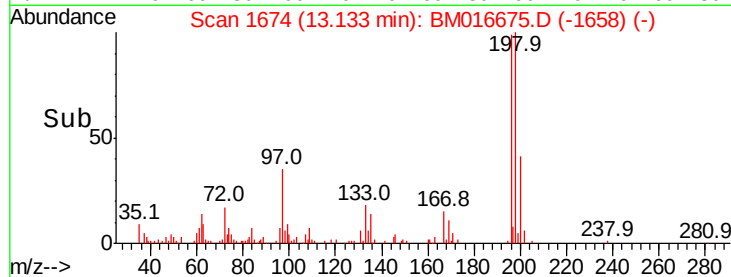
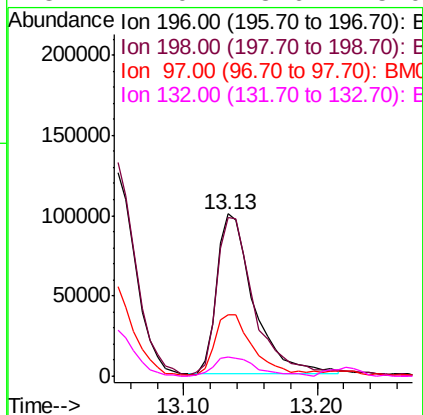
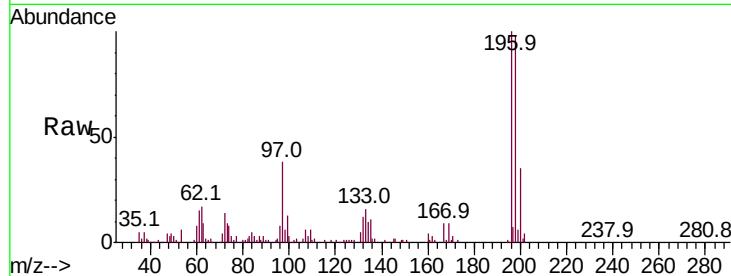




#43
 2,4,5-Trichlorophenol
 Concen: 38.753 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

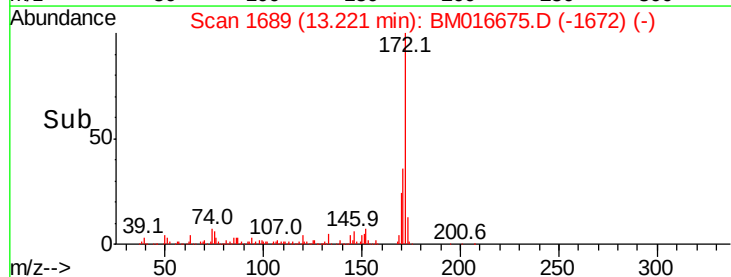
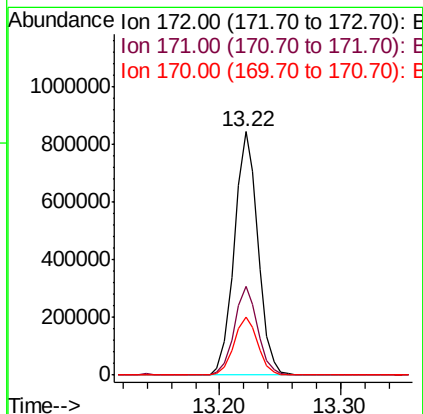
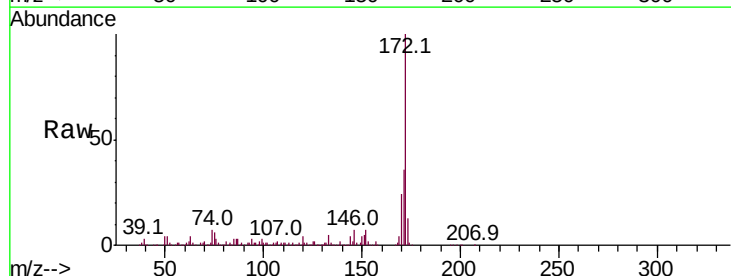
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

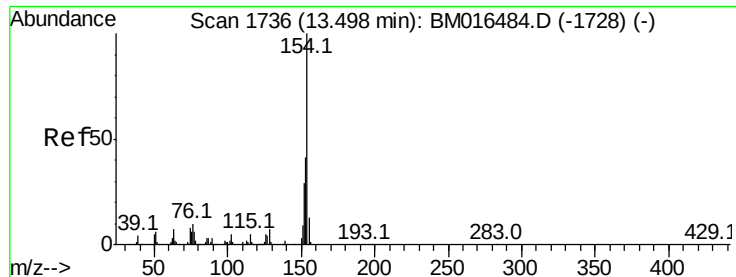
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.4	119.0
97	38.1	26.8	40.2
132	12.0	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 72.627 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.9	18.8	28.2





#45

1,1'-Biphenyl

Concen: 30.184 ng

RT: 13.44 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

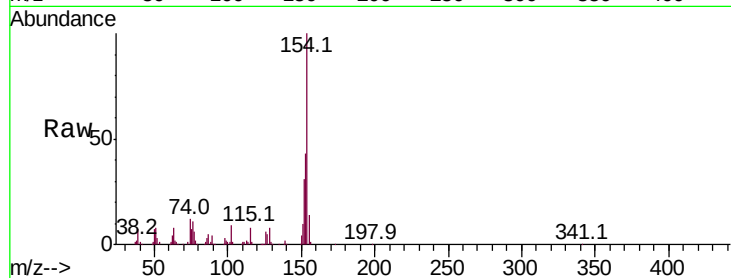
Tot Ion:154 Resp: 403027

Ion Ratio Lower Upper

154 100

153 42.7 20.7 60.7

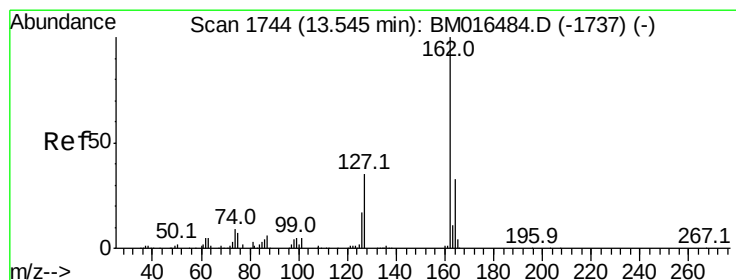
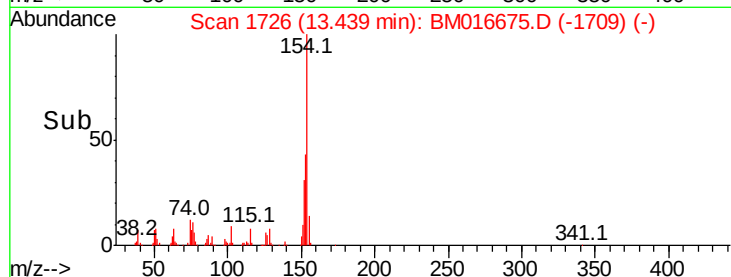
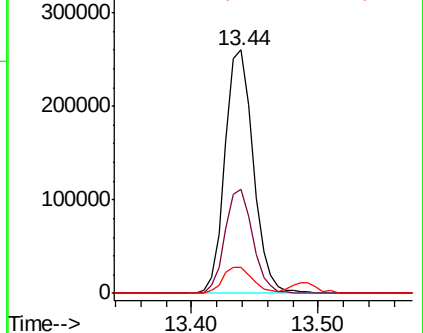
76 10.7 0.0 30.9



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): BM



#46

2-Chloronaphthalene

Concen: 31.127 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

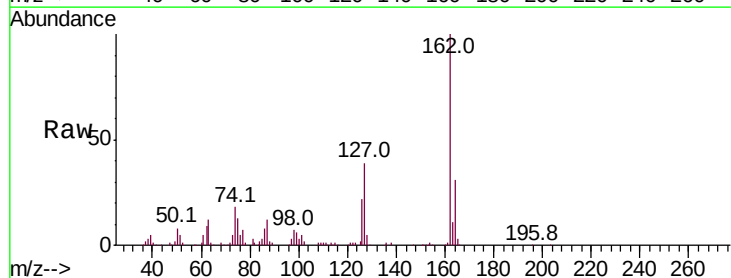
Tgt Ion:162 Resp: 337661

Ion Ratio Lower Upper

162 100

127 39.4 26.9 40.3

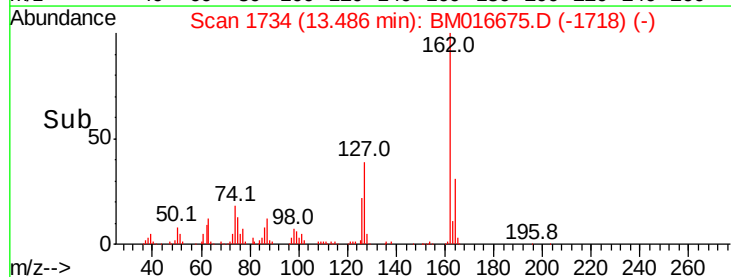
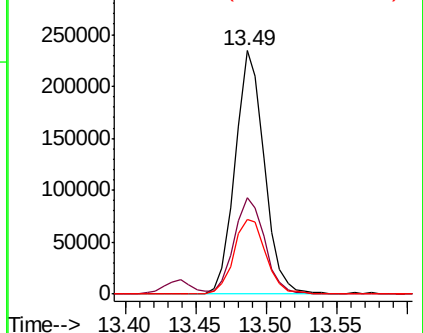
164 30.9 26.8 40.2

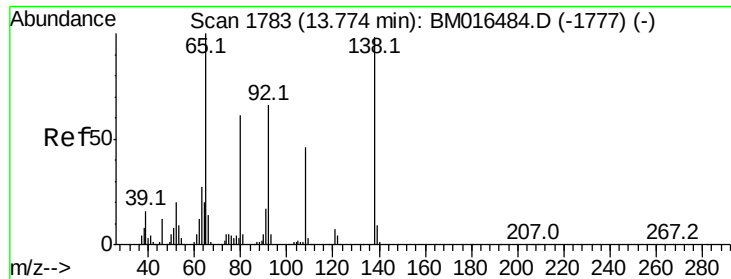


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 28.916 ng

RT: 13.72 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

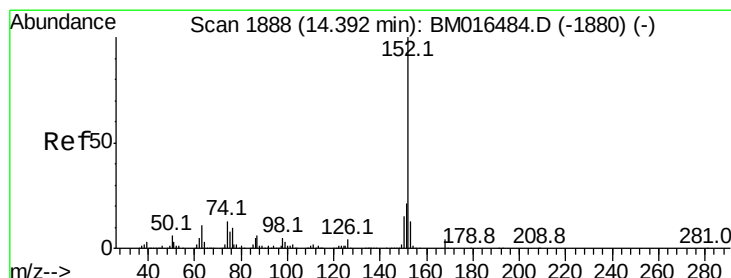
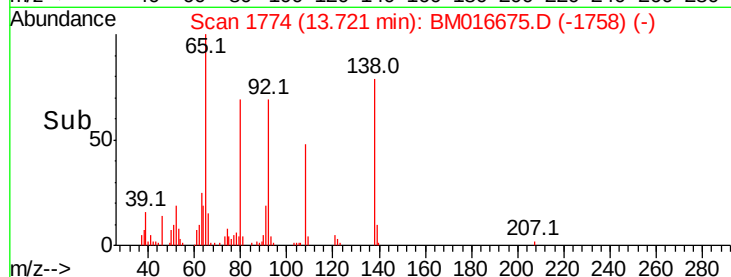
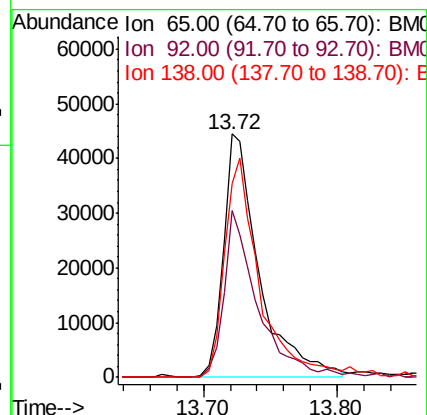
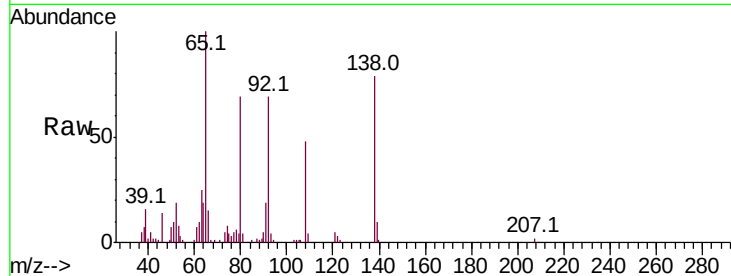
Tot Ion: 65 Resp: 83549

Ion Ratio Lower Upper

65 100

92 68.7 59.1 88.7

138 79.4 93.9 140.9#



#48

Acenaphthylene

Concen: 30.746 ng

RT: 14.33 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

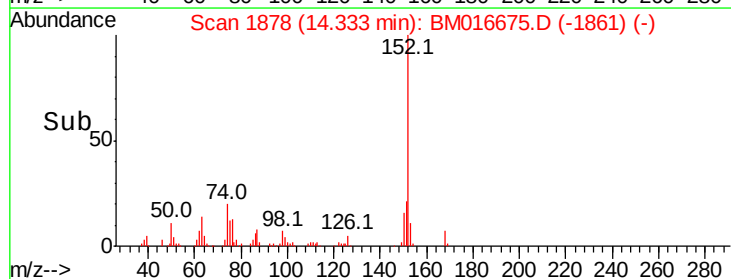
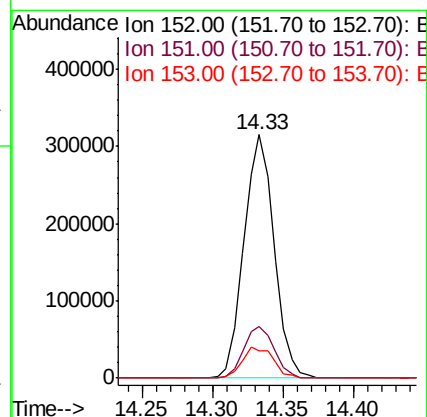
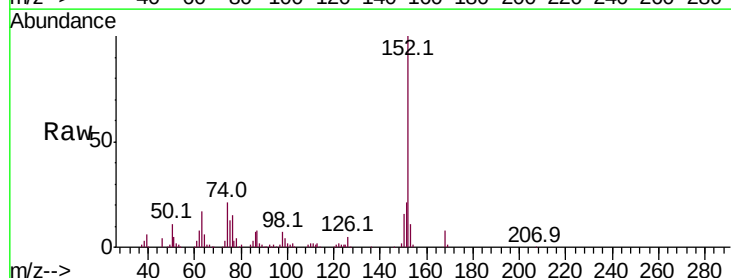
Tgt Ion: 152 Resp: 470796

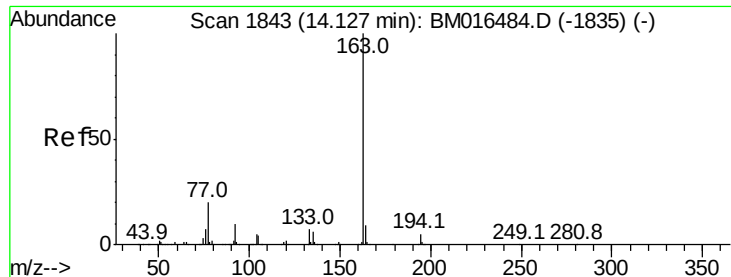
Ion Ratio Lower Upper

152 100

151 21.3 15.9 23.9

153 11.4 10.6 16.0





#49

Dimethylphthalate

Concen: 50.180 ng

RT: 14.07 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

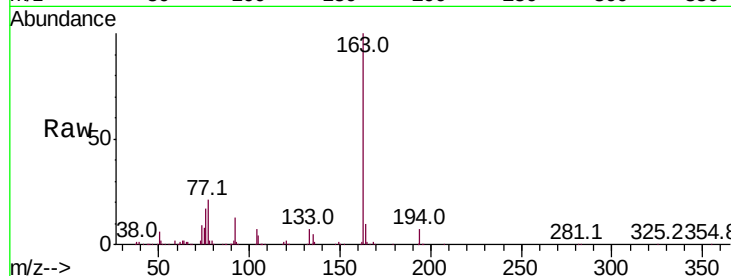
Tot Ion:163 Resp: 734112

Ion Ratio Lower Upper

163 100

194 6.8 2.7 4.1#

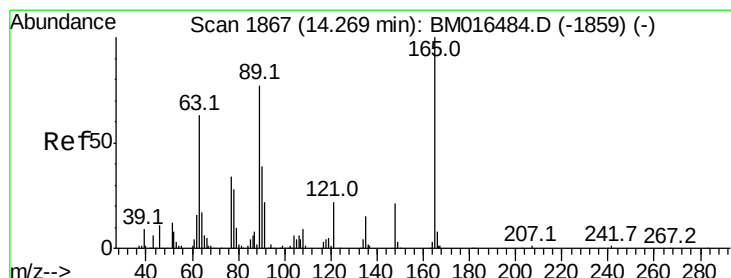
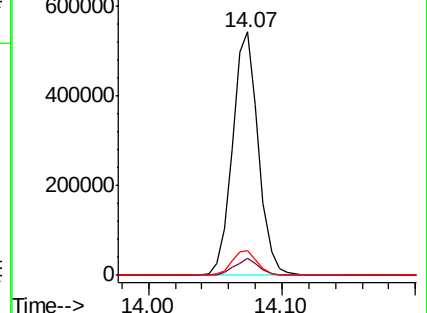
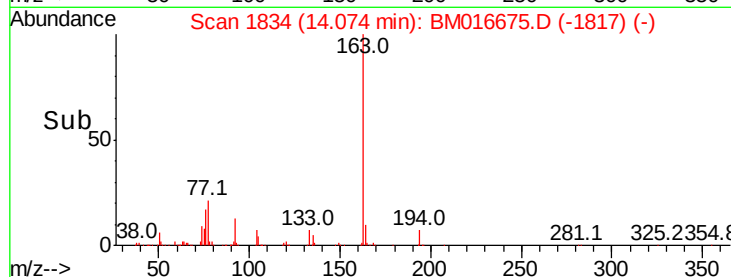
164 10.0 8.2 12.2



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: 30.478 ng

RT: 14.22 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

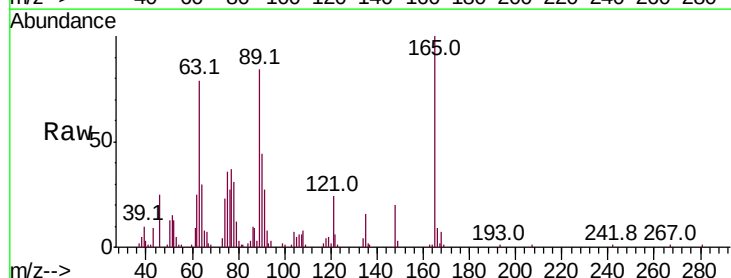
Tgt Ion:165 Resp: 86970

Ion Ratio Lower Upper

165 100

63 79.0 44.1 66.1#

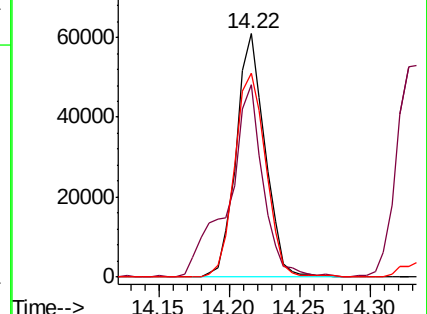
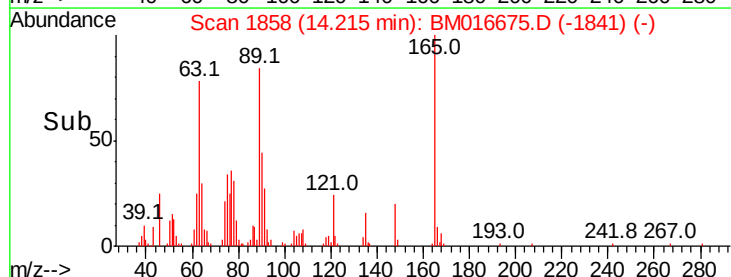
89 83.8 44.3 66.5#

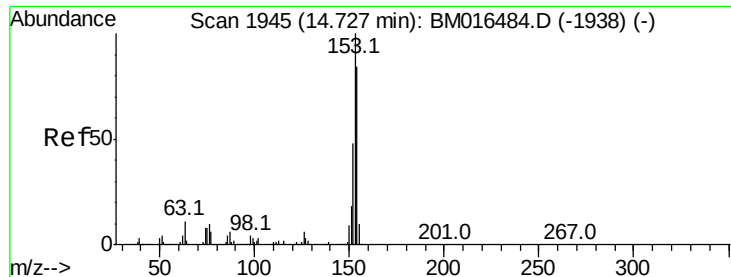


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 31.198 ng

RT: 14.67 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

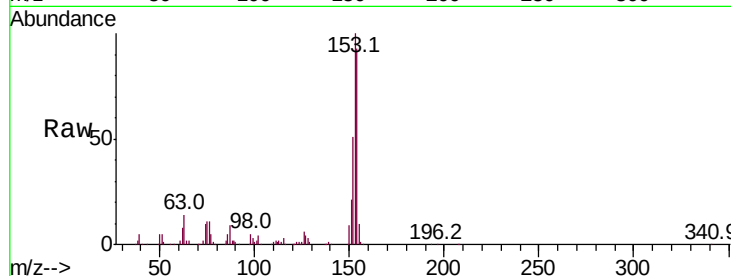
Tot Ion:154 Resp: 293490

Ion Ratio Lower Upper

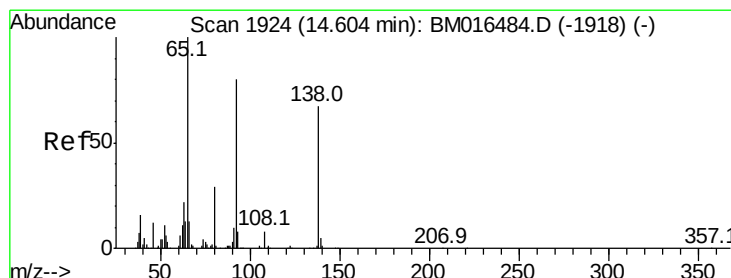
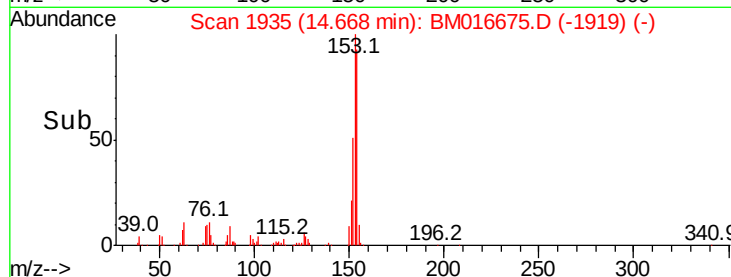
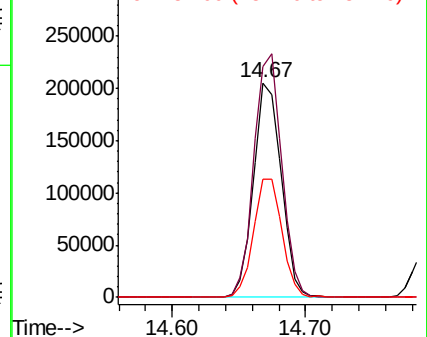
154 100

153 107.4 90.0 135.0

152 55.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.646 ng

RT: 14.56 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

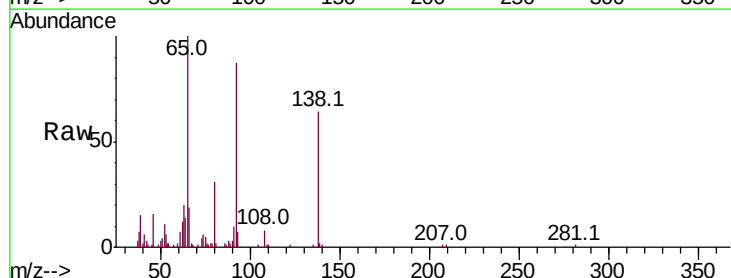
Tgt Ion:138 Resp: 51008

Ion Ratio Lower Upper

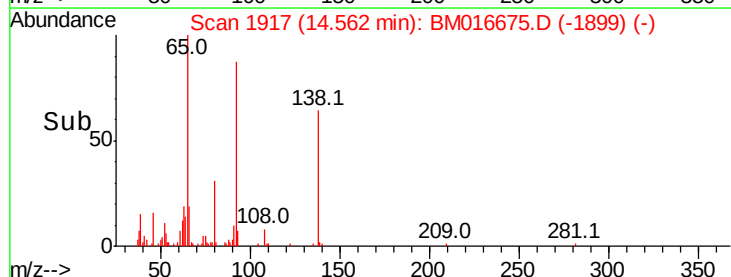
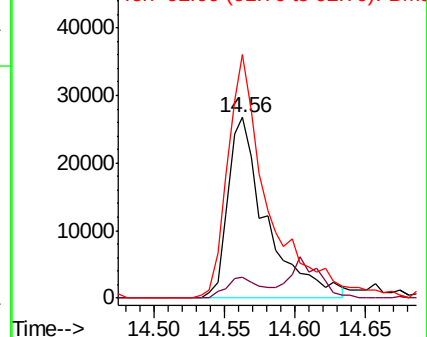
138 100

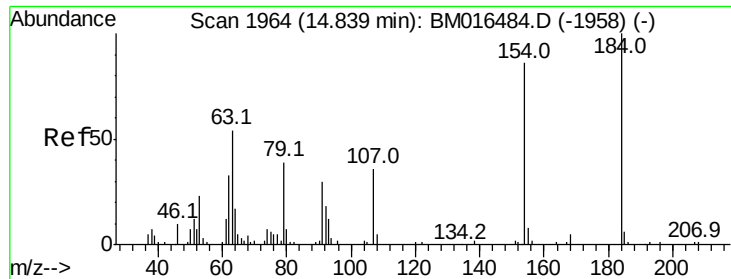
108 11.6 7.3 10.9#

92 134.7 76.6 114.8#



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): BM

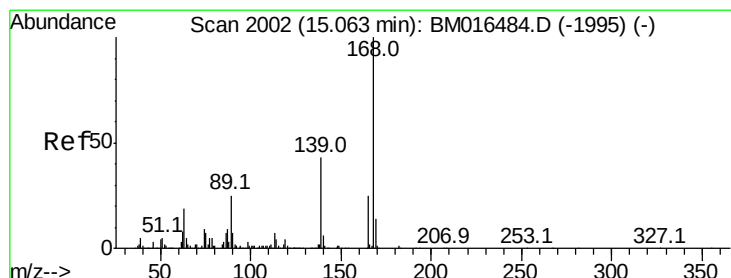
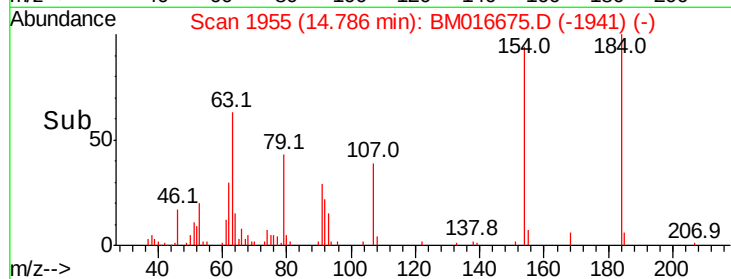
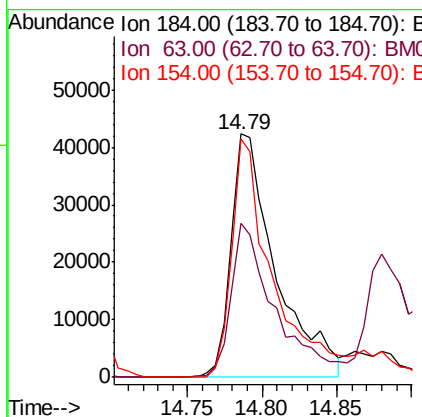
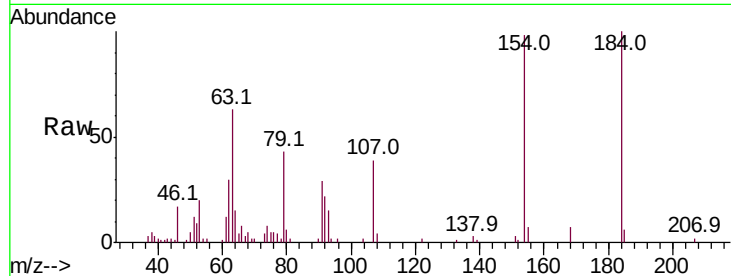




#53
 2,4-Dinitrophenol
 Concen: 62.062 ng
 RT: 14.79 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

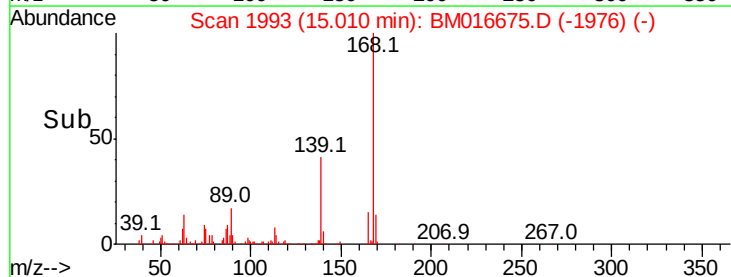
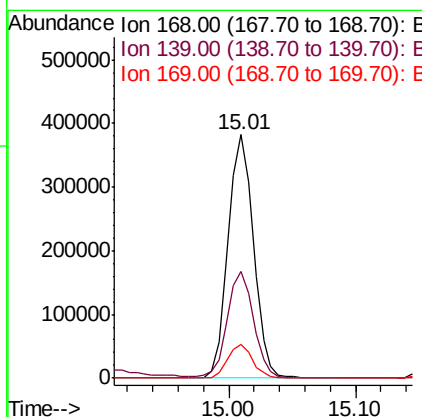
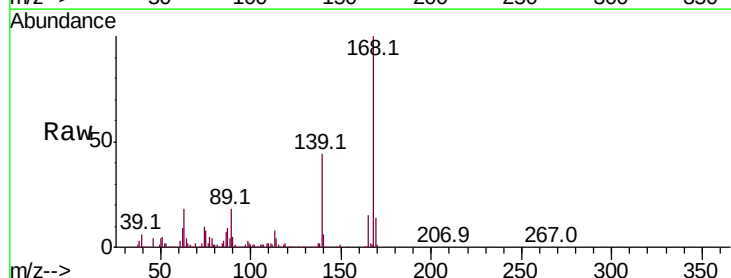
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

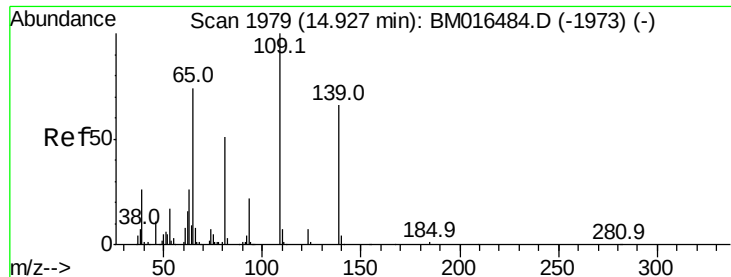
Tot Ion:184 Resp: 88624
 Ion Ratio Lower Upper
 184 100
 63 63.2 69.2 103.8#
 154 97.7 53.3 79.9#



#54
 Dibenzofuran
 Concen: 29.507 ng
 RT: 15.01 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion:168 Resp: 531373
 Ion Ratio Lower Upper
 168 100
 139 44.1 27.3 40.9#
 169 13.8 10.6 16.0

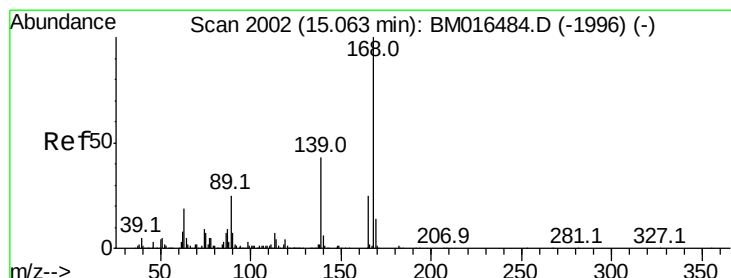
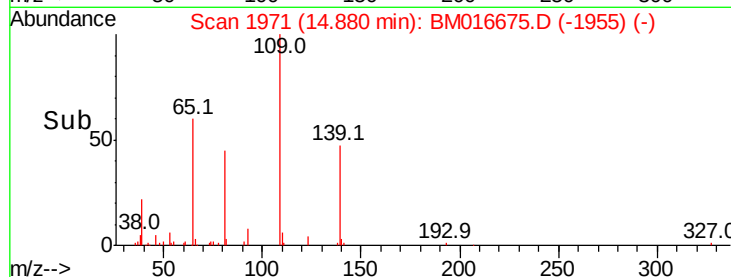
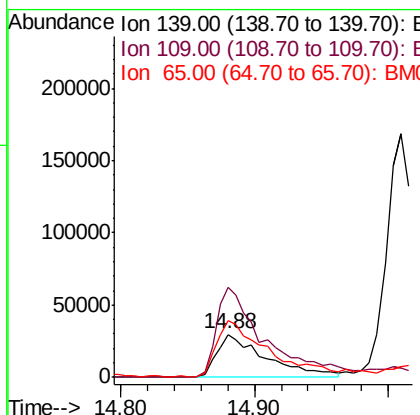
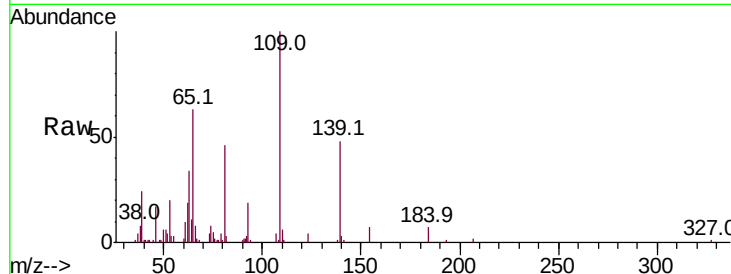




#55
4-Nitrophenol
Concen: 46.505 ng
RT: 14.88 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

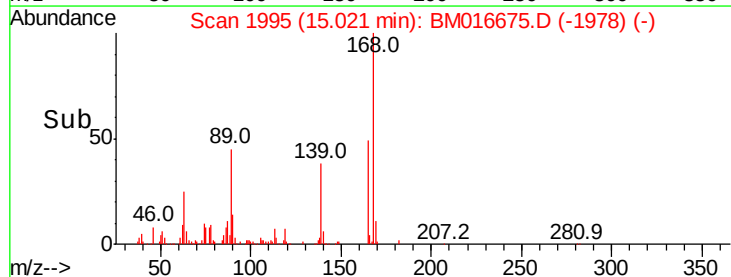
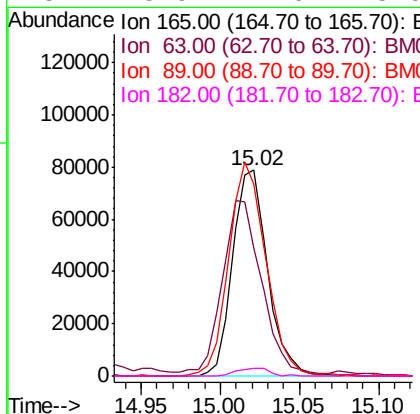
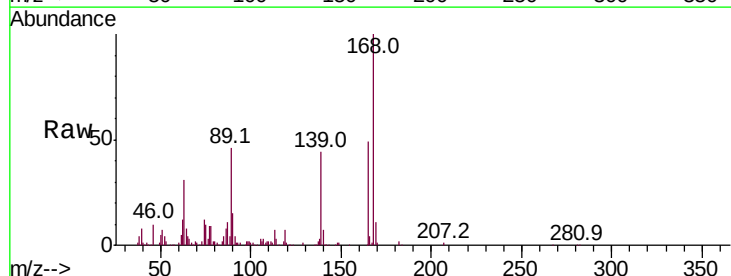
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

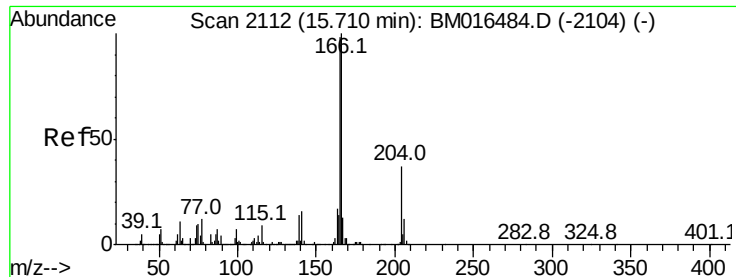
Tot Ion:139 Resp: 77013
Ion Ratio Lower Upper
139 100
109 207.9 130.0 170.0#
65 131.2 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 25.276 ng
RT: 15.02 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion:165 Resp: 120269
Ion Ratio Lower Upper
165 100
63 62.2 52.4 78.6
89 92.9 72.4 108.6
182 3.9 2.0 3.0#





#57

Fluorene

Concen: 30.195 ng

RT: 15.66 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

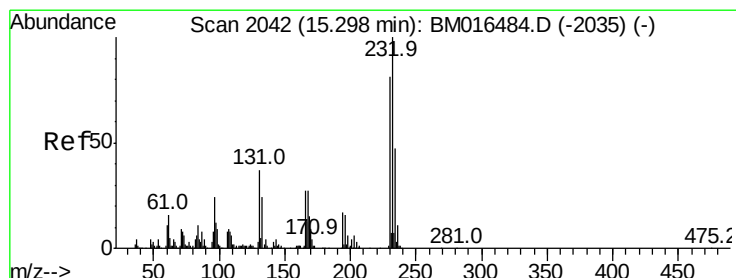
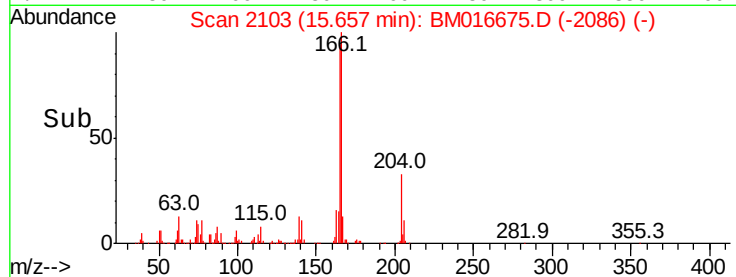
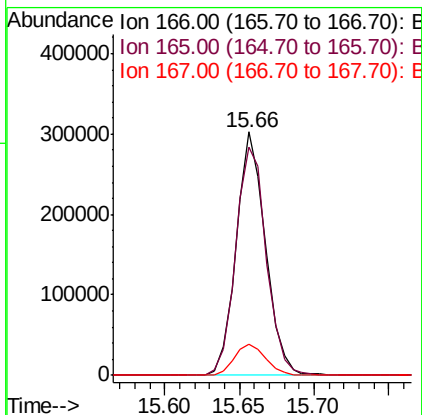
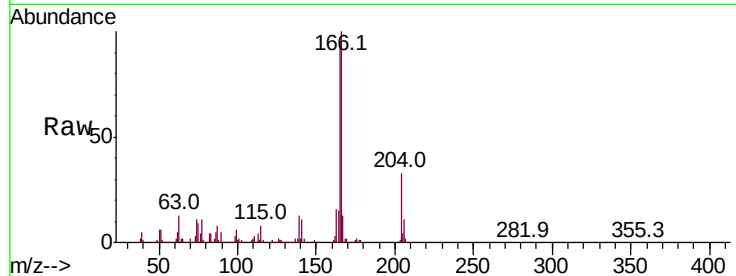
Tot Ion:166 Resp: 410781

Ion Ratio Lower Upper

166 100

165 93.5 79.0 118.4

167 13.0 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.296 ng

RT: 15.24 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Tgt Ion:232 Resp: 184906

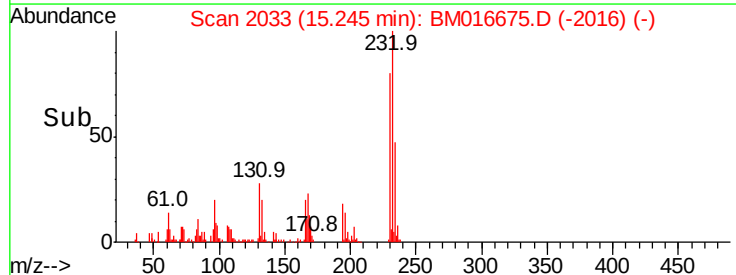
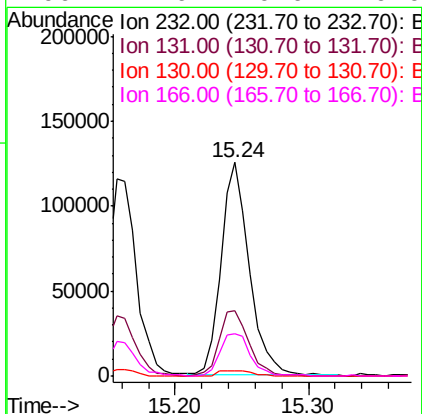
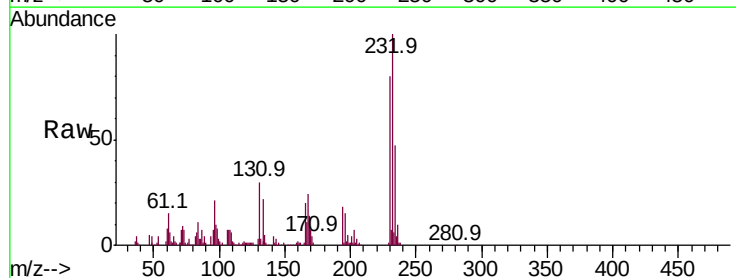
Ion Ratio Lower Upper

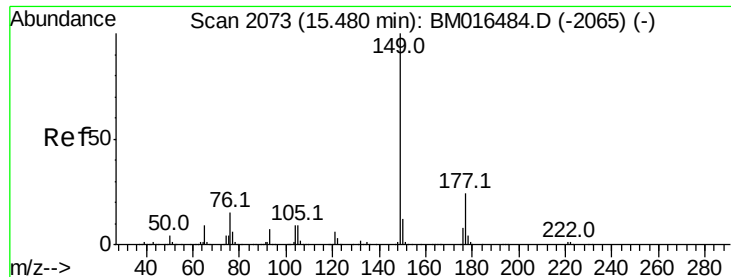
232 100

131 32.6 0.0 0.0#

130 3.0 0.0 0.0#

166 21.6 0.0 0.0#





#59

Diethylphthalate

Concen: 27.435 ng

RT: 15.43 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

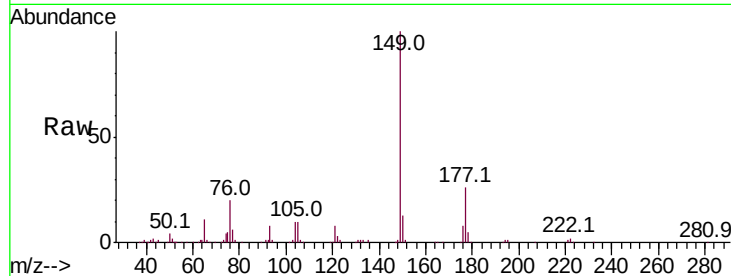
Tot Ion:149 Resp: 418496

Ion Ratio Lower Upper

149 100

177 25.6 18.3 27.5

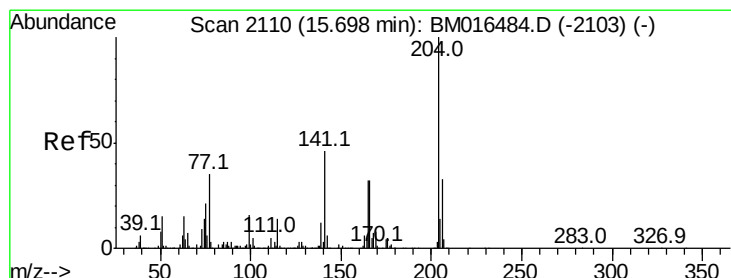
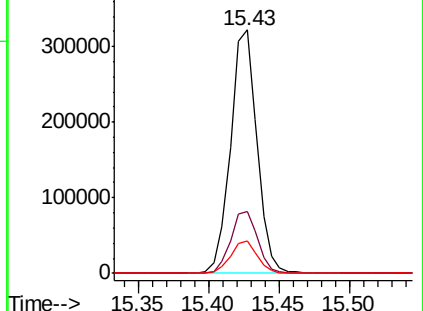
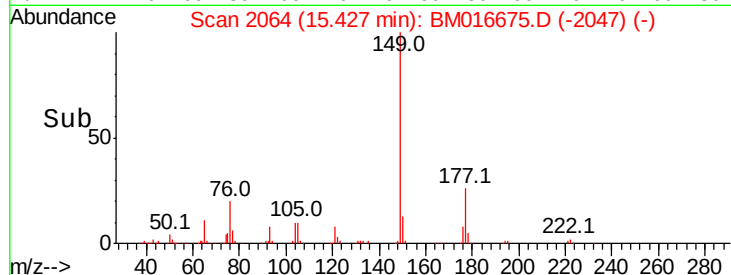
150 13.2 9.8 14.8



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: 34.467 ng

RT: 15.64 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

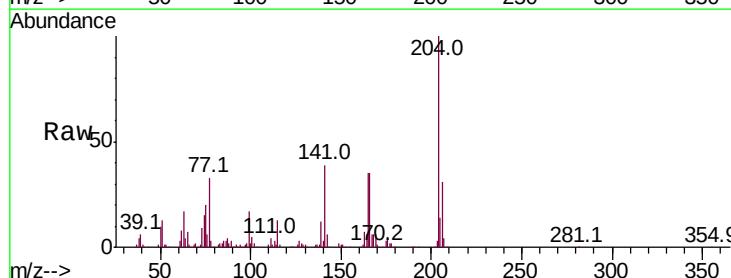
Tgt Ion:204 Resp: 393224

Ion Ratio Lower Upper

204 100

206 30.6 26.6 39.8

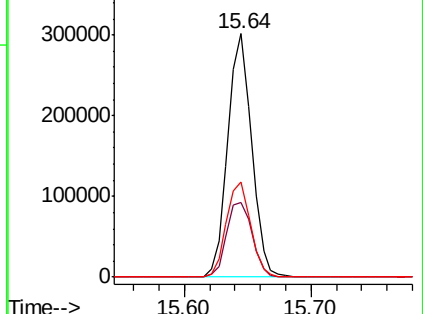
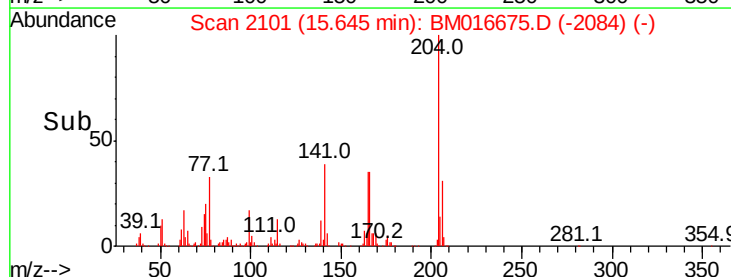
141 39.0 45.2 67.8#

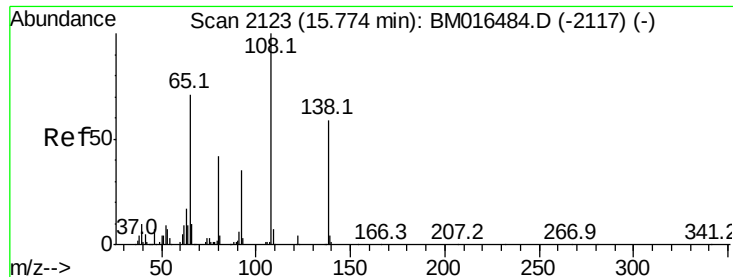


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

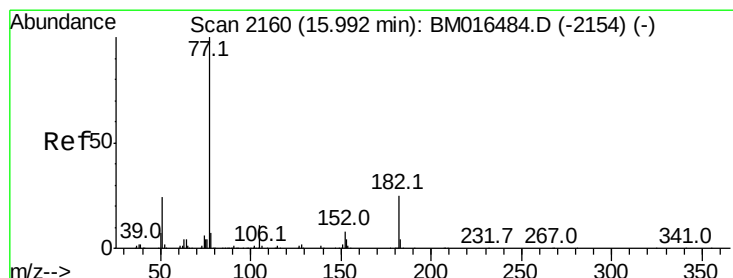
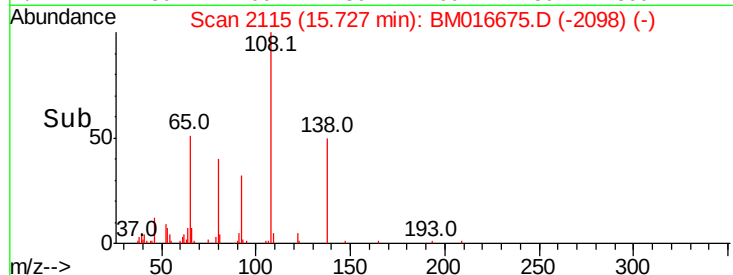
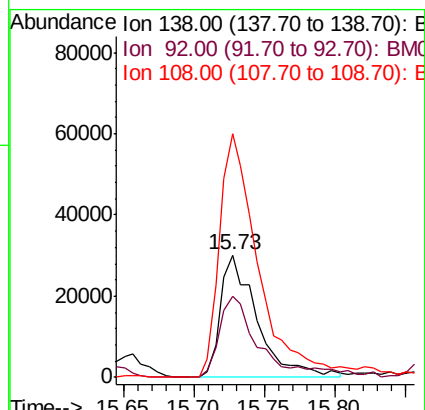
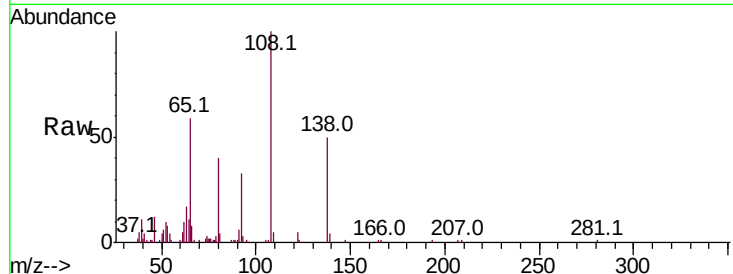




#61
4-Nitroaniline
Concen: 21.539 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

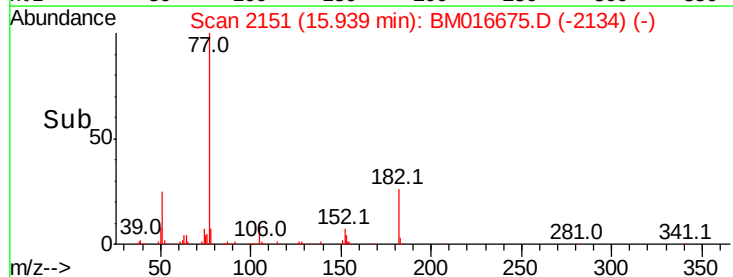
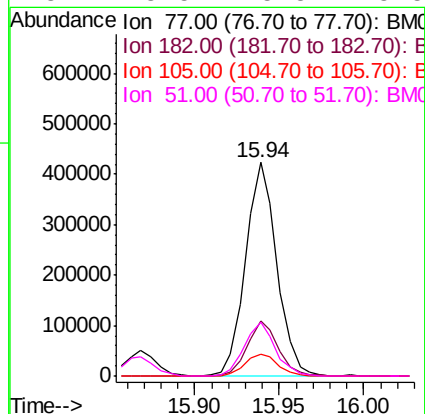
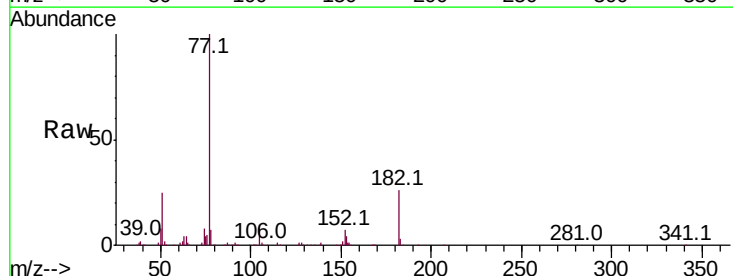
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

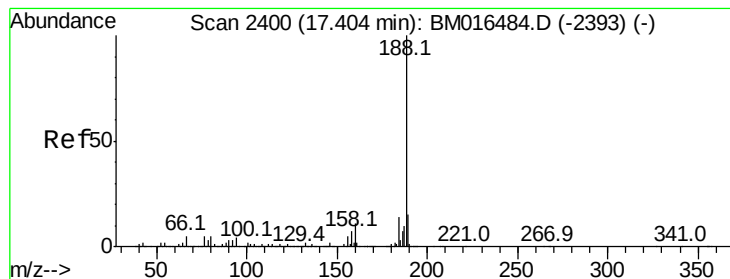
Tot Ion:138 Resp: 54656
Ion Ratio Lower Upper
138 100
92 66.6 16.7 56.7#
108 199.1 37.6 77.6#



#62
Azobenzene
Concen: 33.576 ng
RT: 15.94 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion: 77 Resp: 545512
Ion Ratio Lower Upper
77 100
182 25.8 6.5 46.5
105 10.3 3.8 43.8
51 25.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

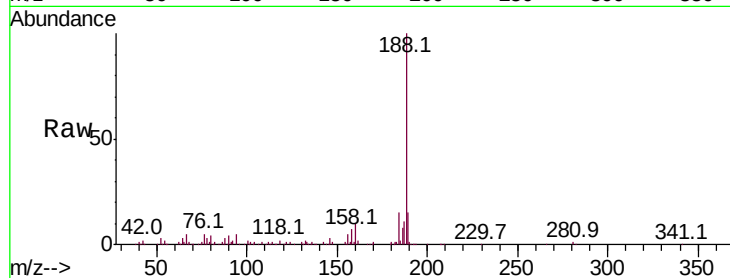
Tot Ion:188 Resp: 421843

Ion Ratio Lower Upper

188 100

94 4.5 8.7 13.1#

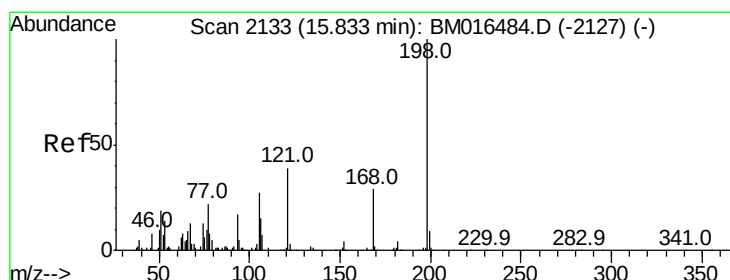
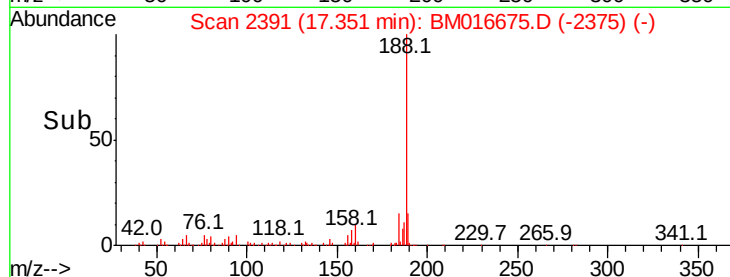
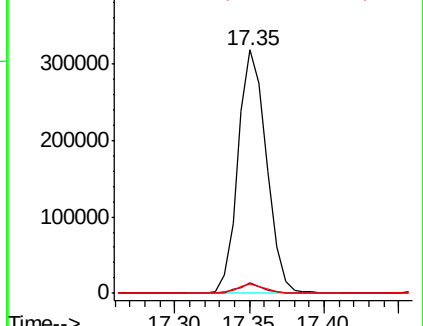
80 3.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 27.417 ng

RT: 15.79 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

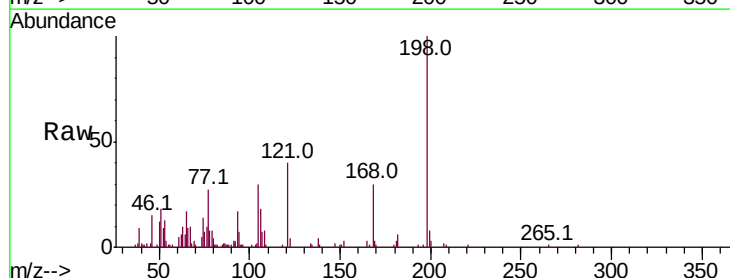
Tgt Ion:198 Resp: 87880

Ion Ratio Lower Upper

198 100

51 17.9 28.8 68.8#

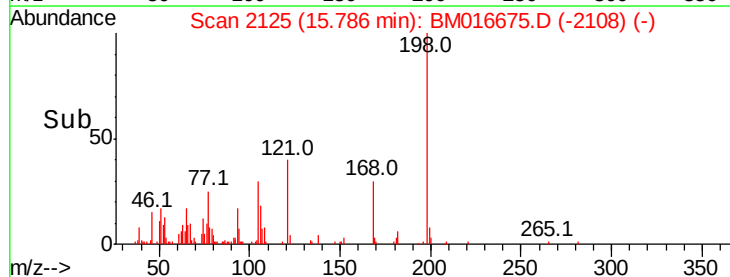
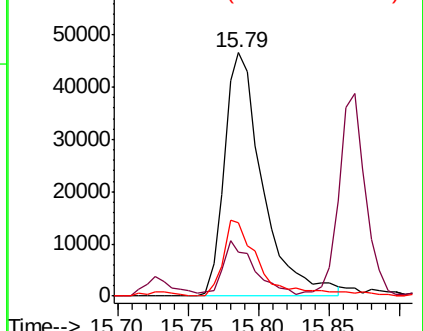
105 30.1 30.5 70.5#

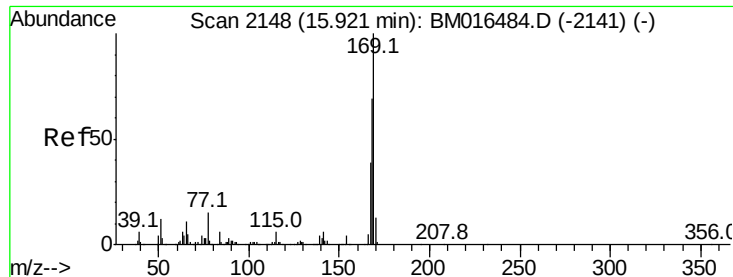


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

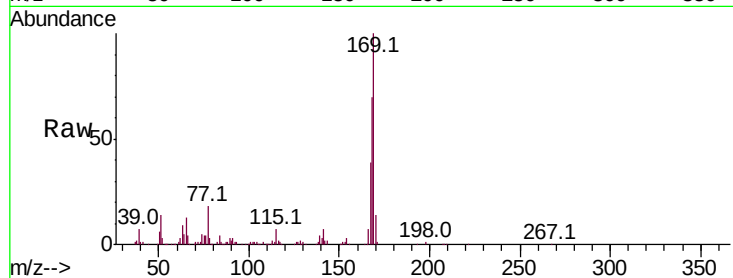




#65
 n-Nitrosodiphenylamine
 Concen: 30.017 ng
 RT: 15.87 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.8	53.9	80.9
167	38.7	28.9	43.3

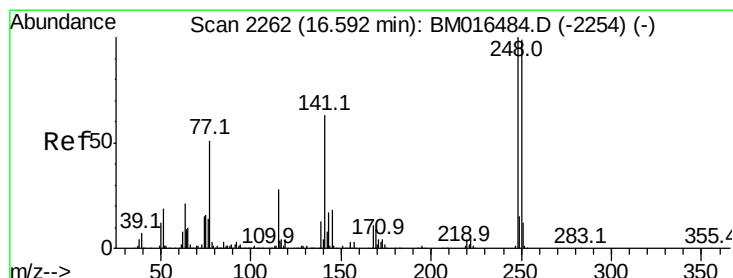
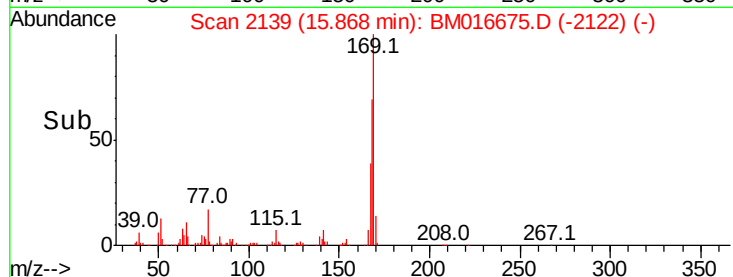
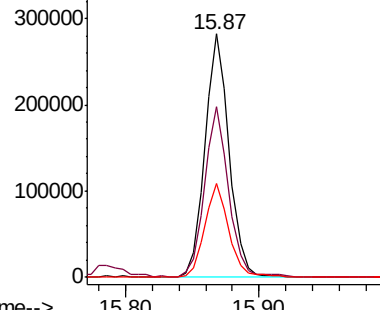


Abundance

Ion 169.00 (168.70 to 169.70): E

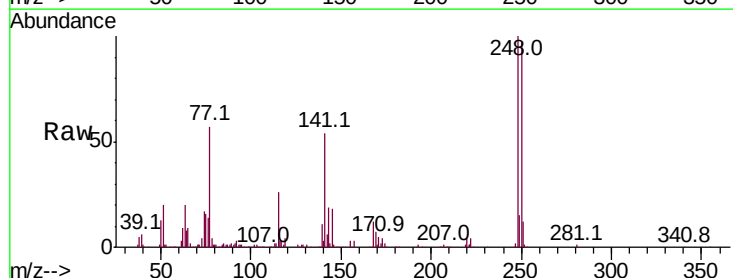
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 38.101 ng
 RT: 16.53 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.0
141	54.0	45.2	67.8

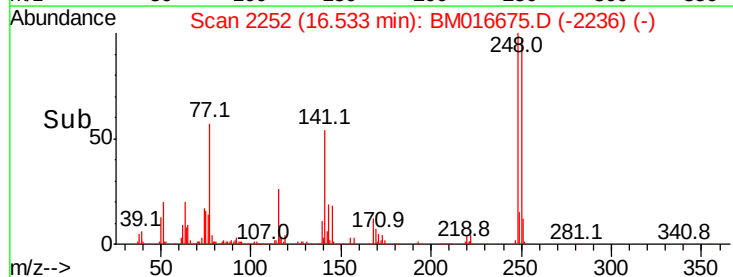
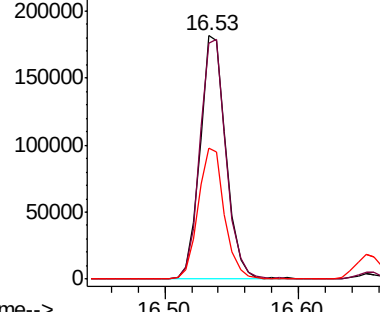


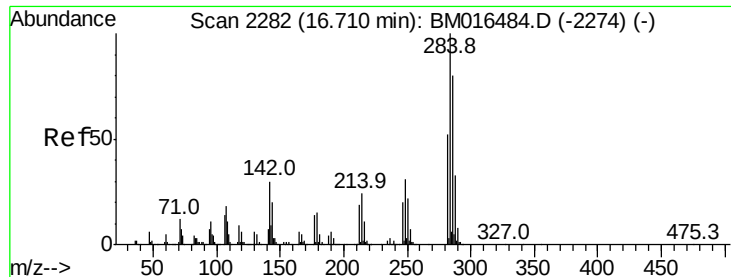
Abundance

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: 34.376 ng

RT: 16.66 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

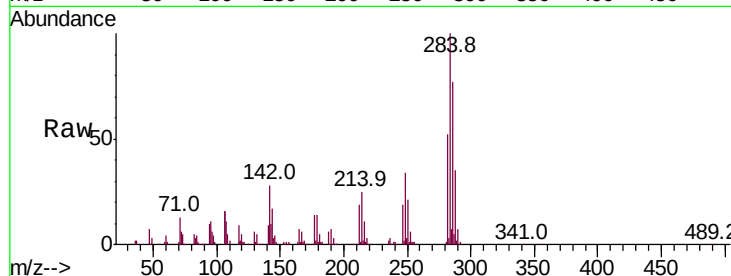
Tot Ion:284 Resp: 259848

Ion Ratio Lower Upper

284 100

142 27.6 20.4 30.6

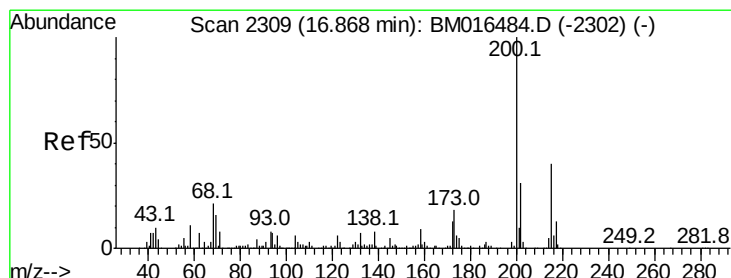
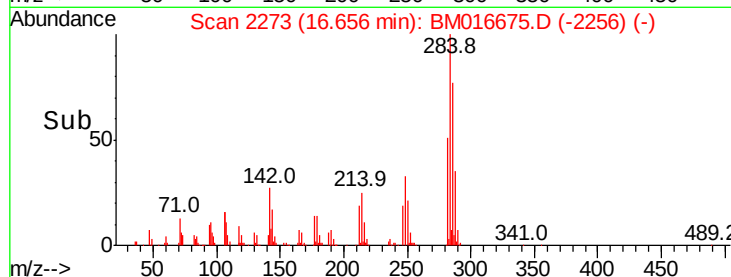
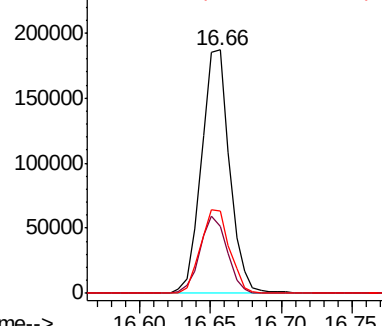
249 33.7 23.8 35.6



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: 39.331 ng

RT: 16.82 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

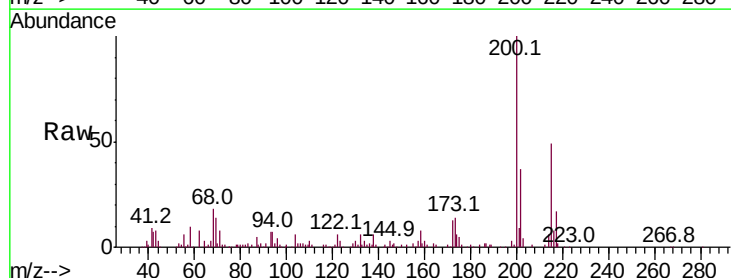
Tgt Ion:200 Resp: 213014

Ion Ratio Lower Upper

200 100

173 14.3 4.8 44.8

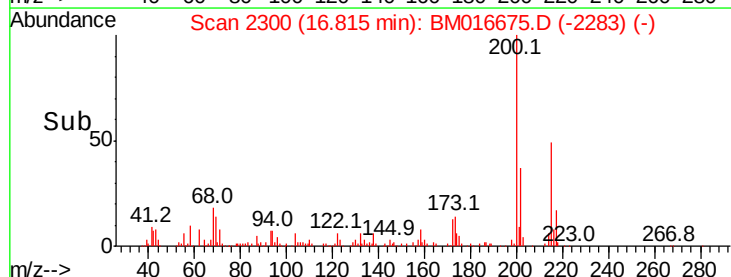
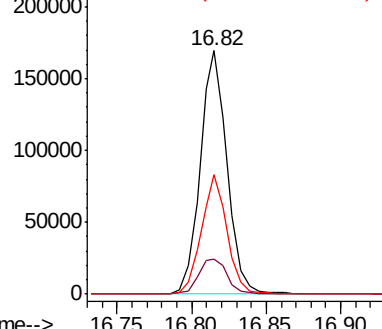
215 48.9 26.9 66.9

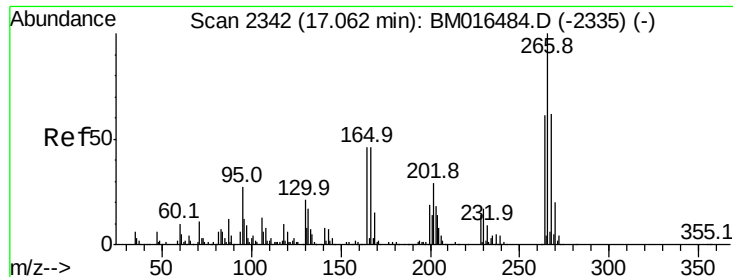


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 59.051 ng

RT: 17.01 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

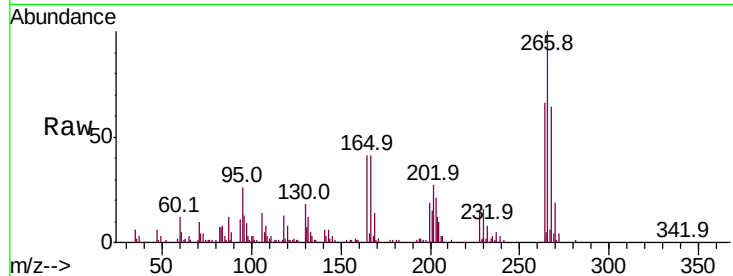
Tot Ion:266 Resp: 236173

Ion Ratio Lower Upper

266 100

268 63.9 52.0 78.0

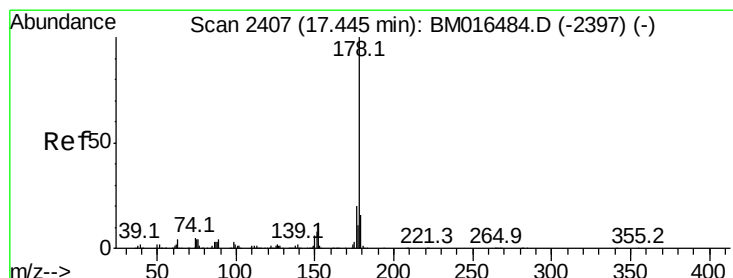
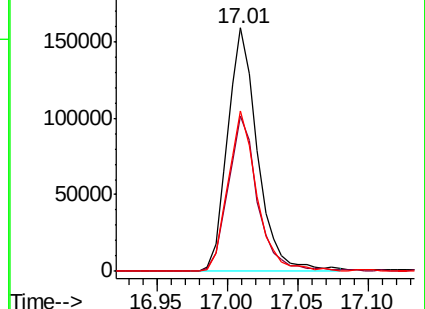
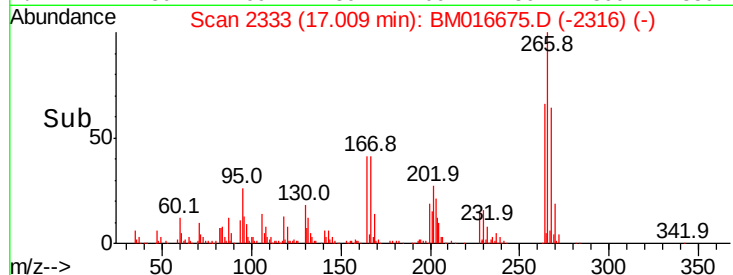
264 65.7 49.0 73.4



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: 31.167 ng

RT: 17.39 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

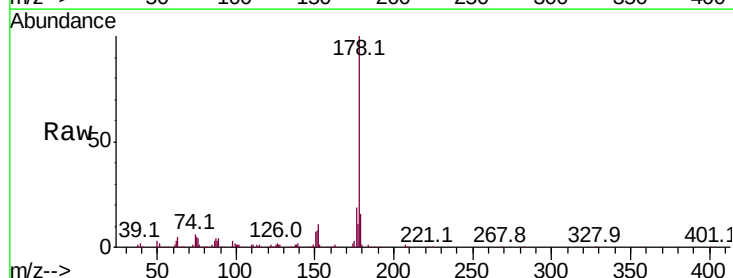
Tgt Ion:178 Resp: 679536

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

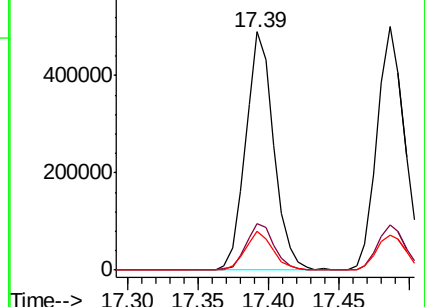
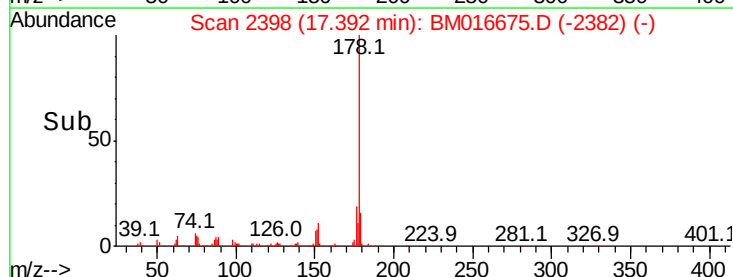
179 16.3 12.1 18.1

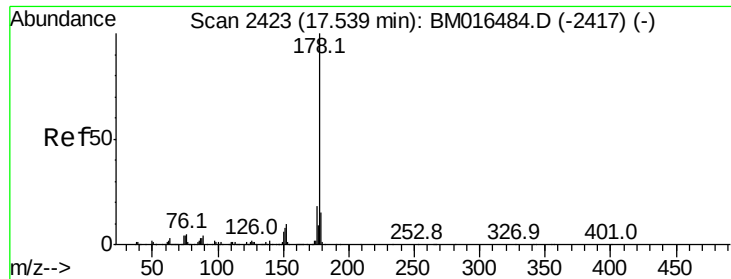


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

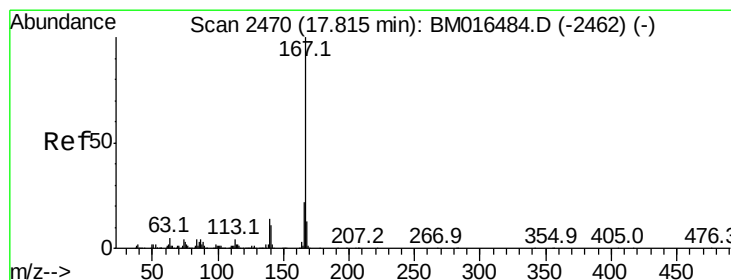
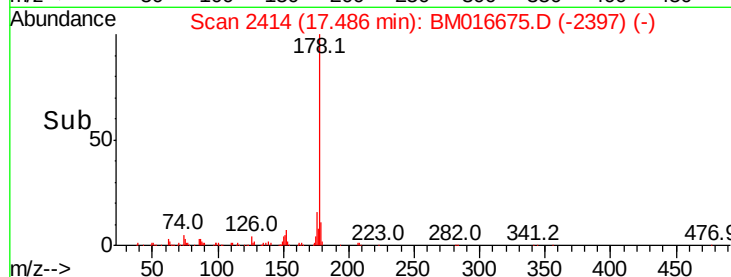
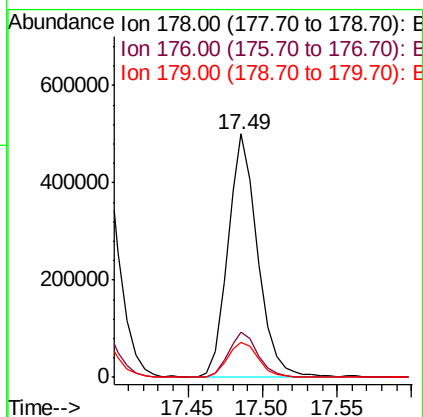
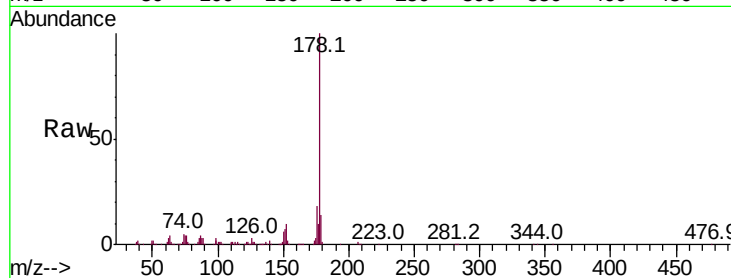




#71
 Anthracene
 Concen: 32.034 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

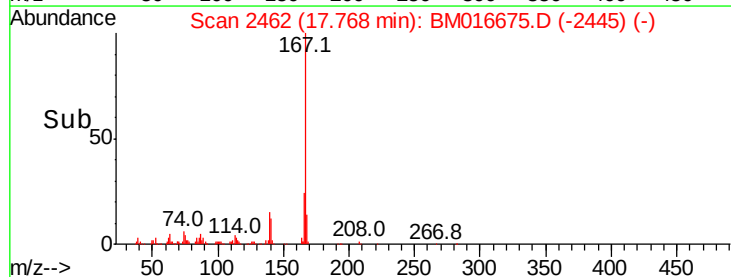
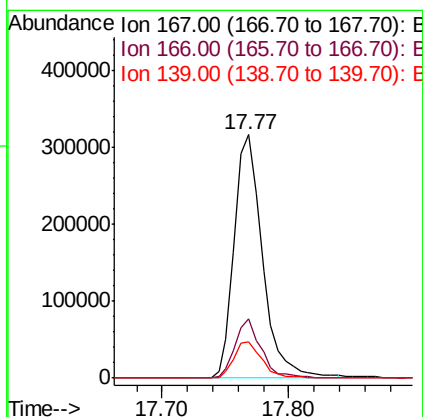
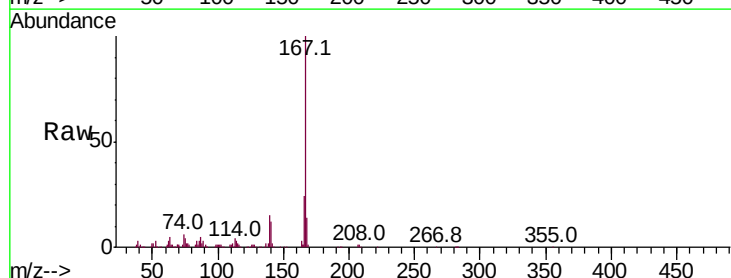
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

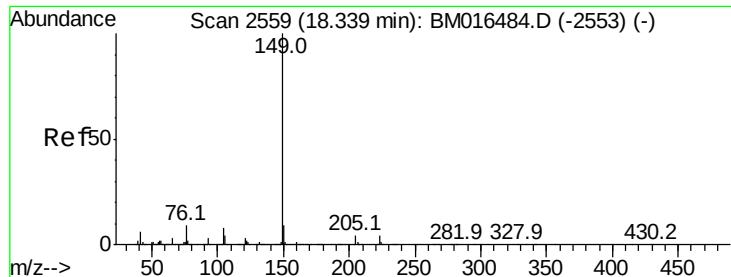
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.4	12.6	19.0



#72
 Carbazole
 Concen: 25.064 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.2	25.8
139	15.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 27.490 ng

RT: 18.29 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

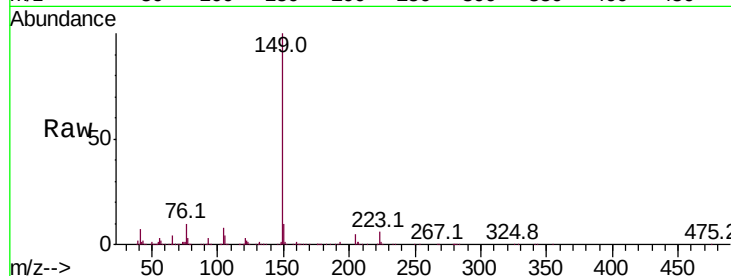
Tot Ion:149 Resp: 652077

Ion Ratio Lower Upper

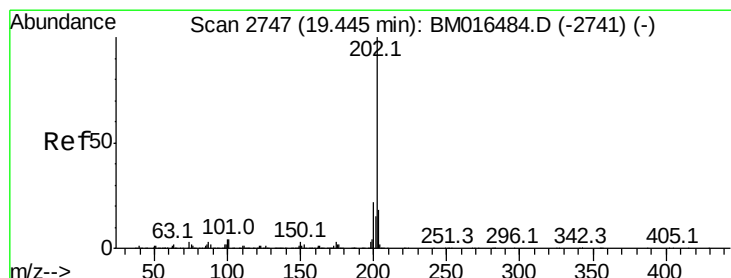
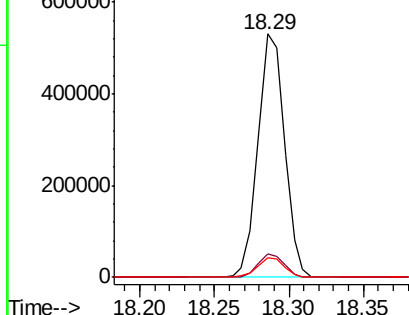
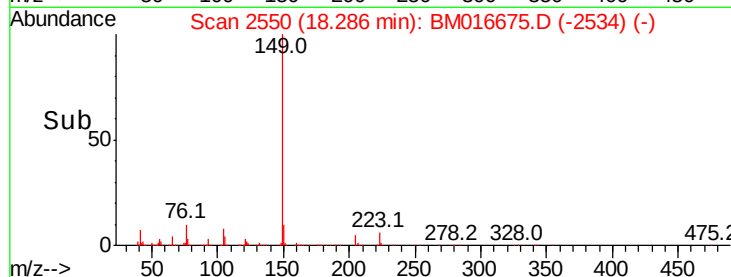
149 100

150 9.8 7.5 11.3

104 8.3 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.779 ng

RT: 19.40 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

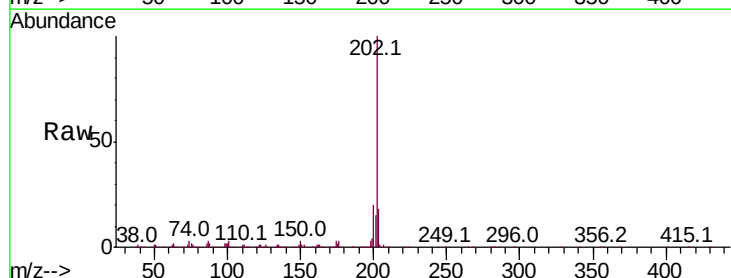
Tgt Ion:202 Resp: 1015910

Ion Ratio Lower Upper

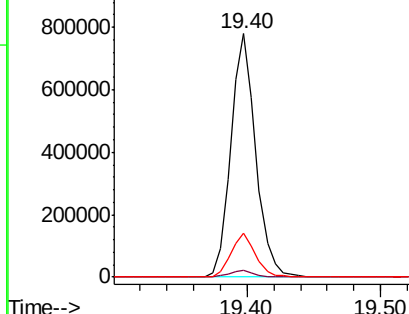
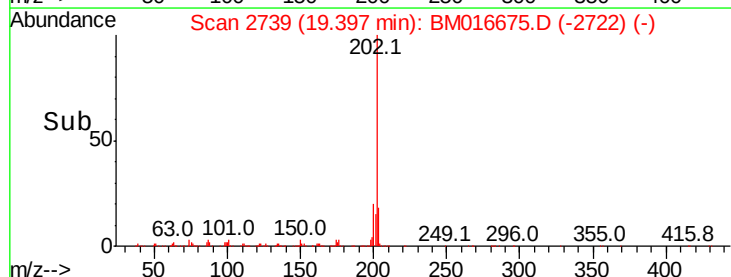
202 100

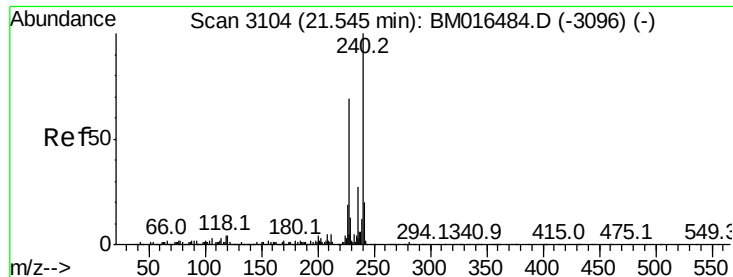
101 2.5 0.0 28.7

203 18.1 0.0 37.2



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: 20.000 ng

RT: 21.50 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

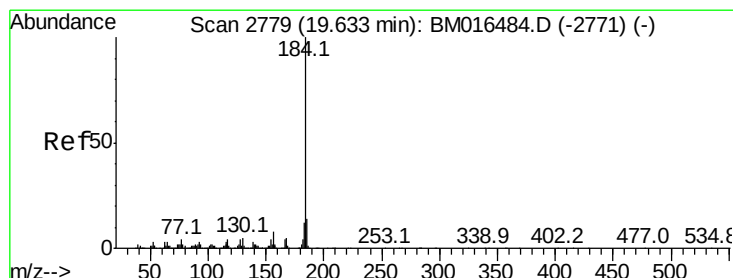
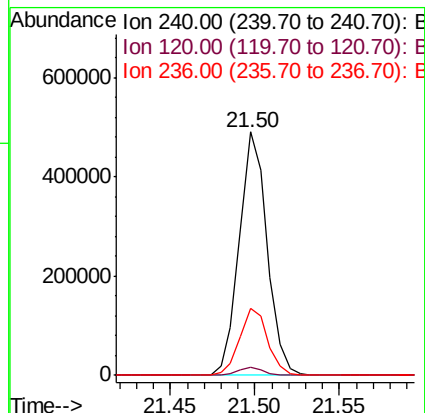
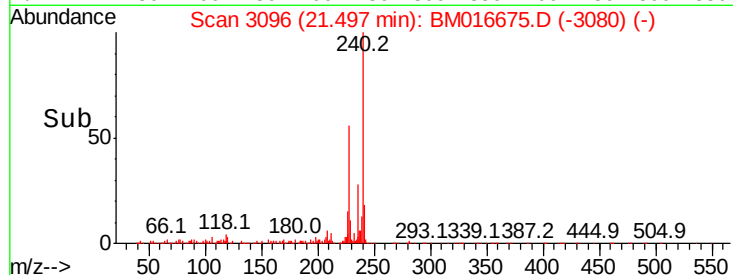
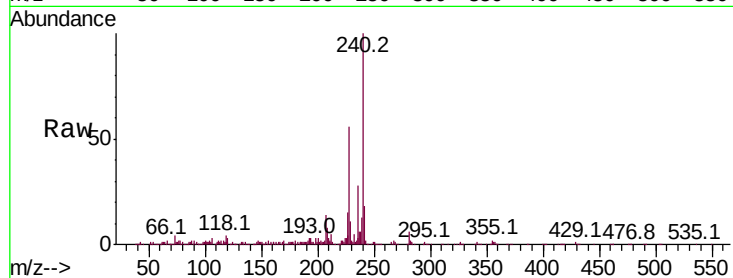
Tot Ion:240 Resp: 562708

Ion Ratio Lower Upper

240 100

120 3.2 8.2 12.2#

236 27.6 20.0 30.0



#76

Benzidine

Concen: 34.214 ng

RT: 19.59 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

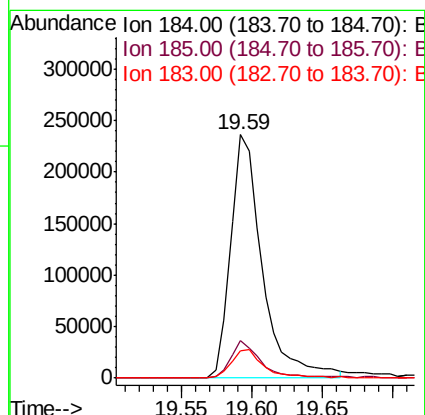
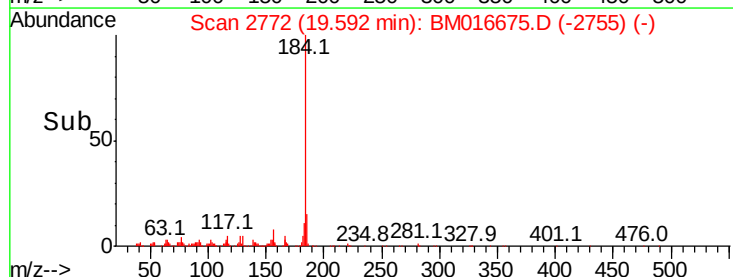
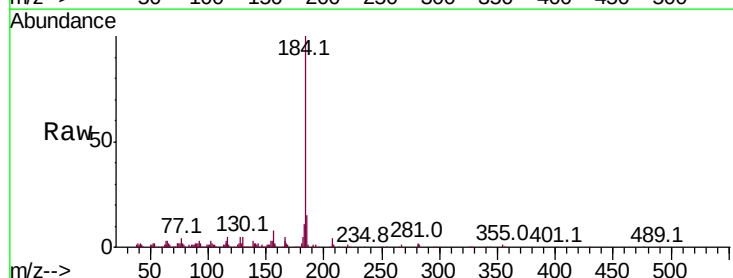
Tgt Ion:184 Resp: 370244

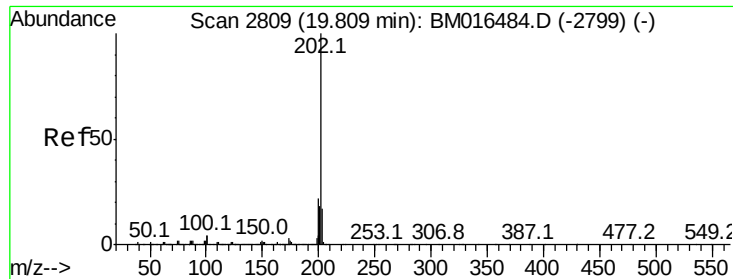
Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

183 11.4 8.9 13.3





#77

Pvrene

Concen: 33.536 ng

RT: 19.76 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

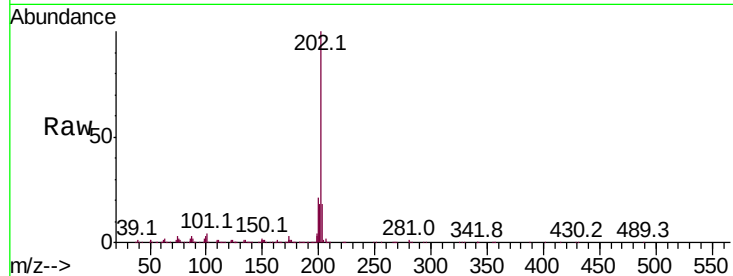
BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

Tot Ion:202 Resp: 1025570

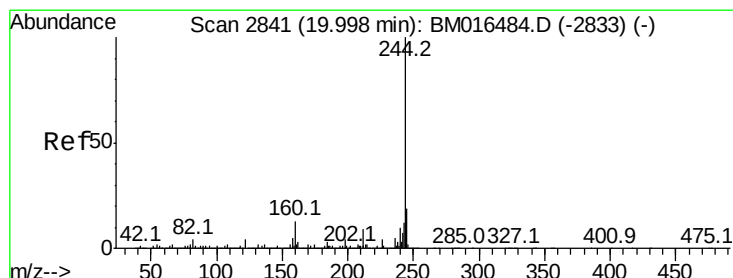
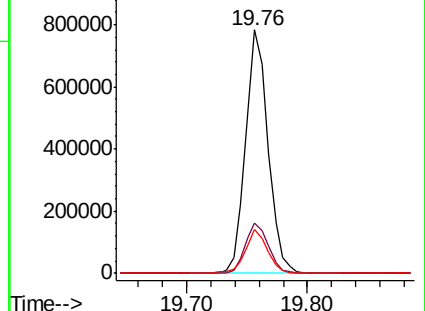
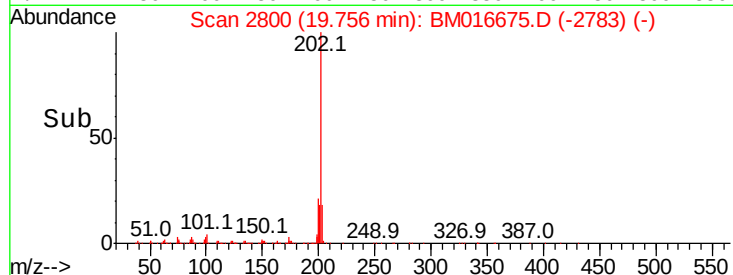
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.0	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.062 ng

RT: 19.94 min Scan# 2832

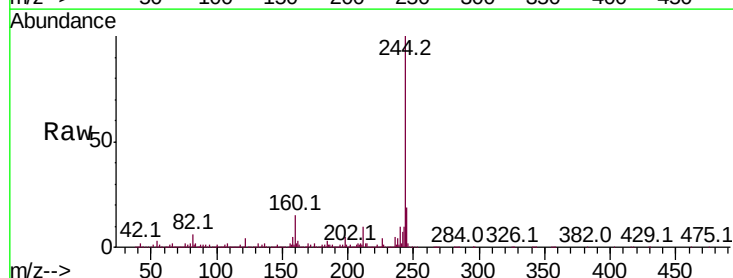
Delta R.T. -0.00 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Tgt Ion:244 Resp: 2181693

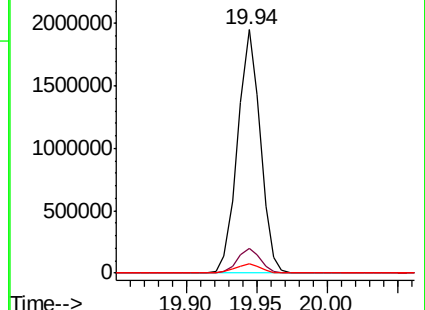
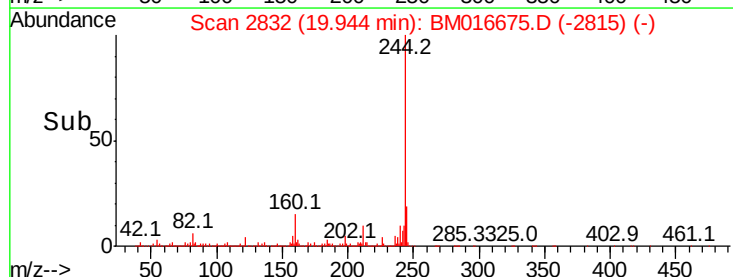
Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	3.6	6.2	9.4#

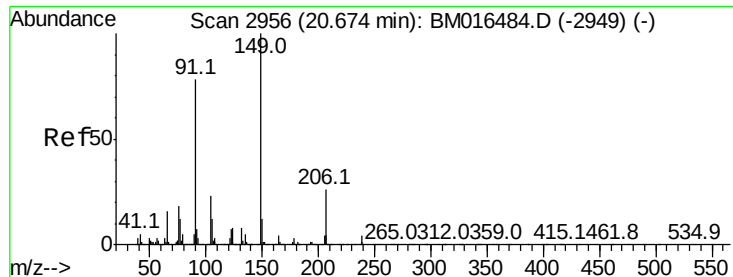


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

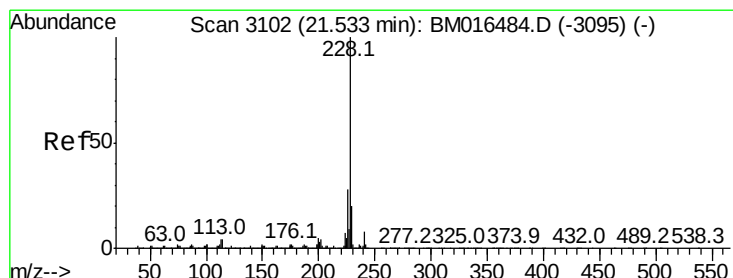
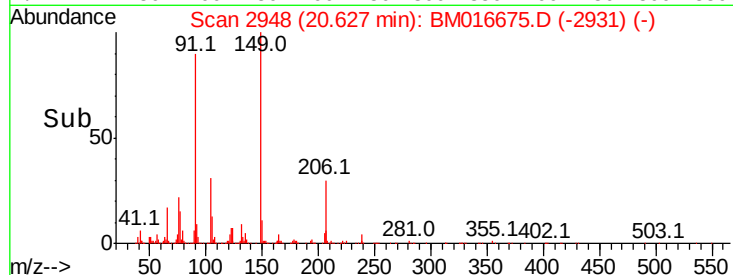
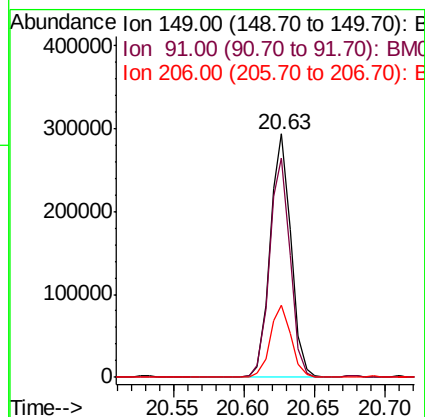
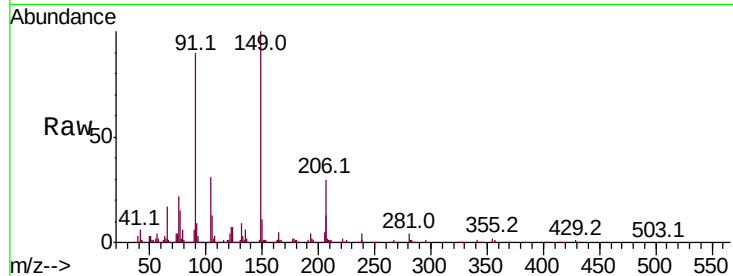




#79
Butylbenzylphthalate
Concen: 28.767 ng
RT: 20.63 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

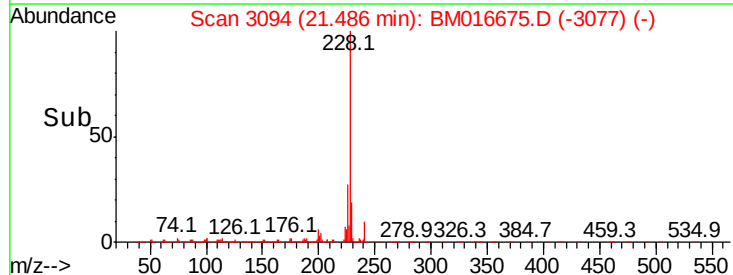
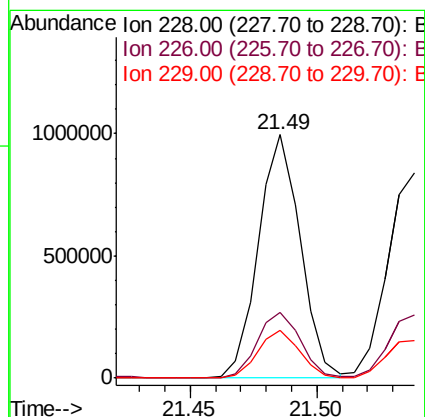
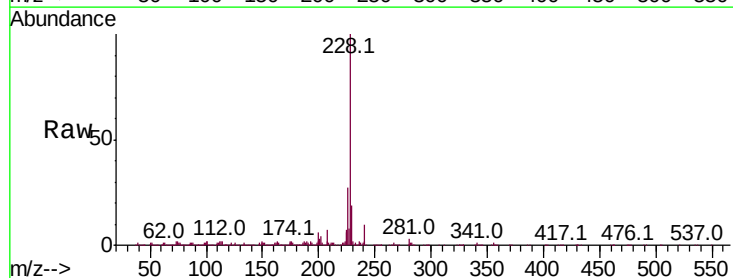
Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02MSD

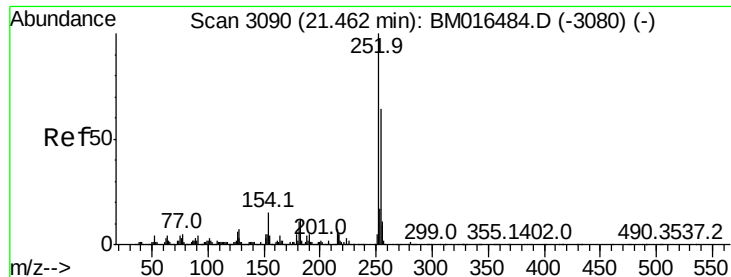
Tot Ion	Ratio	Lower	Upper
149	100		
91	89.8	50.1	75.1#
206	29.6	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 34.566 ng
RT: 21.49 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM016675.D
Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.4	16.0	24.0

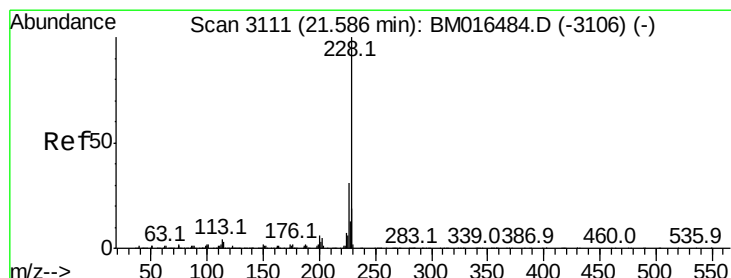
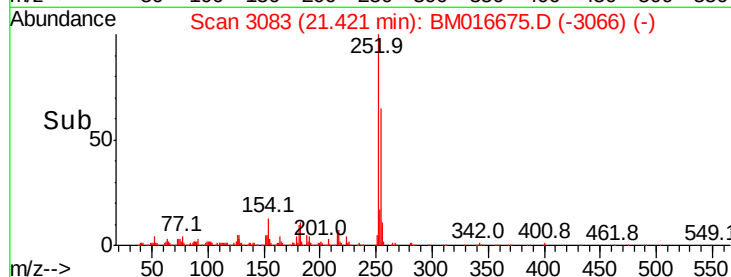
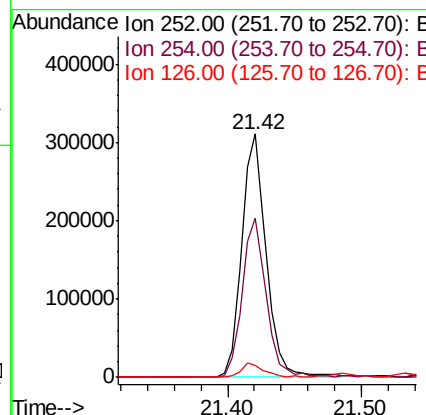
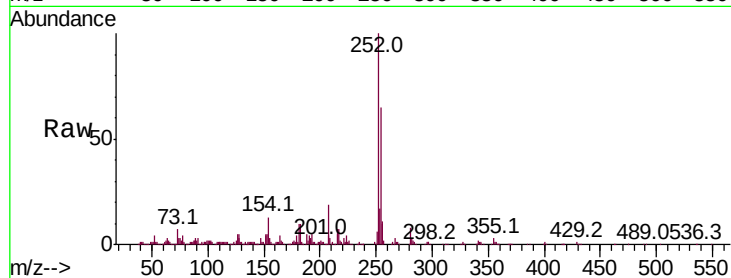




#81
 3,3'-Dichlorobenzidine
 Concen: 26.550 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

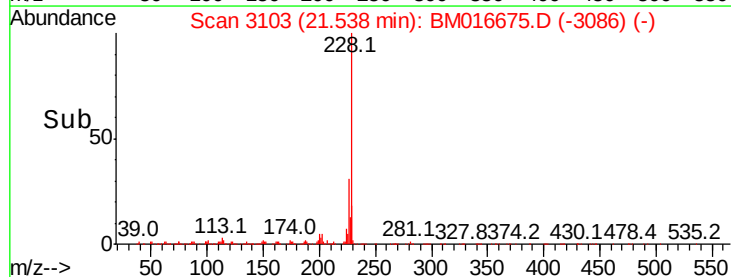
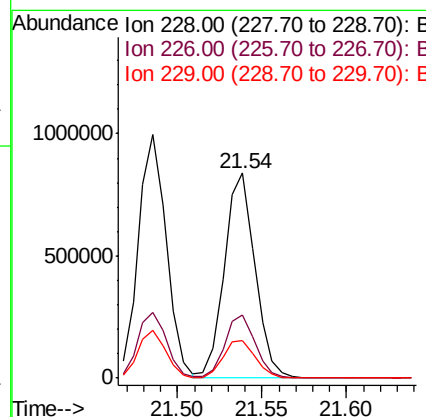
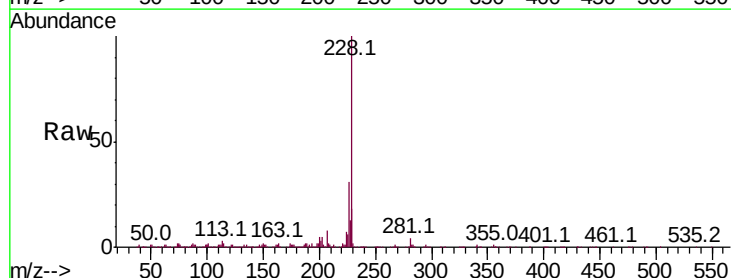
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

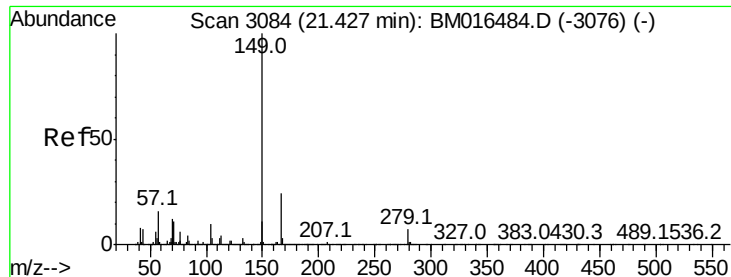
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	5.0	9.8	14.8#



#82
 Chrysene
 Concen: 33.597 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	18.4	15.5	23.3

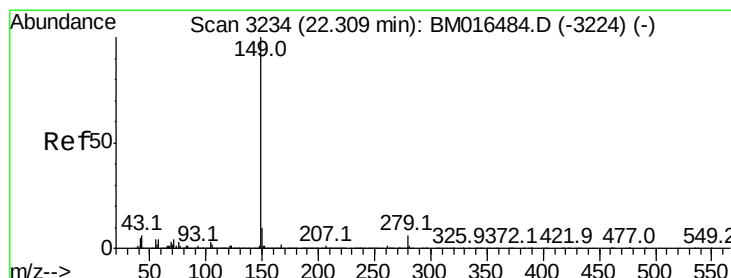
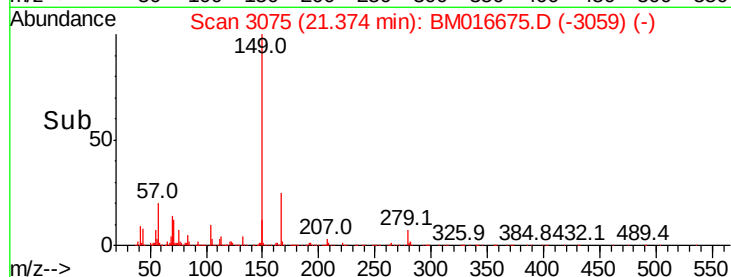
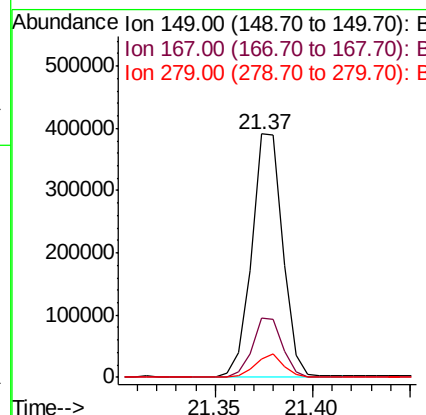
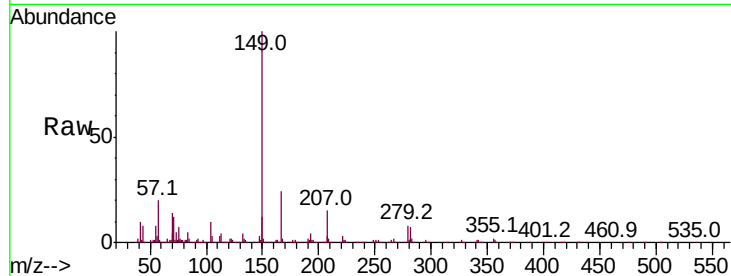




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.316 ng
 RT: 21.37 min Scan# 3075
 Delta R.T. -0.01 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

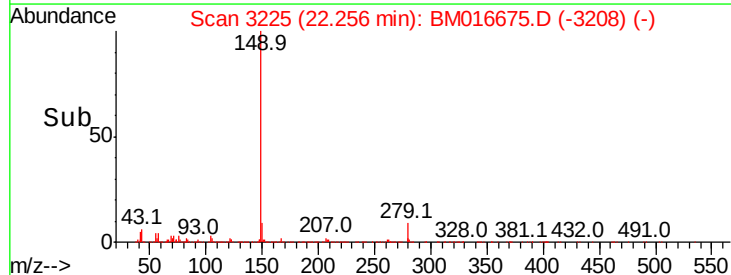
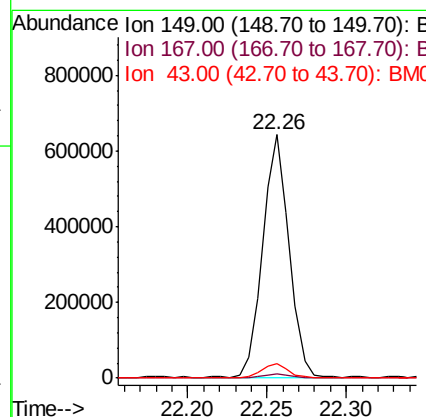
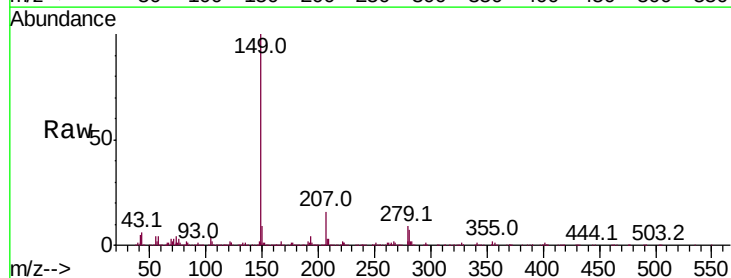
Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

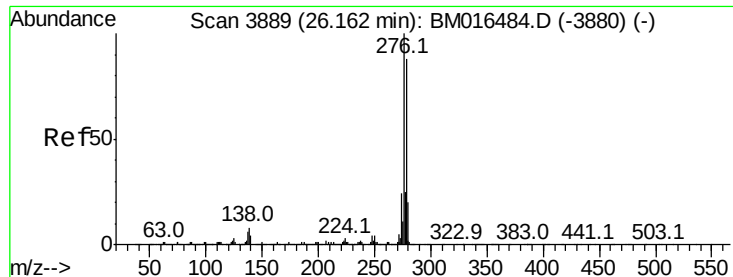
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.4	22.4	33.6
279	7.6	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 28.432 ng
 RT: 22.26 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8
43	6.2	7.3	10.9



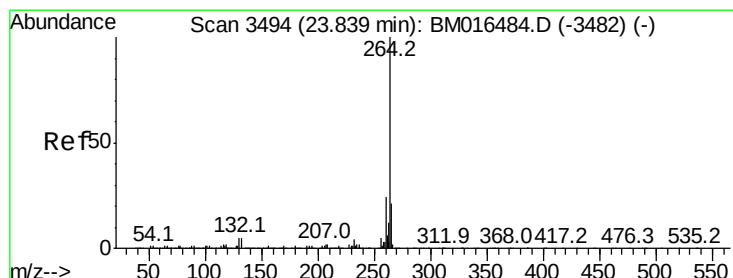
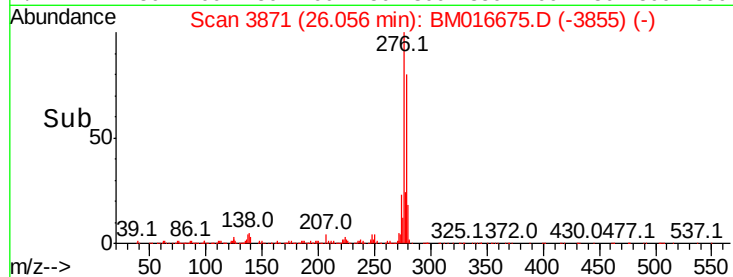
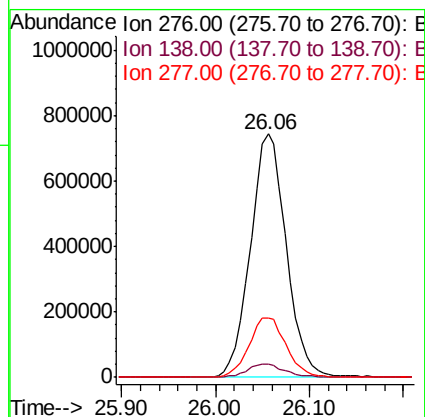
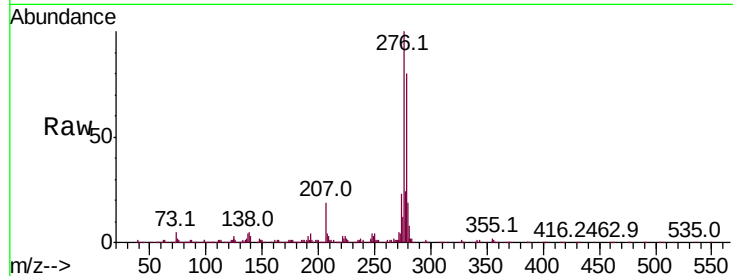


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.239 ng
 RT: 26.06 min Scan# 3871
 Delta R.T. -0.01 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Instrument :
 BNA_M
 ClientSampleId :
 EP1-SUT-UST-02MSD

Tot Ion:276 Resp: 1962788

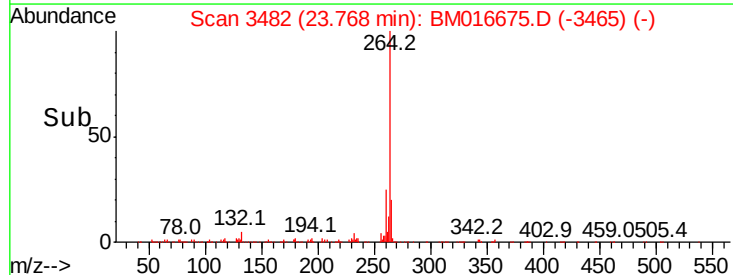
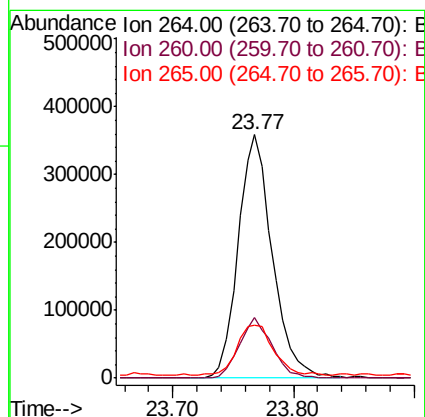
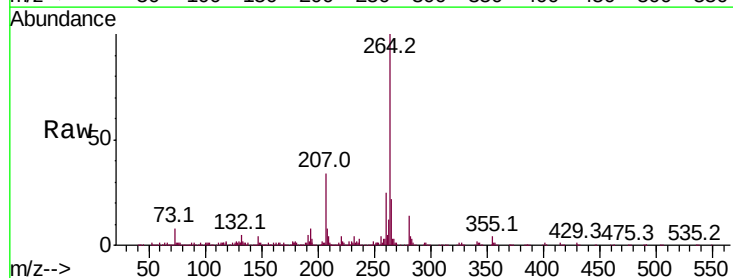
Ion	Ratio	Lower	Upper
276	100		
138	5.7	12.0	18.0#
277	25.3	20.0	30.0

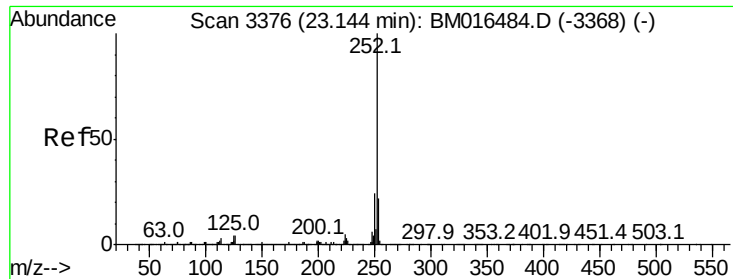


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.77 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM016675.D
 Acq: 05 Sep 2018 17:18

Tgt Ion:264 Resp: 706473

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.039 ng

RT: 23.09 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM016675.D

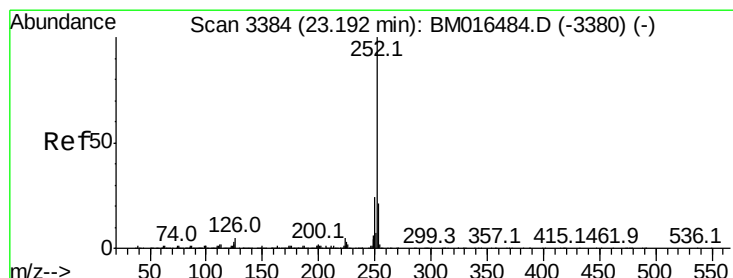
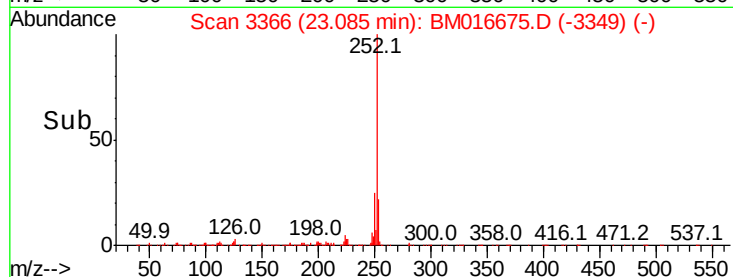
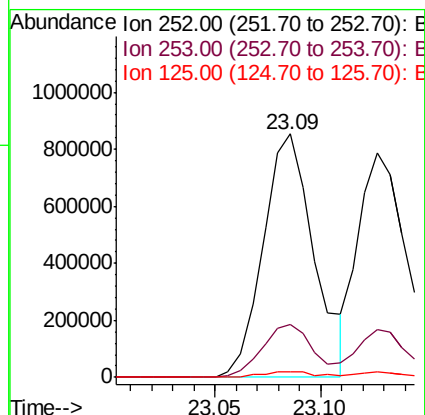
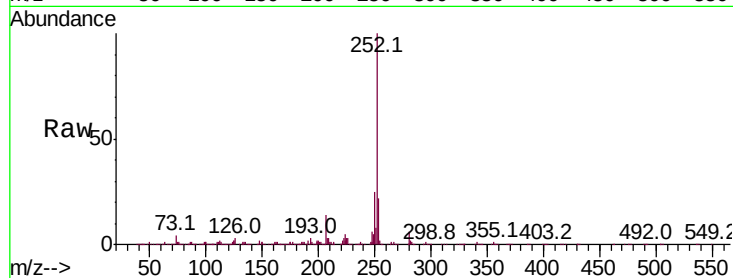
Acq: 05 Sep 2018 17:18

Instrument :
BNA_M

ClientSampleId :
EP1-SUT-UST-02MSD

Tot Ion:252 Resp: 1426949

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	2.2	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 31.000 ng

RT: 23.13 min Scan# 3373

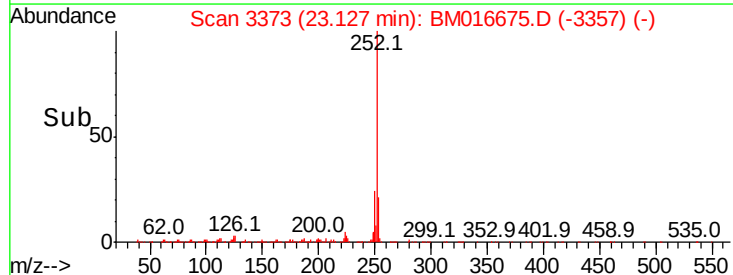
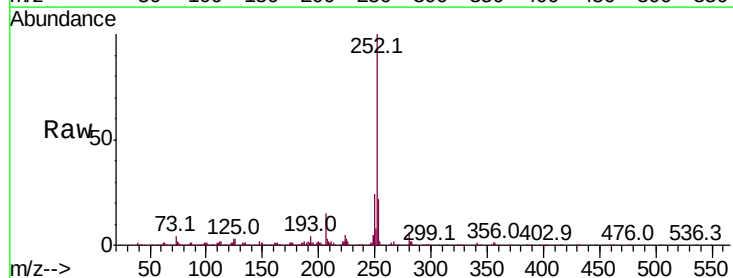
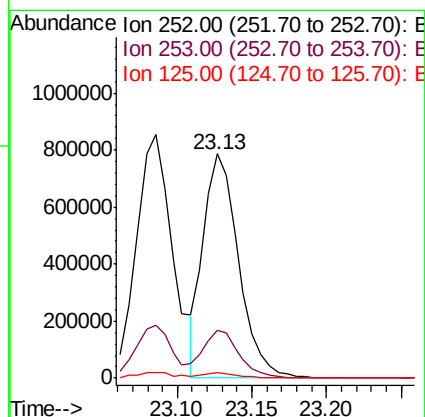
Delta R.T. -0.01 min

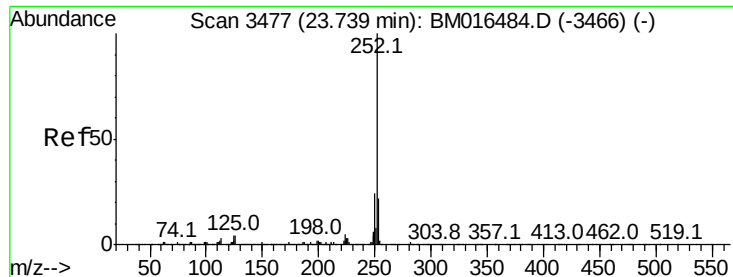
Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Tgt Ion:252 Resp: 1284543

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	2.8	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 34.745 ng

RT: 23.67 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

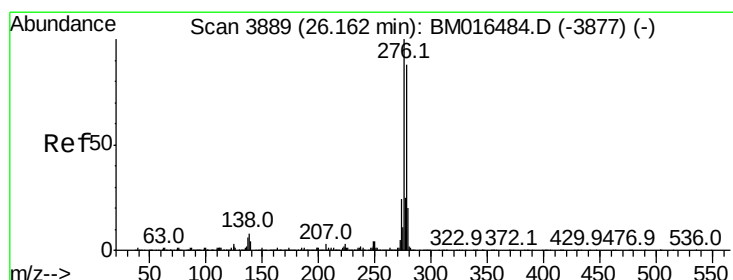
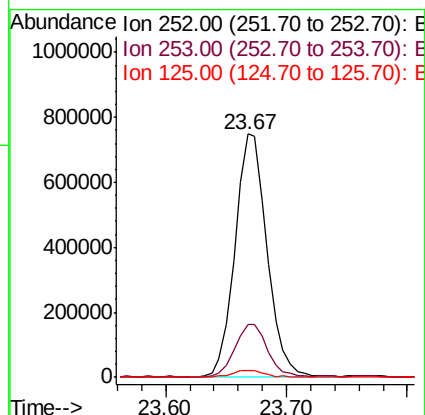
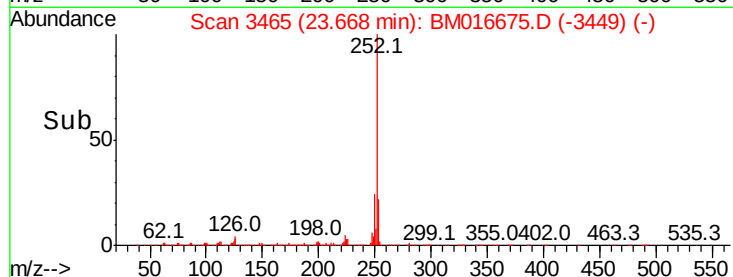
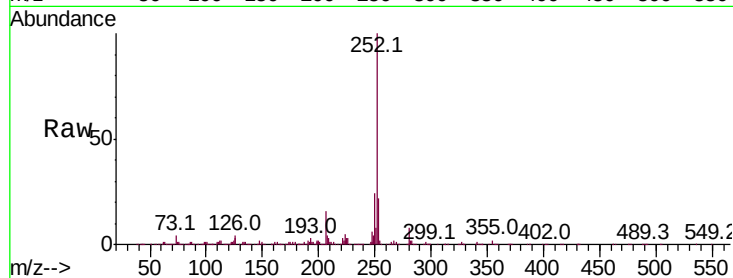
Tot Ion:252 Resp: 1376800

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 2.8 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 37.334 ng

RT: 26.05 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

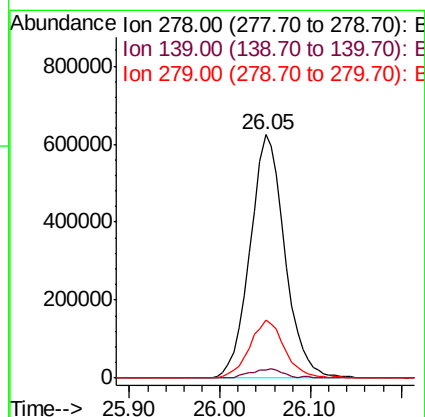
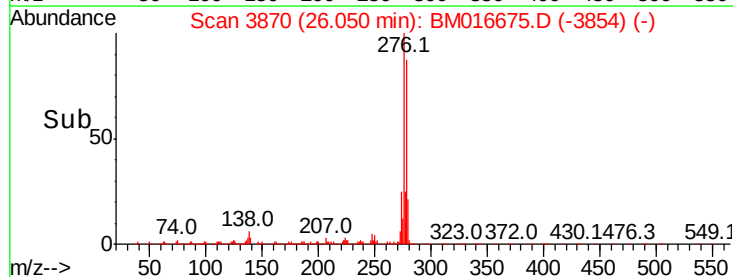
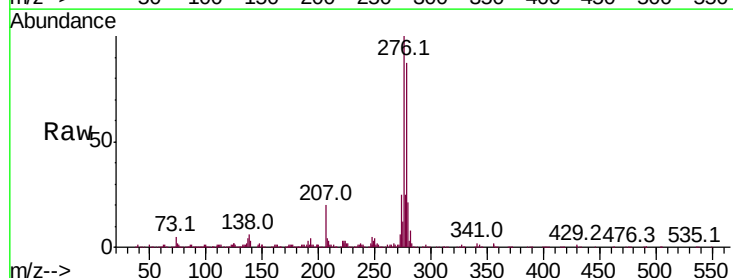
Tgt Ion:278 Resp: 1657977

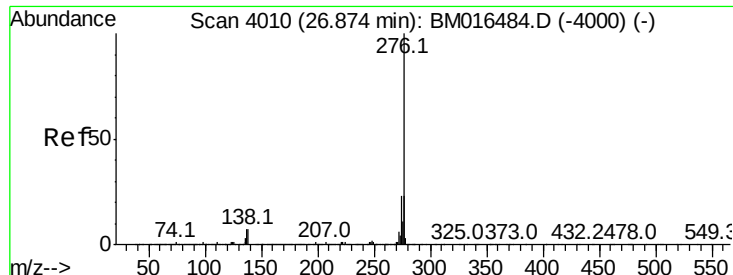
Ion Ratio Lower Upper

278 100

139 3.3 13.4 20.0#

279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.290 ng

RT: 26.76 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM016675.D

Acq: 05 Sep 2018 17:18

Instrument :

BNA_M

ClientSampleId :

EP1-SUT-UST-02MSD

Tot Ion:276 Resp: 1566242

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 4.4 19.0 28.6#

