

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
 Data File : BM019939.D
 Acq On : 17 Apr 2019 15:35
 Operator : JU/SJ
 Sample : K2203-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

Quant Time: Apr 17 18:01:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	170643	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	634712	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	304713	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	566590	20.00	ng	0.00
76) Chrysene-d12	21.17	240	516499	20.00	ng	0.00
87) Perylene-d12	23.37	264	698136	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1095835	104.07	ng	0.00
7) Phenol-d6	6.73	99	1314392	82.95	ng	0.00
23) Nitrobenzene-d5	8.70	82	1063617	74.94	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	470249	95.87	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1911522	78.18	ng	0.00
79) Terphenyl-d14	19.60	244	2103157	71.82	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.13	88	151185	33.273	ng	# 66
3) Pyridine	3.54	79	345726	27.169	ng	99
4) n-Nitrosodimethylamine	3.45	42	142345	34.725	ng	# 94
6) Aniline	6.89	93	98417	4.809	ng	96
8) 2-Chlorophenol	7.10	128	437075	33.375	ng	99
9) Benzaldehyde	6.70	77	165622	15.056	ng	96
10) Phenol	6.75	94	471580	27.238	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	423849	33.460	ng	99
12) 1,3-Dichlorobenzene	7.42	146	442729	32.202	ng	99
13) 1,4-Dichlorobenzene	7.56	146	457258	32.780	ng	99
14) 1,2-Dichlorobenzene	7.87	146	443840	32.090	ng	99
15) Benzyl Alcohol	7.79	79	433621	30.100	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	378127	31.313	ng	98
17) 2-Methylphenol	7.99	107	344751	30.086	ng	99
18) Hexachloroethane	8.57	117	168340	31.047	ng	98
19) n-Nitroso-di-n-propylamine	8.35	70	389590	27.968	ng	99
20) 3+4-Methylphenols	8.32	107	447609	28.436	ng	99
22) Acetophenone	8.36	105	674035	38.989	ng	# 100
24) Nitrobenzene	8.75	77	558871	38.012	ng	100
25) Isophorone	9.26	82	934118	33.811	ng	99
26) 2-Nitrophenol	9.45	139	224205	35.785	ng	99
27) 2,4-Dimethylphenol	9.50	122	352049	39.740	ng	99
28) bis(2-Chloroethoxy)methane	9.74	93	540558	34.941	ng	99
29) 2,4-Dichlorophenol	9.98	162	358928	35.674	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	412646	38.106	ng	99
31) Naphthalene	10.36	128	1268297	37.254	ng	99
32) Benzoic acid	9.69	122	134869	19.527	ng	98
33) 4-Chloroaniline	10.52	127	35600	2.538	ng	97
34) Hexachlorobutadiene	10.61	225	233452	36.553	ng	97
35) Caprolactam	11.33	113	71682m	18.822	ng	
36) 4-Chloro-3-methylphenol	11.63	107	382712	30.613	ng	100
37) 2-Methylnaphthalene	11.98	142	871795	35.174	ng	99
38) 1-Methylnaphthalene	12.20	142	820177	33.515	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	398919	42.437	ng	99

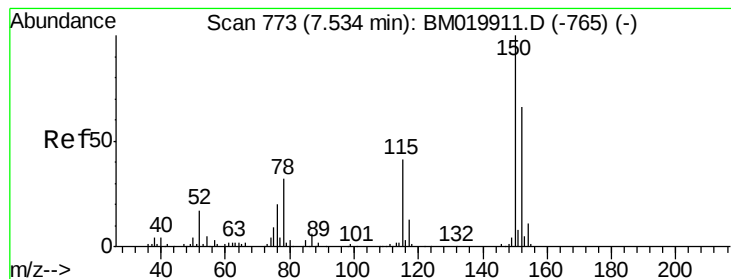
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
 Data File : BM019939.D
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 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	244062	74.306	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	257537	40.410	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	251171	37.867	ng	99
46) 1,1'-Biphenyl	13.02	154	1076093	40.773	ng	99
47) 2-Chloronaphthalene	13.06	162	819437	40.705	ng	99
48) 2-Nitroaniline	13.30	65	254384	35.057	ng	99
49) Acenaphthylene	13.92	152	1283252	36.636	ng	99
50) Dimethylphthalate	13.67	163	969611	36.075	ng	100
51) 2,6-Dinitrotoluene	13.80	165	205508	34.577	ng	89
52) Acenaphthene	14.26	154	734192	37.804	ng	100
53) 3-Nitroaniline	14.16	138	28894	4.869	ng	98
54) 2,4-Dinitrophenol	14.38	184	96044	32.010	ng	98
55) Dibenzofuran	14.60	168	1169991	36.841	ng	99
56) 4-Nitrophenol	14.48	139	219324	49.265	ng	98
57) 2,4-Dinitrotoluene	14.61	165	279232	32.684	ng	99
58) Fluorene	15.25	166	920719	34.215	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	214698	35.474	ng	99
60) Diethylphthalate	15.03	149	971830	34.766	ng	100
61) 4-Chlorophenyl-phenylether	15.24	204	460496	35.542	ng	94
62) 4-Nitroaniline	15.33	138	134238	22.958	ng	98
63) Azobenzene	15.54	77	1050884	35.174	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	76668	21.208	ng	95
66) n-Nitrosodiphenylamine	15.47	169	761078	41.088	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	257585	39.542	ng	98
68) Hexachlorobenzene	16.25	284	303630	38.846	ng	99
69) Atrazine	16.44	200	238169	37.876	ng	99
70) Pentachlorophenol	16.62	266	280418	70.216	ng	98
71) Phenanthrene	17.00	178	1247834	37.112	ng	99
72) Anthracene	17.09	178	1260357	37.657	ng	100
73) Carbazole	17.38	167	1111822	35.580	ng	100
74) Di-n-butylphthalate	17.93	149	1483733	36.155	ng	100
75) Fluoranthene	19.03	202	1307222	33.783	ng	99
77) Benzidine	19.24	184	225526	15.825	ng	98
78) Pyrene	19.40	202	1341573	39.223	ng	100
80) Butylbenzylphthalate	20.30	149	649219	39.150	ng	99
81) Benzo(a)anthracene	21.16	228	1330308	40.659	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	235932	19.381	ng	97
83) Chrysene	21.21	228	1317848	42.000	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	969921	39.288	ng	100
85) Di-n-octyl phthalate	21.94	149	1765166	44.065	ng	100
86) Indeno(1,2,3-cd)pyrene	25.58	276	2259908	73.214	ng	100
88) Benzo(b)fluoranthene	22.71	252	1683832	36.323	ng	99
89) Benzo(k)fluoranthene	22.76	252	1607660	36.837	ng	99
90) Benzo(a)pyrene	23.27	252	1643097	40.002	ng	98
91) Dibenzo(a,h)anthracene	25.58	278	1936403	48.897	ng	97
92) Benzo(g,h,i)perylene	26.26	276	1838559	51.258	ng	99

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

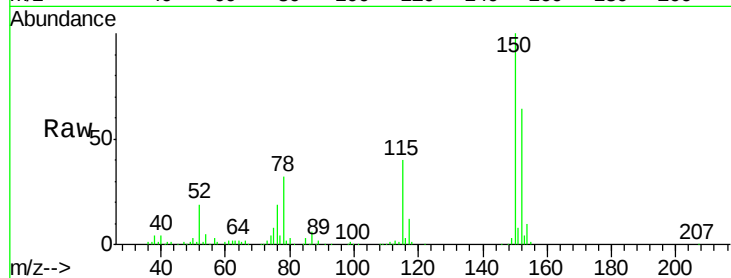


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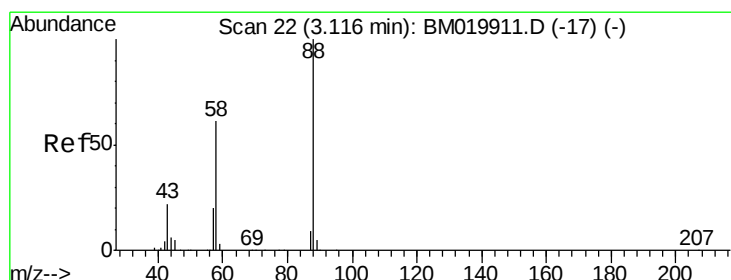
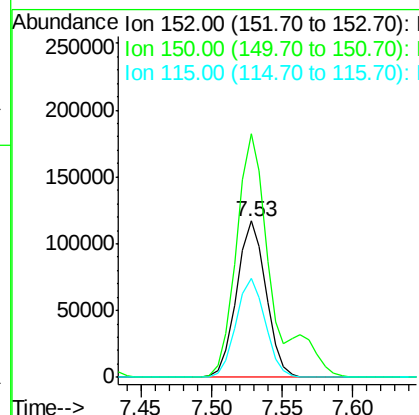
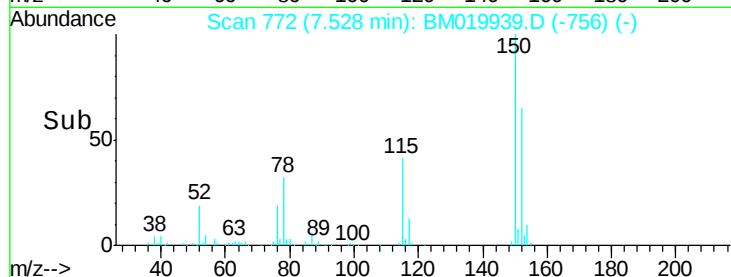
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

Tgt Ion: 152 Resp: 170643
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 63.1 50.0 75.0



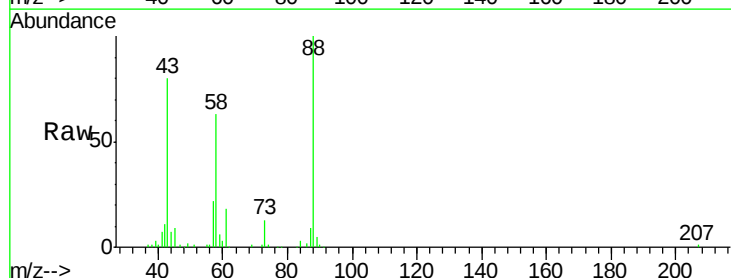
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



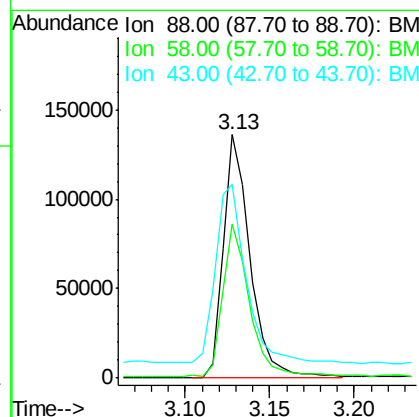
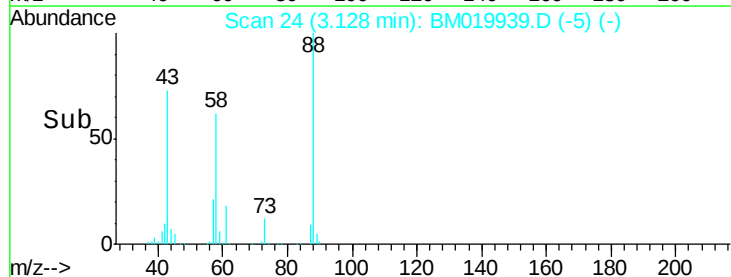
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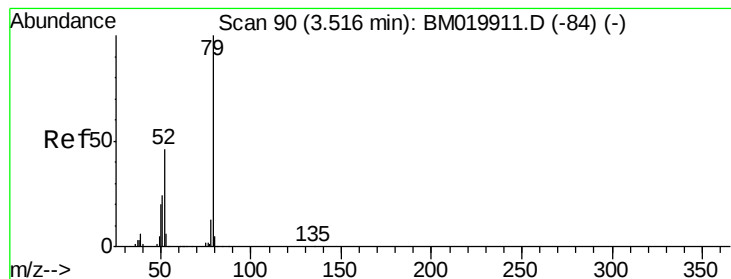
1,4-Dioxane
Concen: 33.273 ng
RT: 3.13 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion: 88 Resp: 151185
Ion Ratio Lower Upper
88 100
58 62.5 49.6 74.4
43 83.3 18.6 27.8#



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

Pyridine

Concen: 27.169 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.02 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

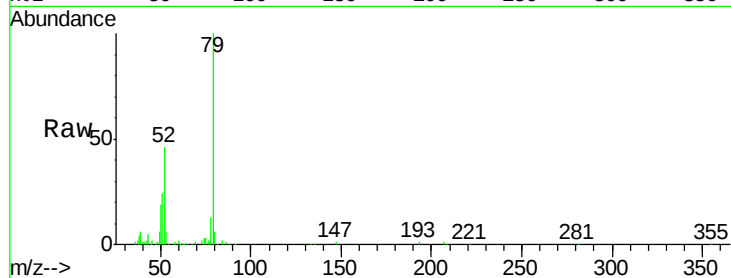
Tgt Ion: 79 Resp: 345726

Ion Ratio Lower Upper

79 100

52 45.8 36.9 55.3

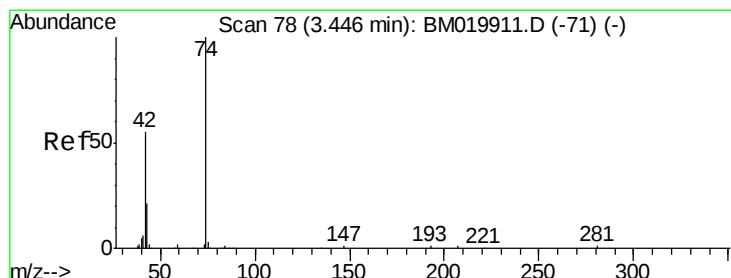
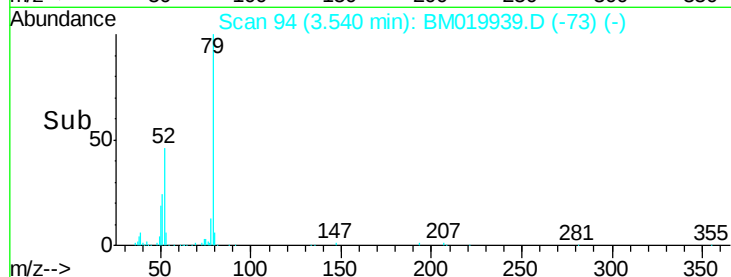
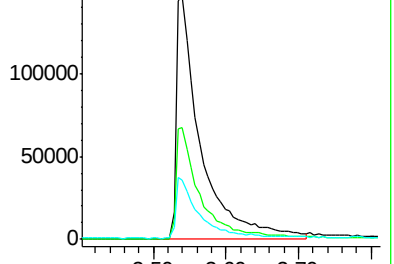
51 24.4 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019939.D (-73) (-)

Ion 52.00 (51.70 to 52.70): BM019939.D (-73) (-)

Ion 51.00 (50.70 to 51.70): BM019939.D (-73) (-)



#4

n-Nitrosodimethylamine

Concen: 34.725 ng

RT: 3.45 min Scan# 79

Delta R.T. 0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

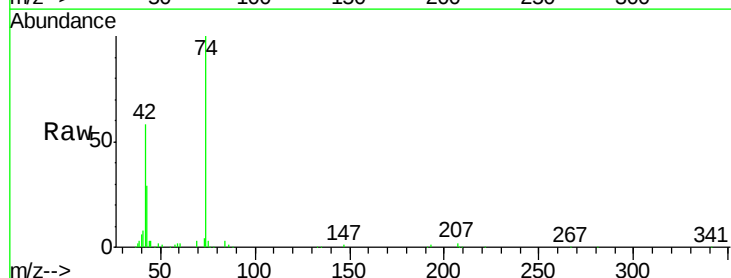
Tgt Ion: 42 Resp: 142345

Ion Ratio Lower Upper

42 100

74 171.5 144.6 217.0

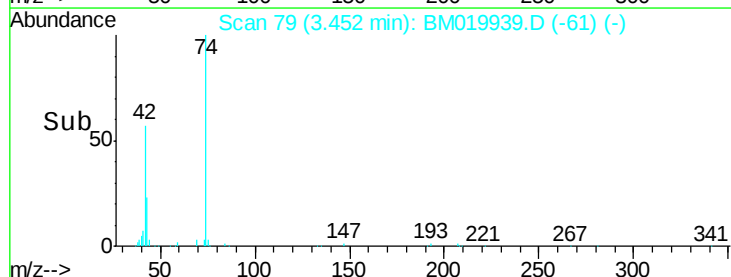
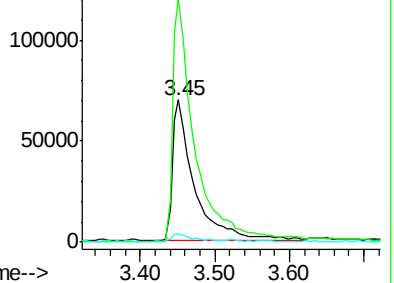
44 5.4 5.4 8.2#

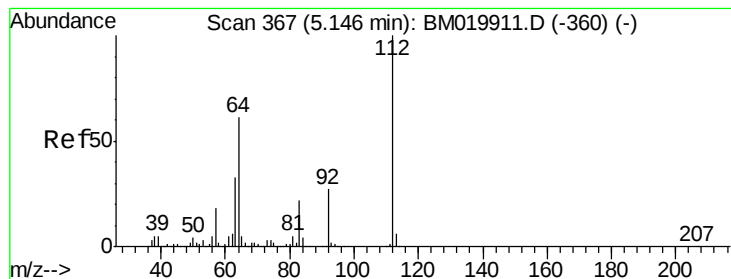


Abundance Ion 42.00 (41.70 to 42.70): BM019939.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM019939.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM019939.D (-61) (-)





#5

2-Fluorophenol

Concen: 104.075 ng

RT: 5.15 min Scan# 367

Delta R.T. 0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

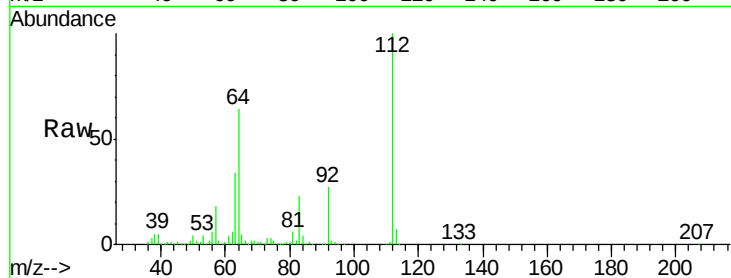
Tgt Ion: 112 Resp: 1095835

Ion Ratio Lower Upper

112 100

64 63.6 49.1 73.7

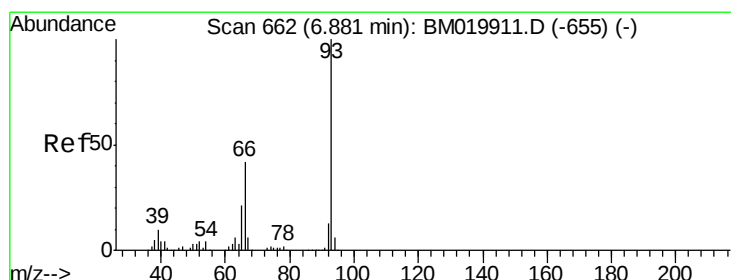
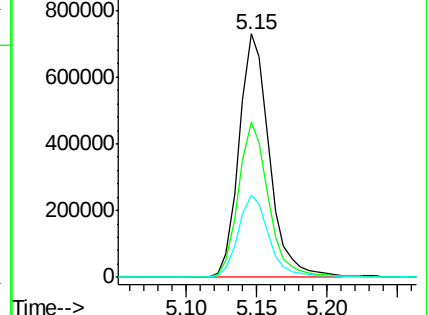
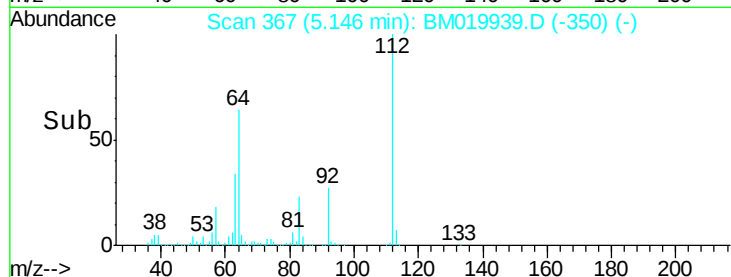
63 34.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 4.809 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

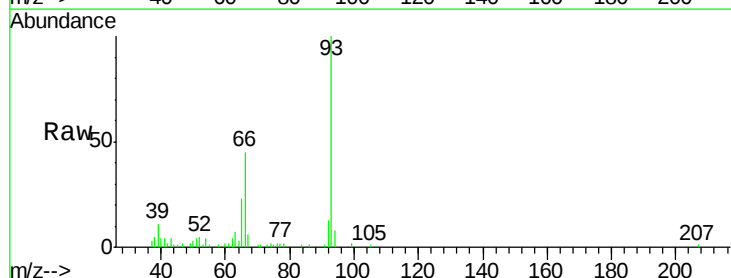
Tgt Ion: 93 Resp: 98417

Ion Ratio Lower Upper

93 100

66 45.3 33.9 50.9

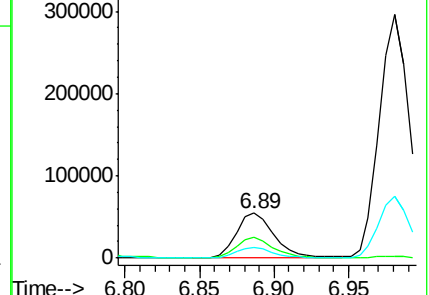
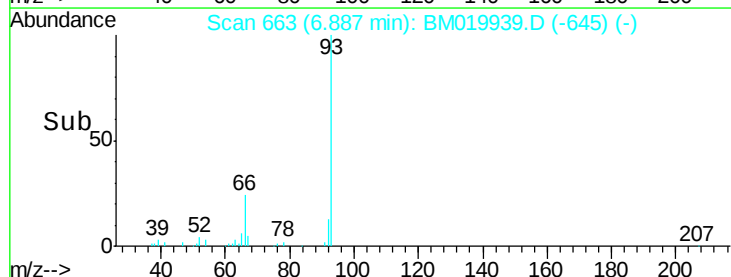
65 23.2 17.0 25.6

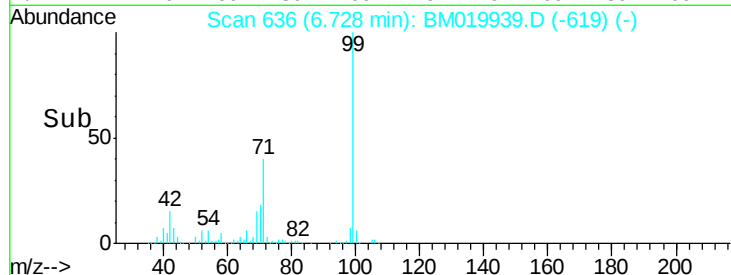
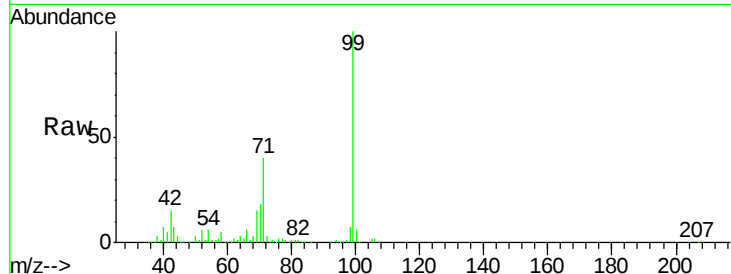
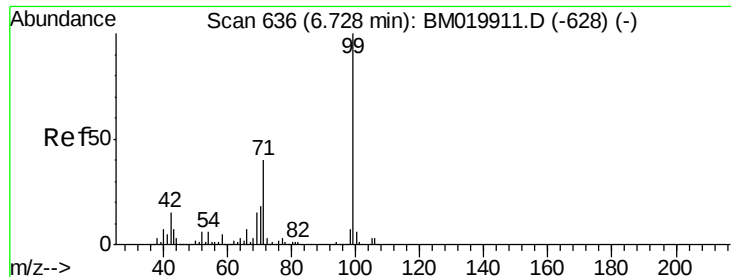


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 82.946 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

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SU-01-041519-AMS

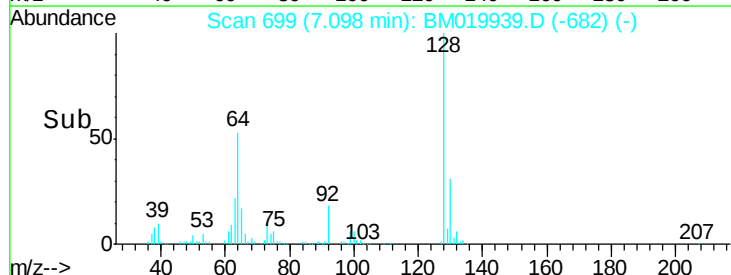
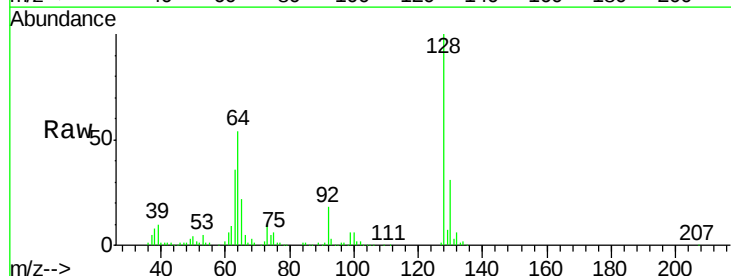
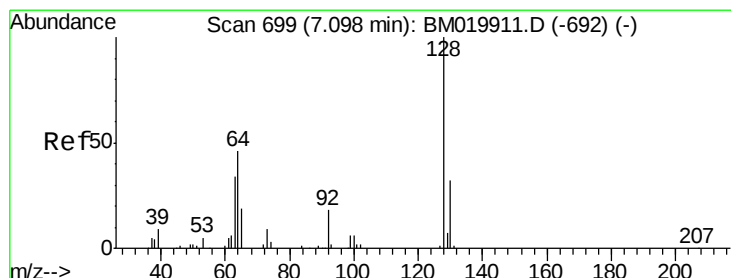
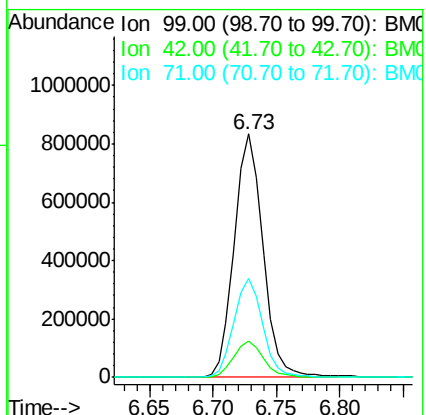
Tgt Ion: 99 Resp: 1314392

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 40.4 32.0 48.0



#8

2-Chlorophenol

Concen: 33.375 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

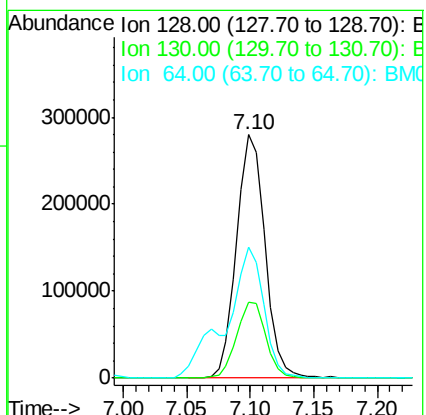
Tgt Ion: 128 Resp: 437075

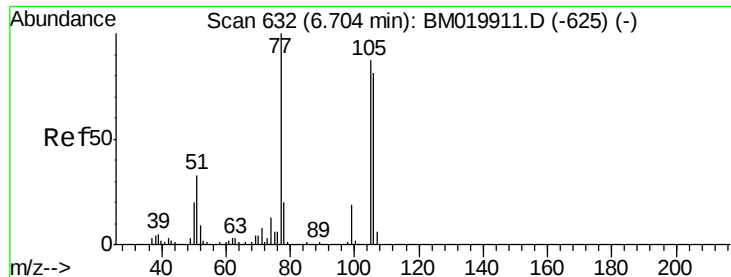
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 53.6 33.0 73.0





#9

Benzaldehyde

Concen: 15.056 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

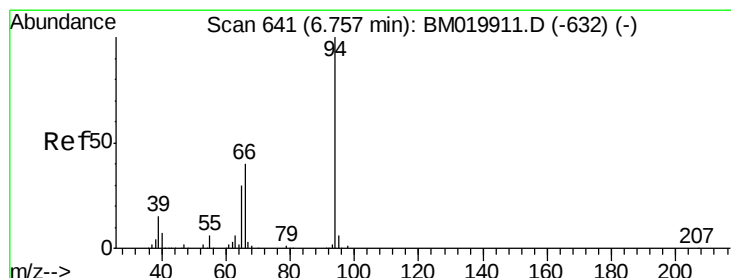
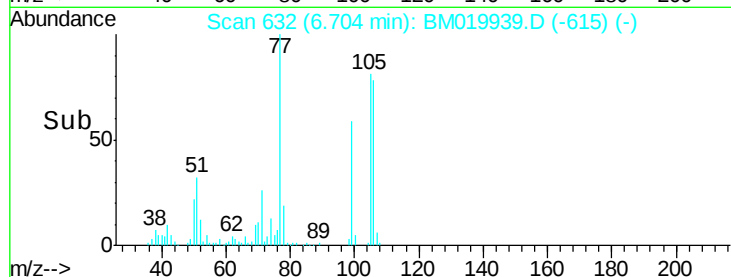
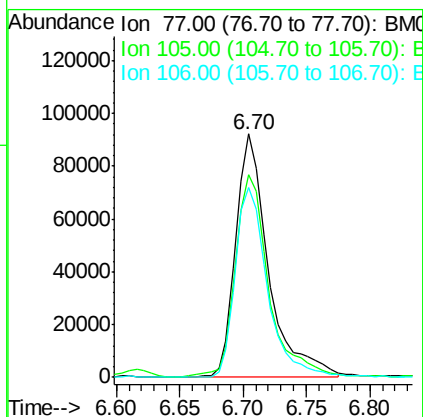
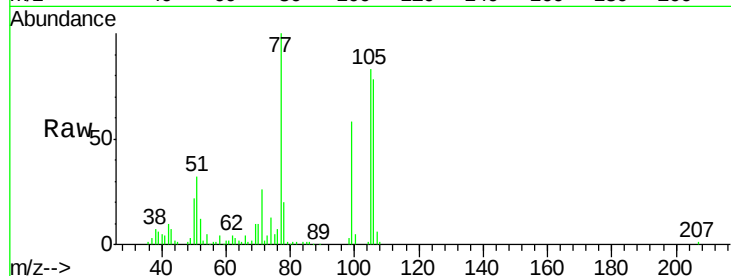
Tgt Ion: 77 Resp: 165622

Ion Ratio Lower Upper

77 100

105 83.0 67.3 107.3

106 78.0 60.6 100.6



#10

Phenol

Concen: 27.238 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

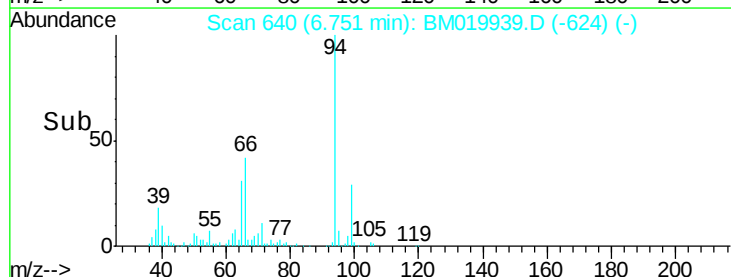
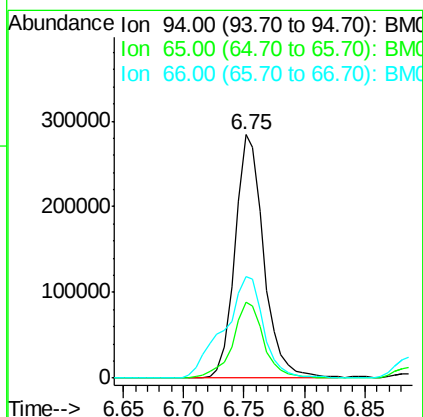
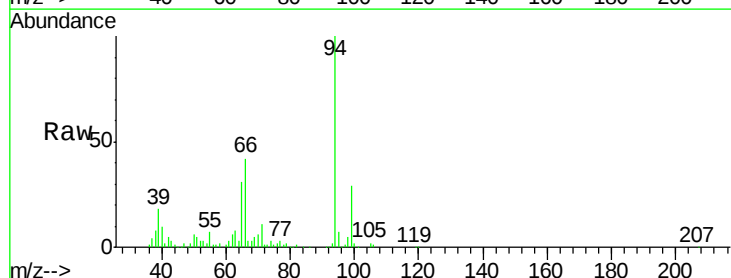
Tgt Ion: 94 Resp: 471580

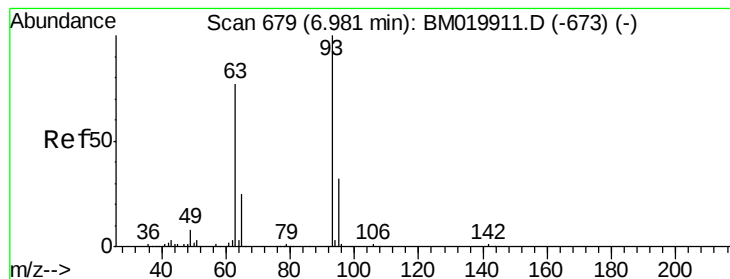
Ion Ratio Lower Upper

94 100

65 31.4 10.0 50.0

66 41.7 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 33.460 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

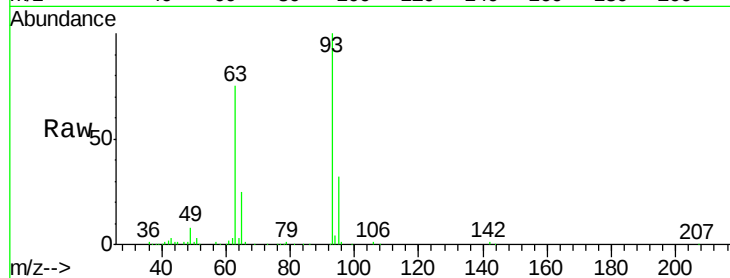
Tgt Ion: 93 Resp: 423849

Ion Ratio Lower Upper

93 100

63 75.1 55.8 95.8

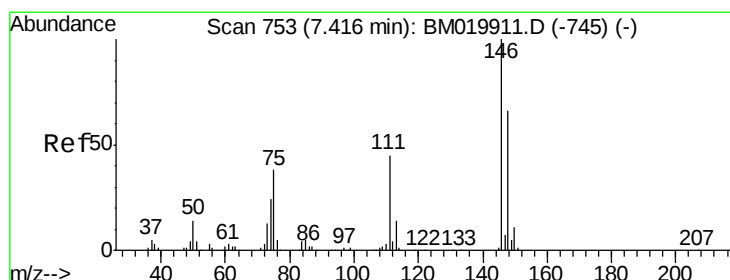
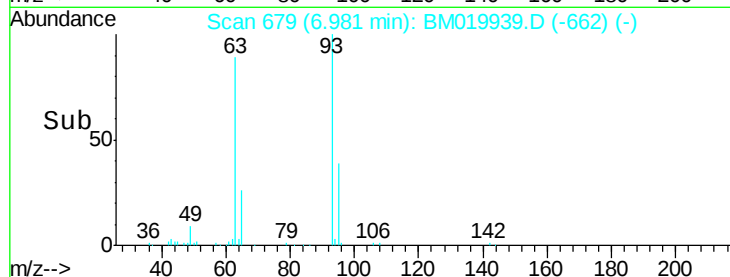
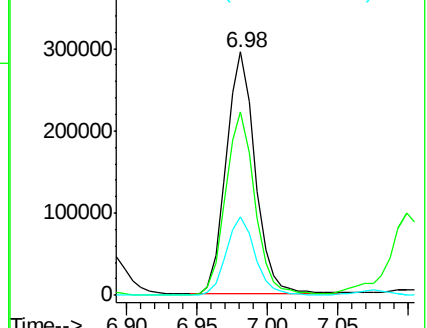
95 32.4 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM019911.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019911.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 32.202 ng

RT: 7.42 min Scan# 753

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

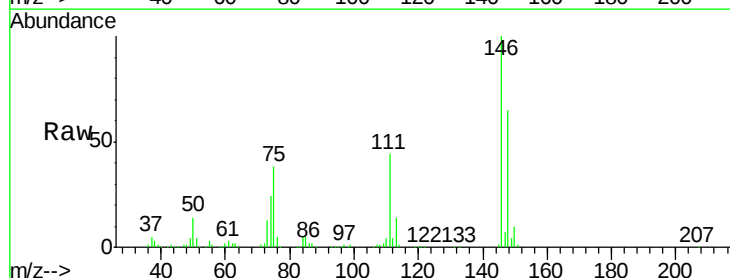
Tgt Ion: 146 Resp: 442729

Ion Ratio Lower Upper

146 100

148 65.1 52.6 78.8

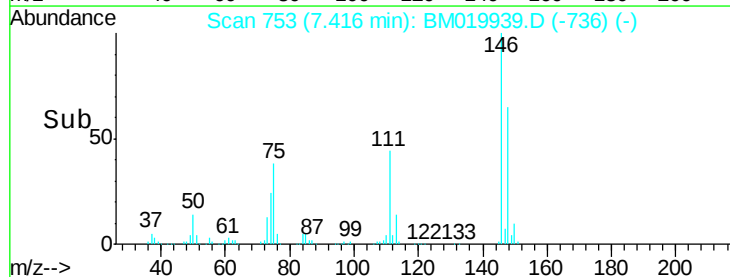
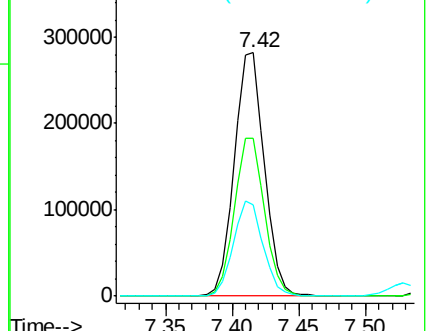
75 37.6 30.0 45.0

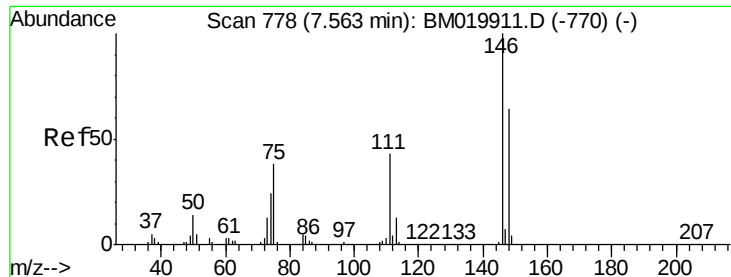


Abundance Ion 146.00 (145.70 to 146.70): BM019911.D (-745) (-)

Ion 148.00 (147.70 to 148.70): BM019911.D (-745) (-)

Ion 75.00 (74.70 to 75.70): BM019911.D (-745) (-)

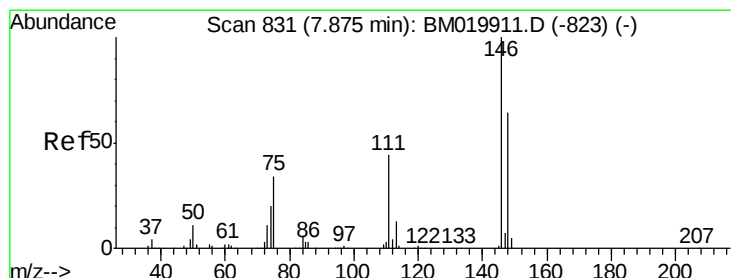
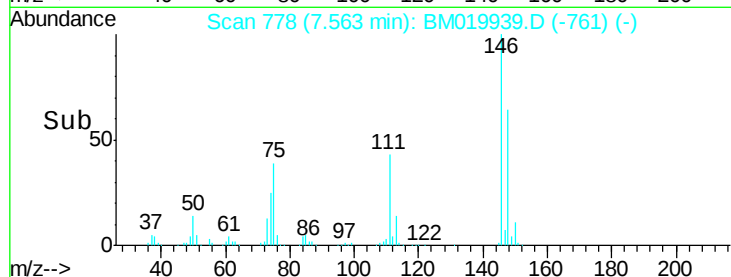
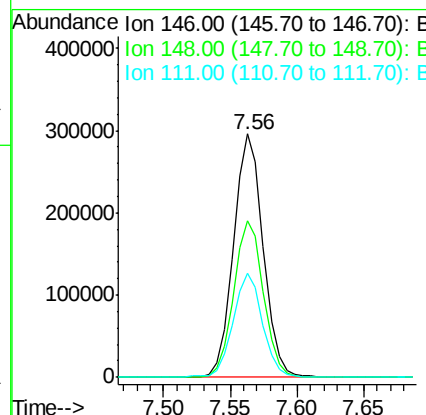
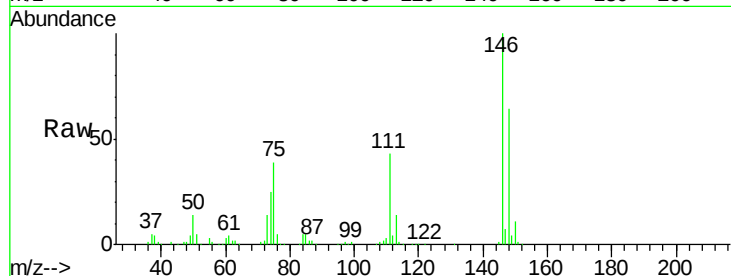




#13
 1,4-Dichlorobenzene
 Concen: 32.780 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

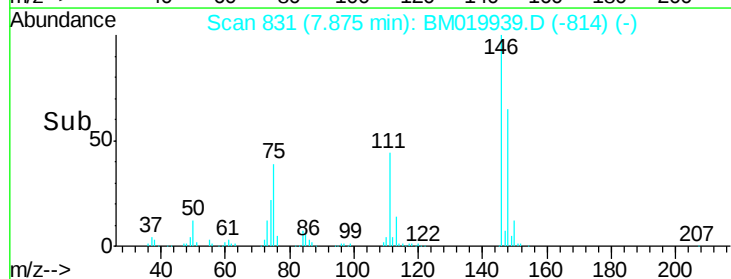
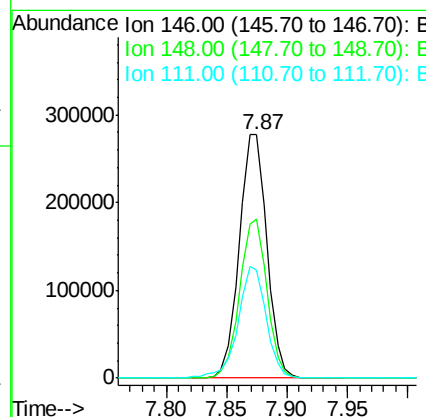
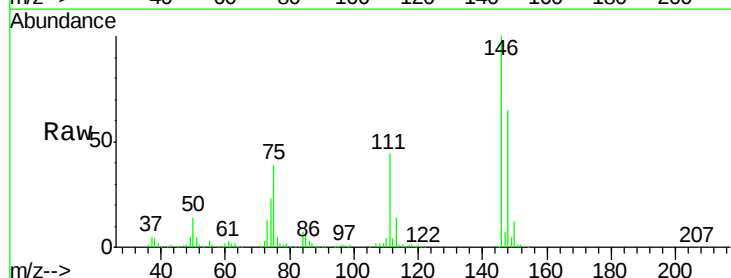
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

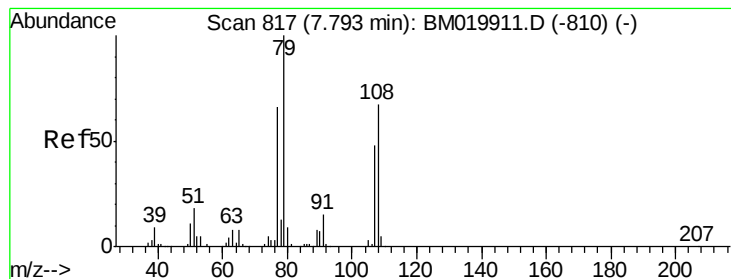
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.0	34.6	51.8



#14
 1,2-Dichlorobenzene
 Concen: 32.090 ng
 RT: 7.87 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
111	44.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 30.100 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

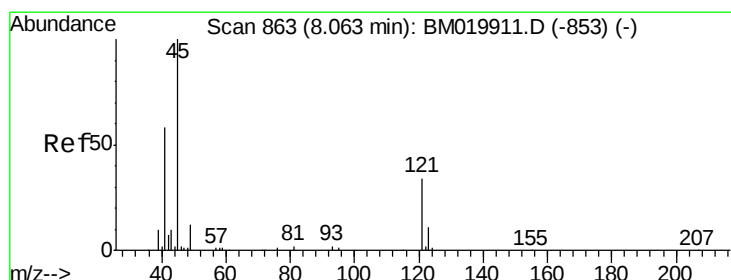
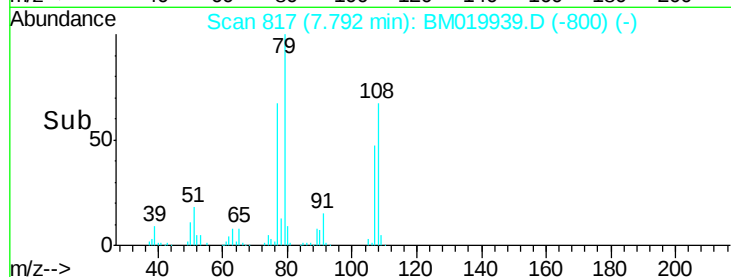
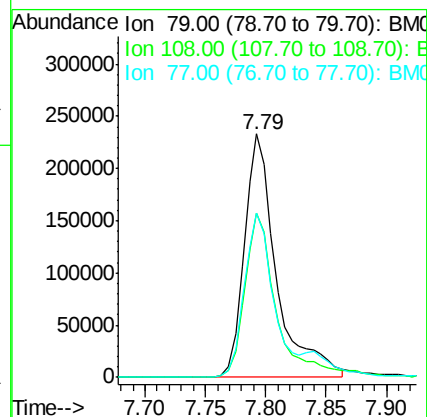
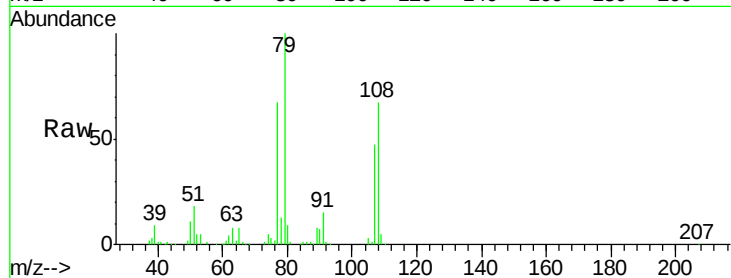
Tgt Ion: 79 Resp: 433621

Ion Ratio Lower Upper

79 100

108 67.3 53.9 80.9

77 67.5 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.313 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

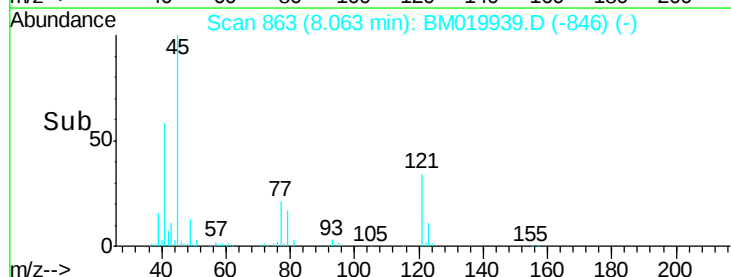
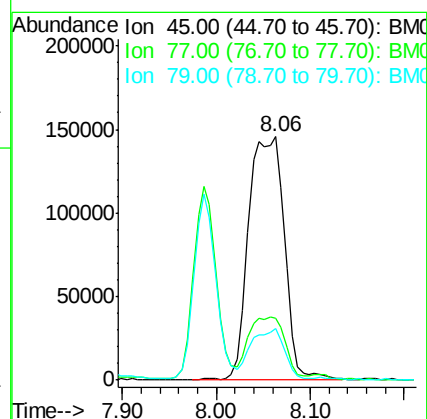
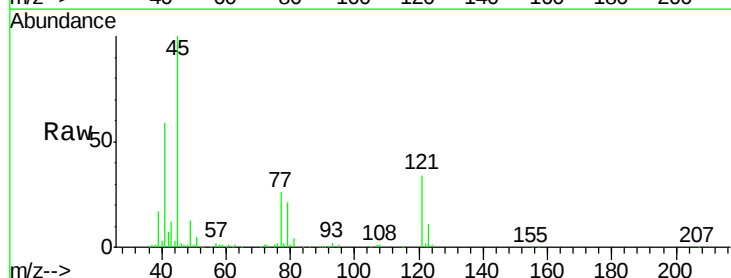
Tgt Ion: 45 Resp: 378127

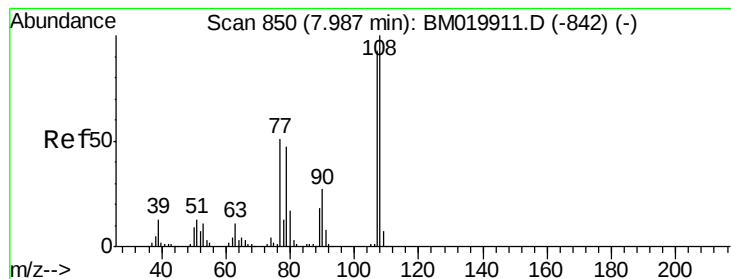
Ion Ratio Lower Upper

45 100

77 25.6 7.2 47.2

79 21.2 1.2 41.2





#17

2-Methylphenol

Concen: 30.086 ng

RT: 7.99 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

Tgt Ion:107 Resp: 344751

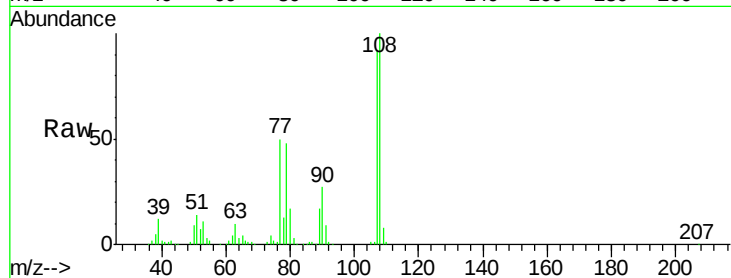
Ion Ratio Lower Upper

107 100

108 108.4 85.9 128.9

77 53.9 43.8 65.6

79 51.8 41.1 61.7

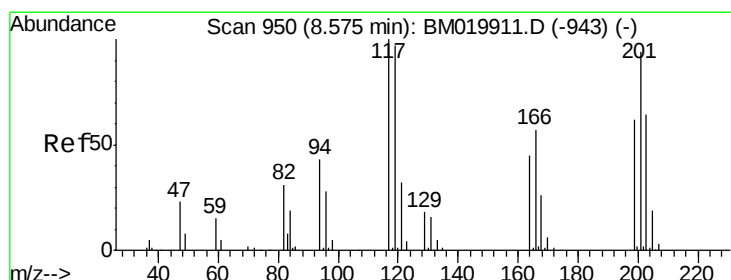
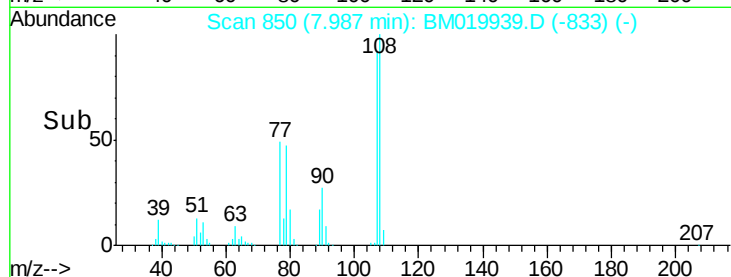
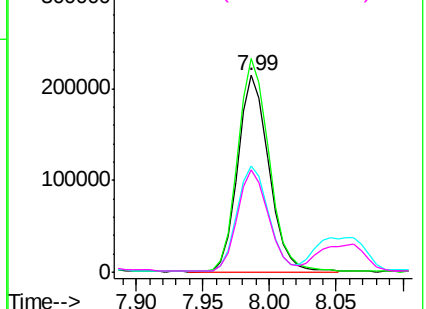


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 31.047 ng

RT: 8.57 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

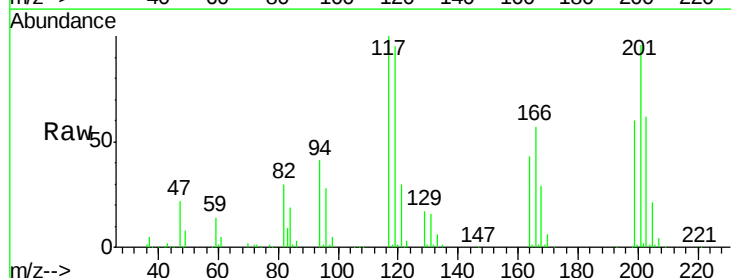
Tgt Ion:117 Resp: 168340

Ion Ratio Lower Upper

117 100

119 94.7 77.6 116.4

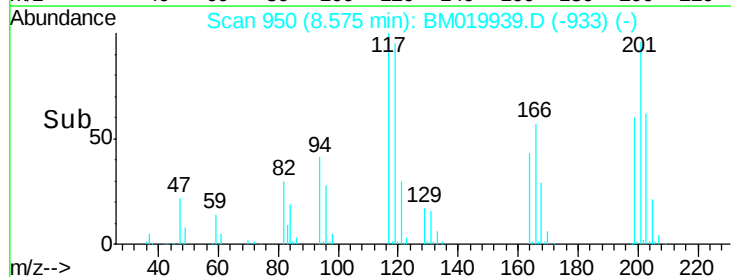
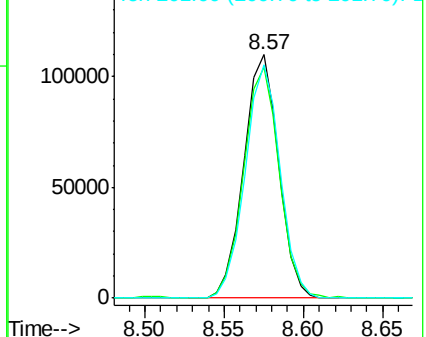
201 95.8 75.4 113.2

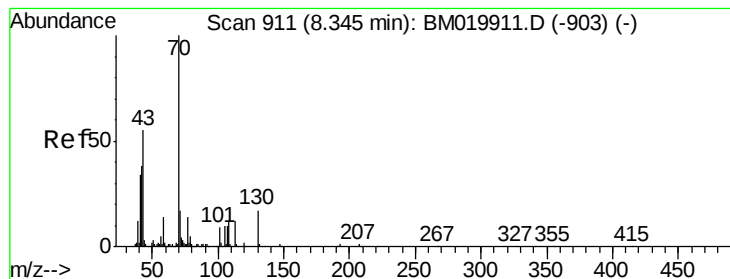


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.968 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

Tgt Ion: 70 Resp: 389590

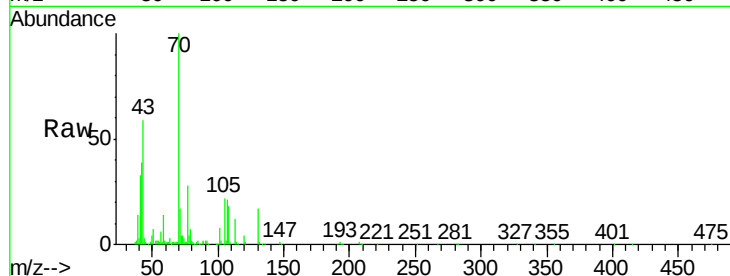
Ion Ratio Lower Upper

70 100

42 38.9 30.3 45.5

101 8.2 6.9 10.3

130 17.3 13.8 20.6

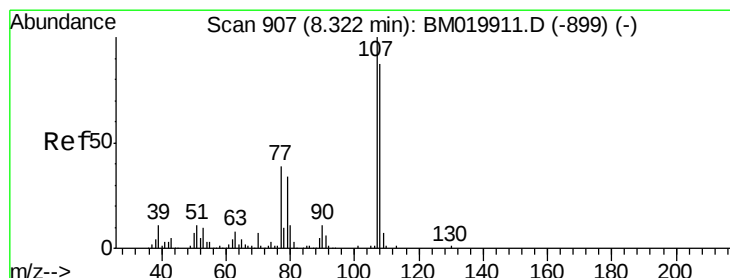
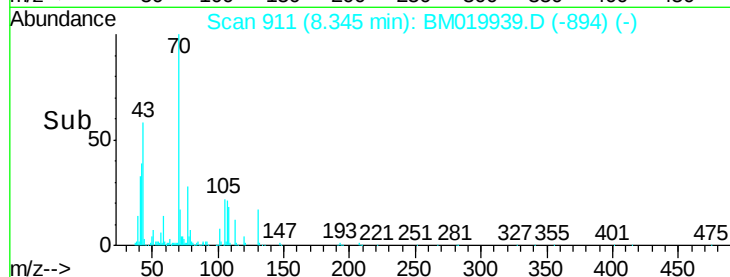
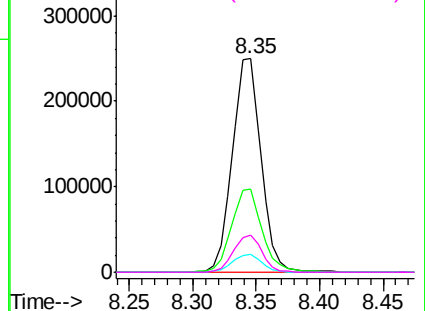


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 28.436 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Tgt Ion: 107 Resp: 447609

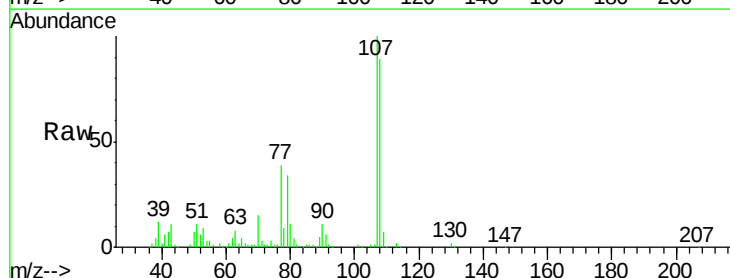
Ion Ratio Lower Upper

107 100

108 89.0 67.4 107.4

77 38.8 19.7 59.7

79 34.3 14.1 54.1

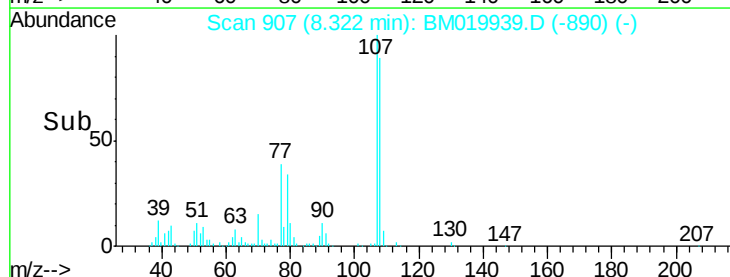
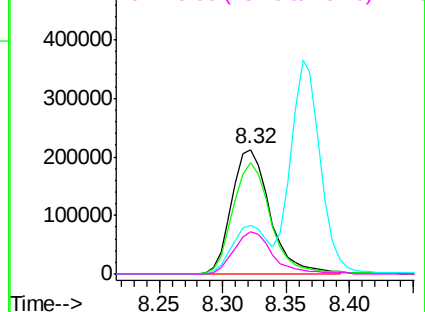


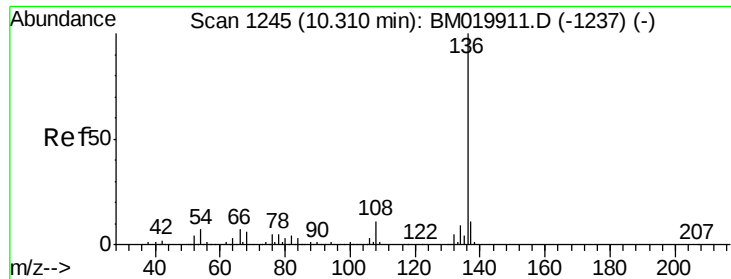
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

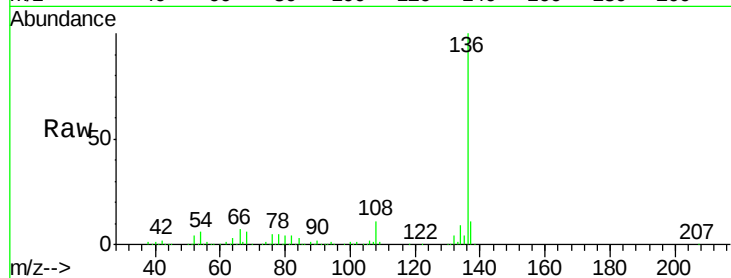




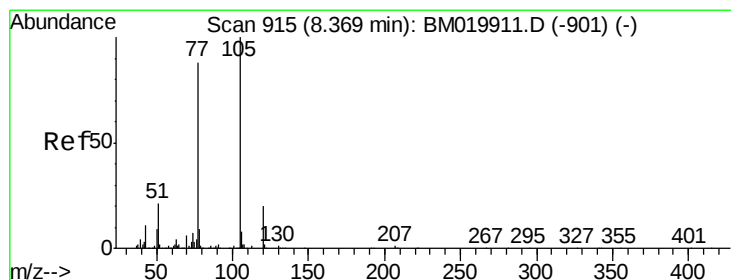
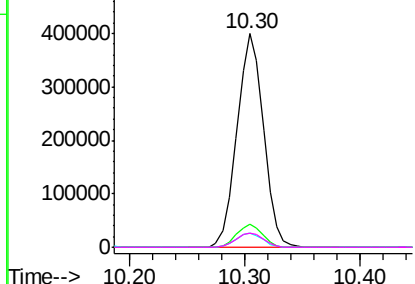
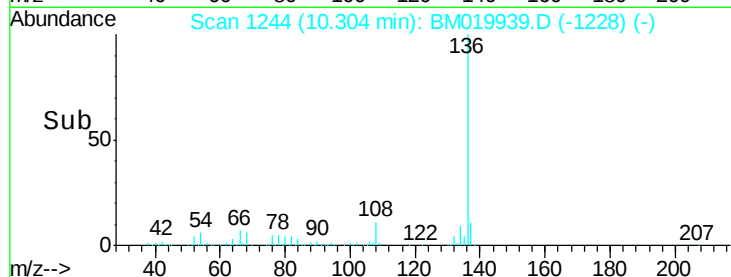
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

Tgt Ion:	136	Resp:	634712
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.5	5.3	7.9
68	6.4	5.2	7.8

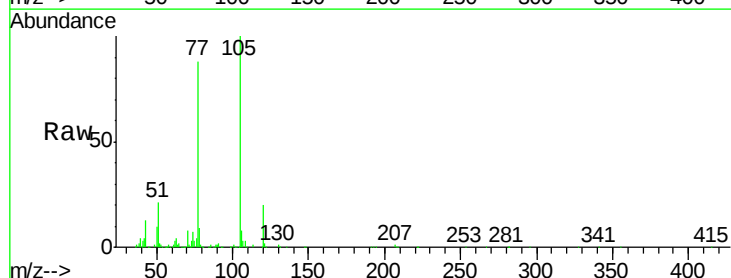


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

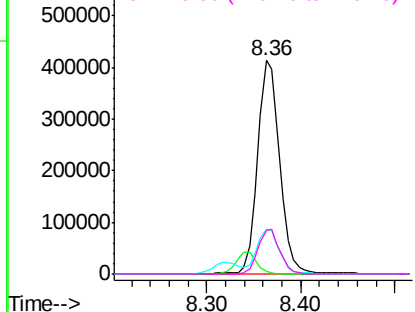
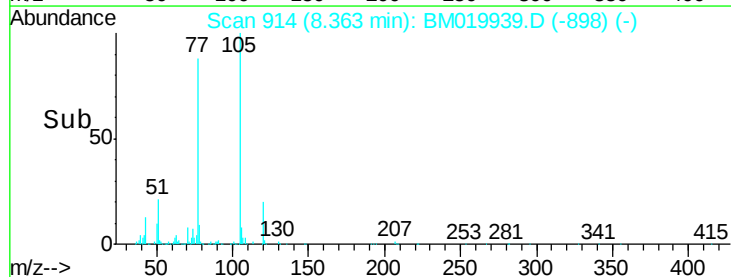


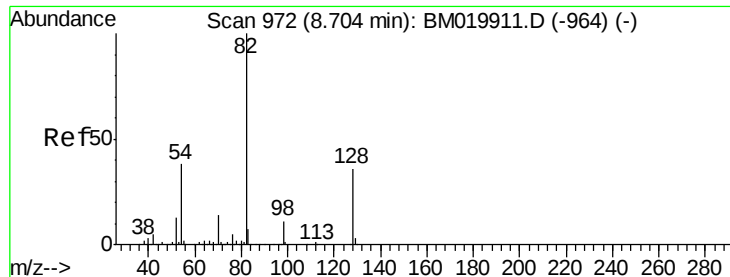
#22
Acetophenone
Concen: 38.989 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:	105	Resp:	674035
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.8	1.2#
51	21.1	16.9	25.3
120	20.4	16.4	24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

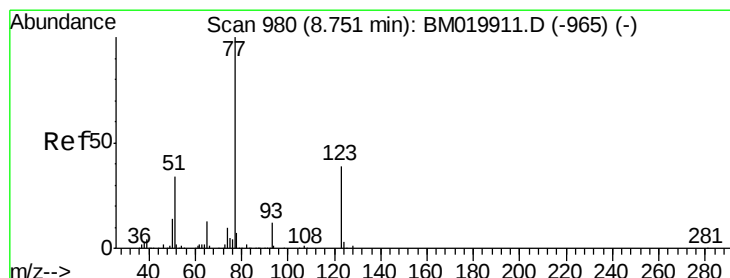
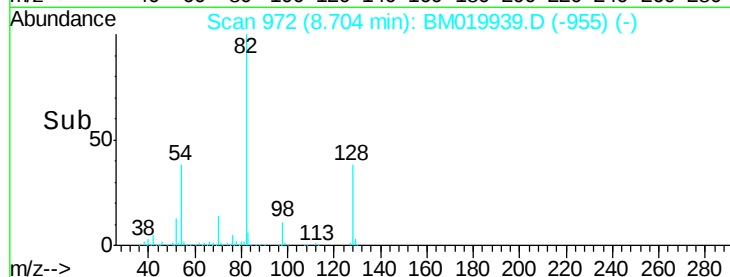
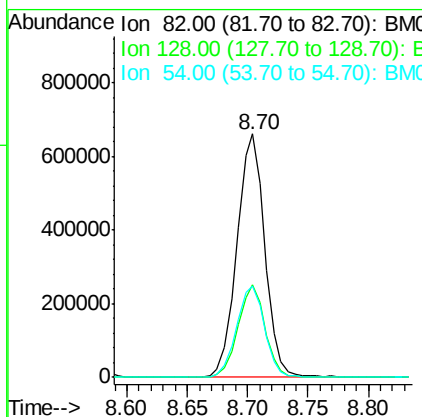
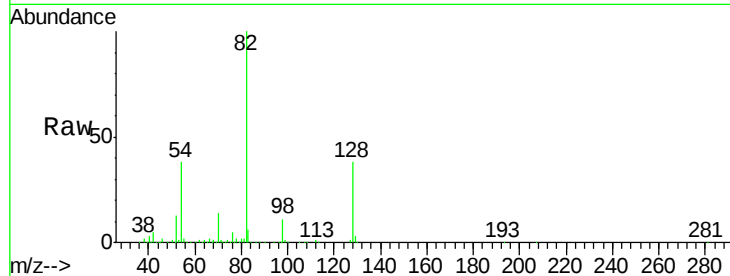




#23
 Nitrobenzene-d5
 Concen: 74.941 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

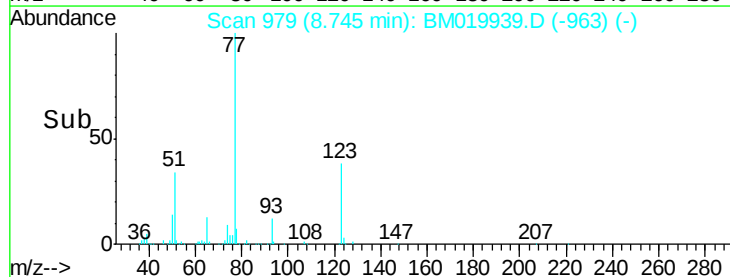
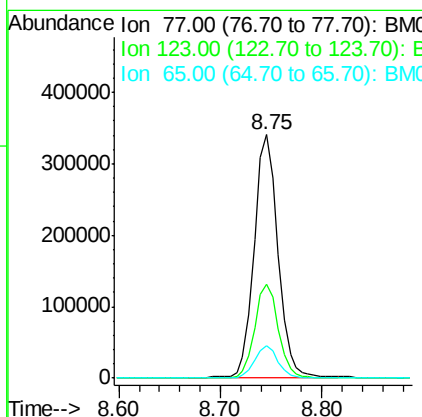
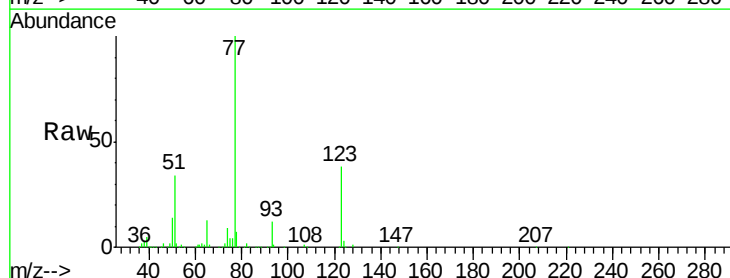
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

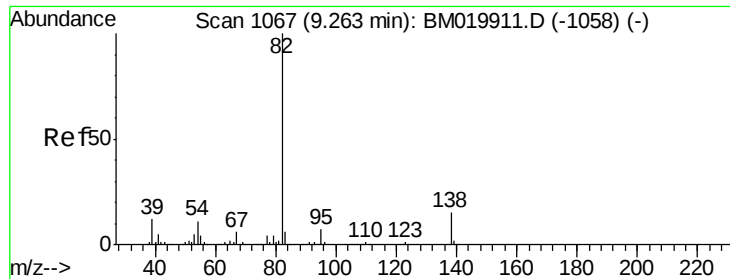
Tgt Ion: 82 Resp: 1063617
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.0 43.4
 54 37.6 30.2 45.4



#24
 Nitrobenzene
 Concen: 38.012 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion: 77 Resp: 558871
 Ion Ratio Lower Upper
 77 100
 123 38.4 31.0 46.4
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 33.811 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

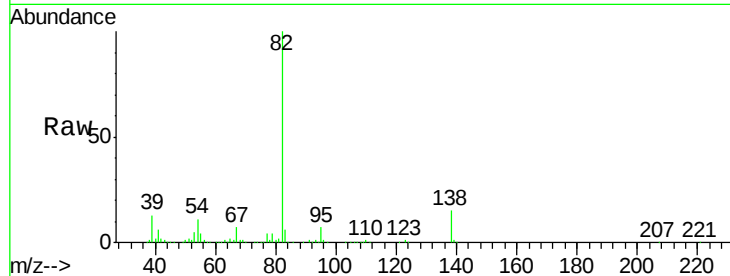
Tgt Ion: 82 Resp: 934118

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

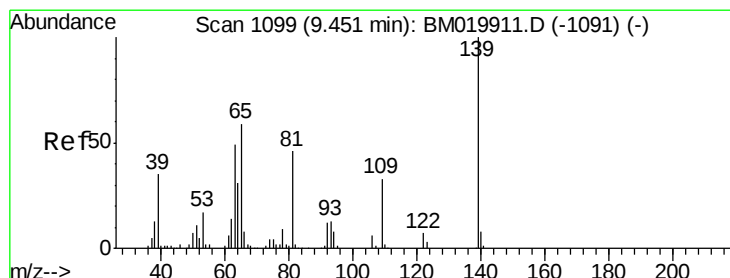
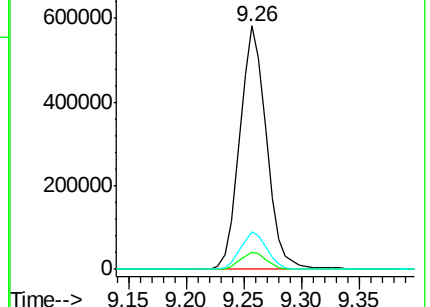
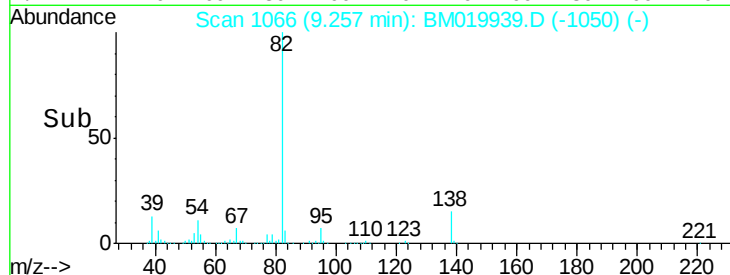
138 15.5 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019939.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019939.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019939.D (-1058) (-)



#26

2-Nitrophenol

Concen: 35.785 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

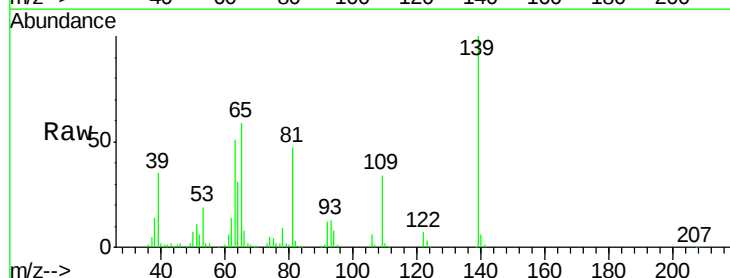
Tgt Ion: 139 Resp: 224205

Ion Ratio Lower Upper

139 100

109 34.4 26.3 39.5

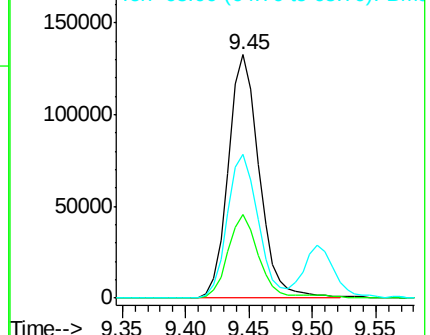
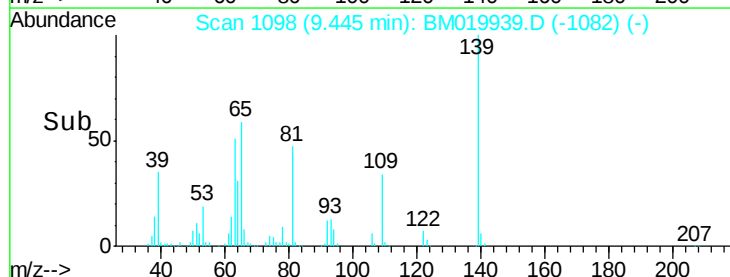
65 58.9 47.4 71.2

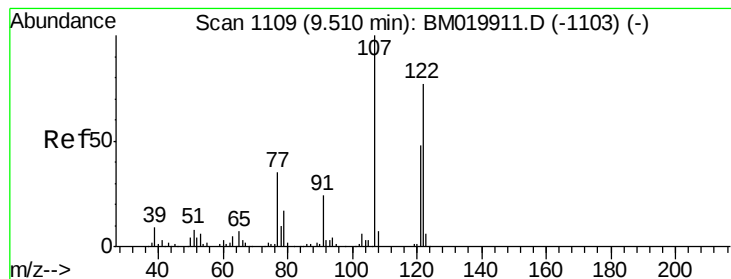


Abundance Ion 139.00 (138.70 to 139.70): BM019939.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BM019939.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM019939.D (-1082) (-)

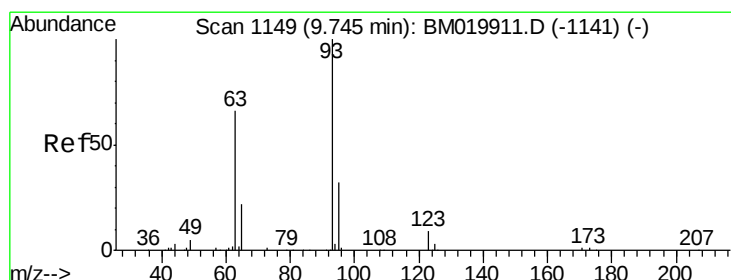
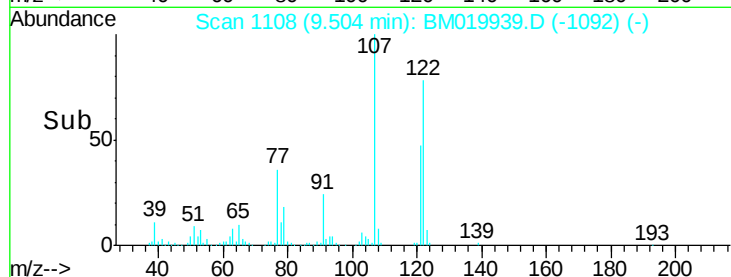
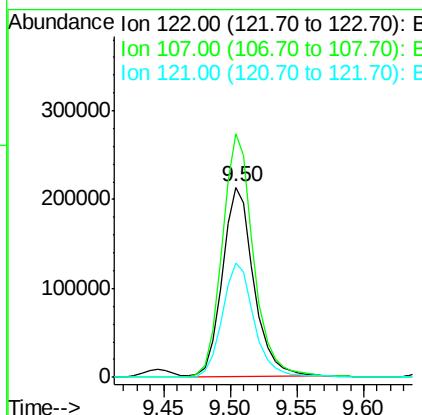
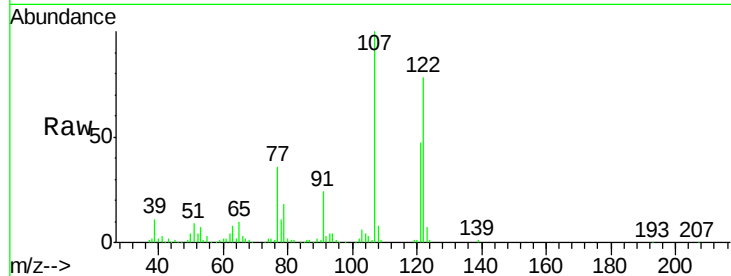




#27
 2,4-Dimethylphenol
 Concen: 39.740 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

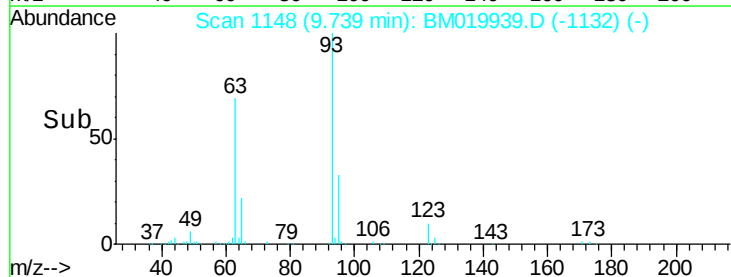
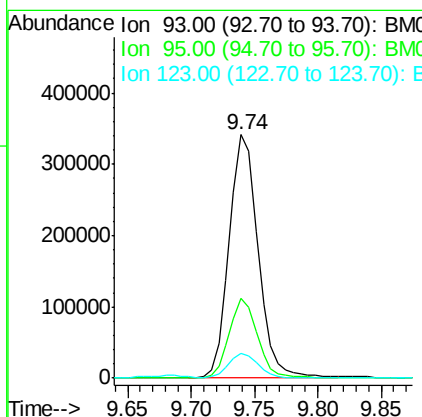
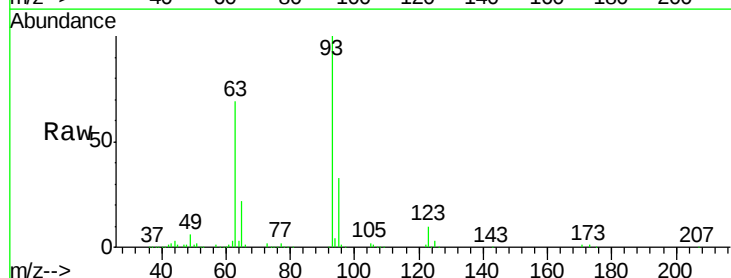
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

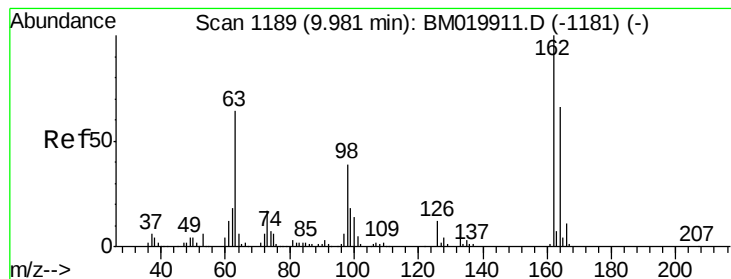
Tgt Ion:122 Resp: 352049
 Ion Ratio Lower Upper
 122 100
 107 127.9 103.1 154.7
 121 60.2 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.941 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion: 93 Resp: 540558
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.8
 123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 35.674 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

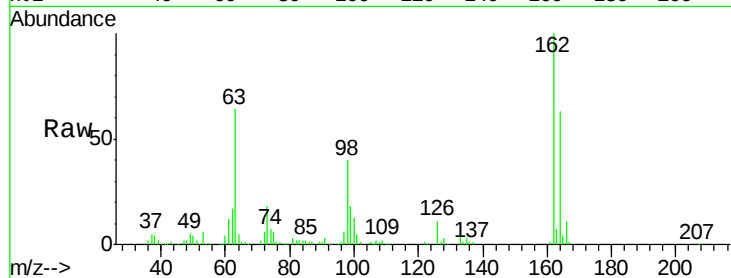
Tgt Ion:162 Resp: 358928

Ion Ratio Lower Upper

162 100

164 63.4 46.3 86.3

98 40.0 19.2 59.2

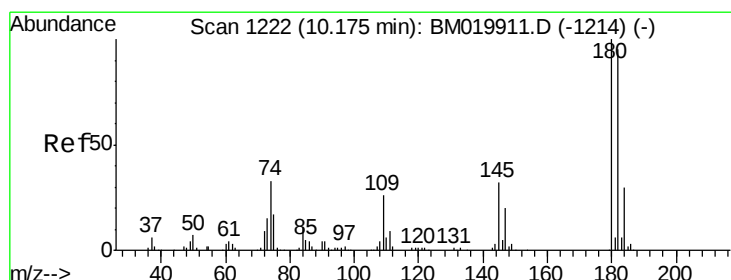
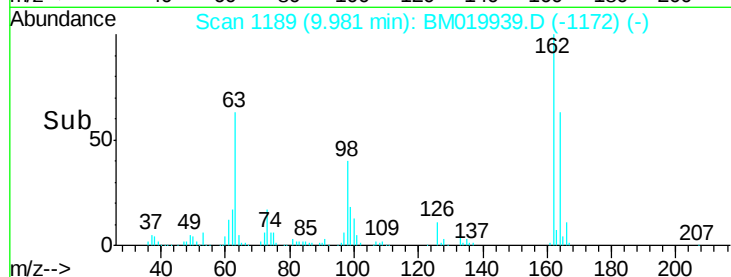
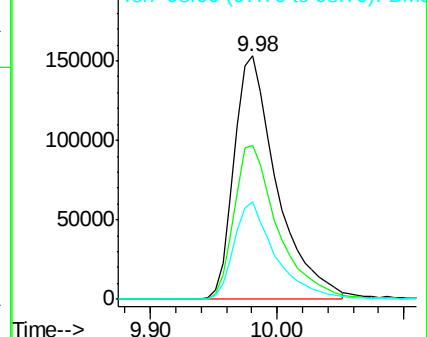


Abundance

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: 38.106 ng

RT: 10.17 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

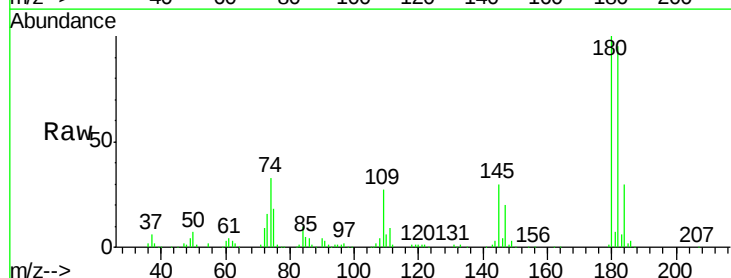
Tgt Ion:180 Resp: 412646

Ion Ratio Lower Upper

180 100

182 94.7 76.3 114.5

145 30.2 25.5 38.3

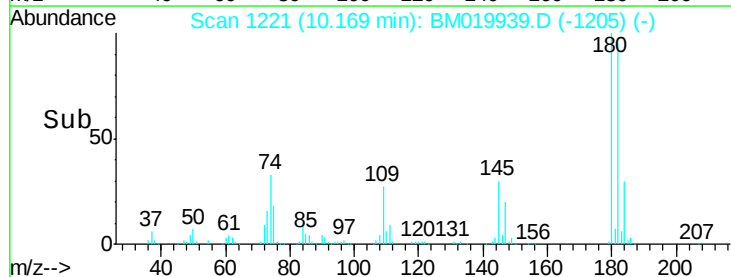
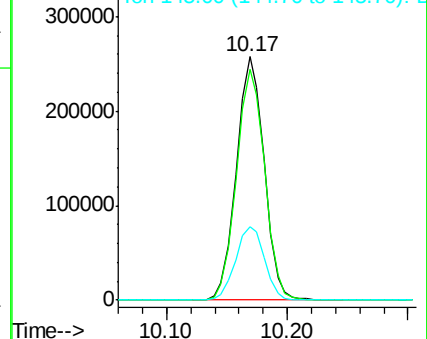


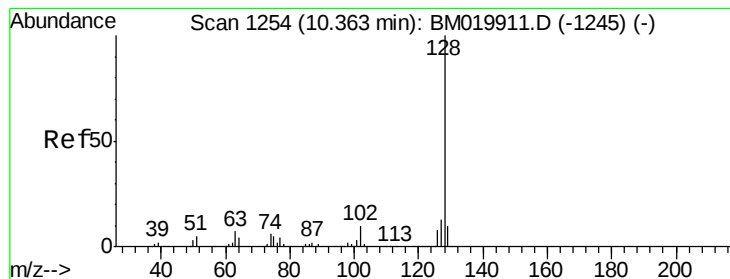
Abundance

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

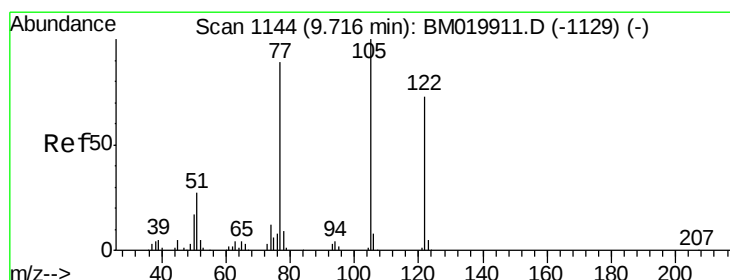
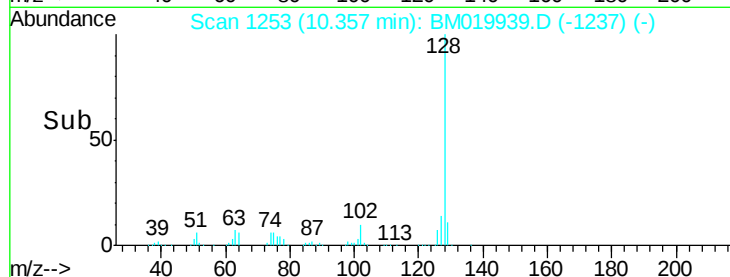
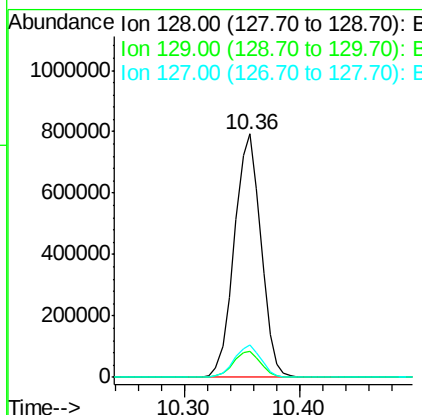
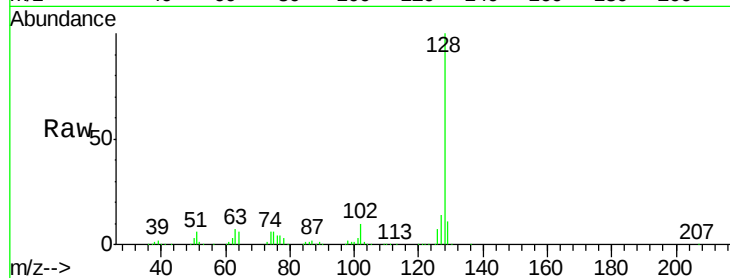




#31
Naphthalene
Concen: 37.254 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

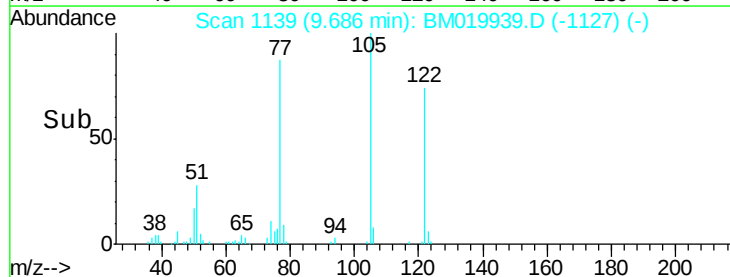
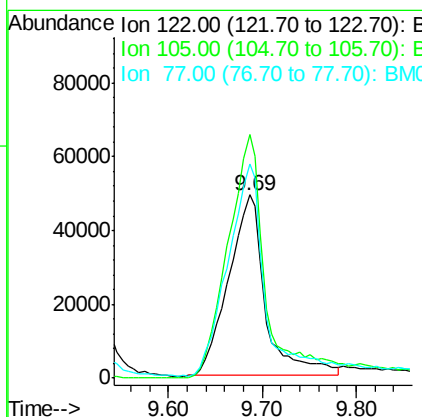
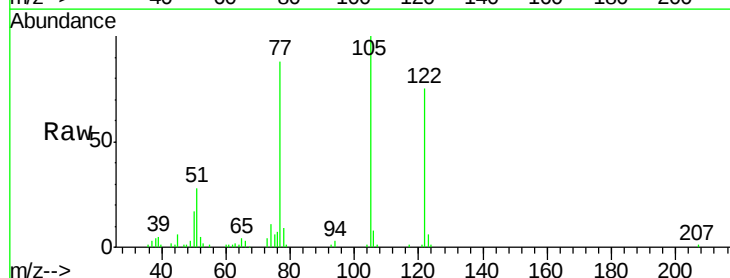
Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

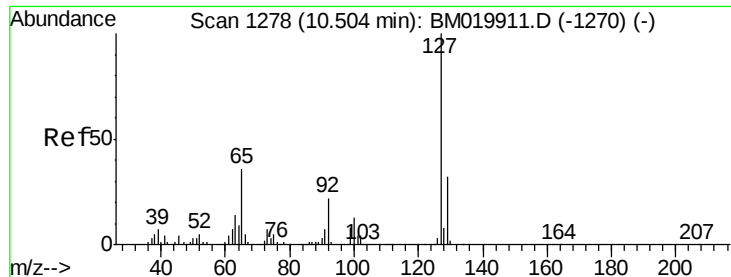
Tgt Ion:128 Resp: 1268297
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 19.527 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:122 Resp: 134869
Ion Ratio Lower Upper
122 100
105 132.8 114.8 154.8
77 117.0 100.2 140.2

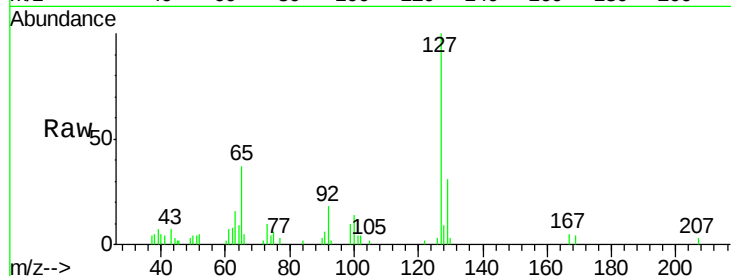




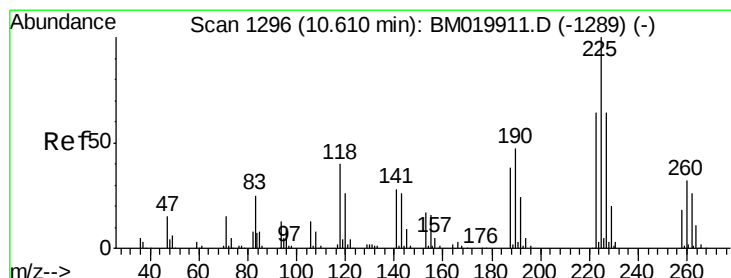
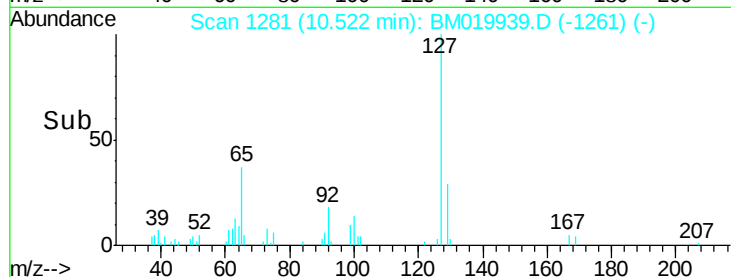
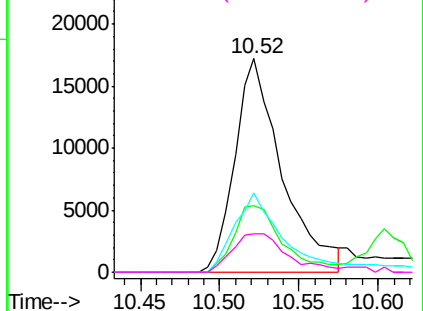
#33
4-Chloroaniline
Concen: 2.538 ng
RT: 10.52 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

Tgt Ion:	127	Resp:	35600
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	36.9	29.2	43.8
92	18.1	17.5	26.3

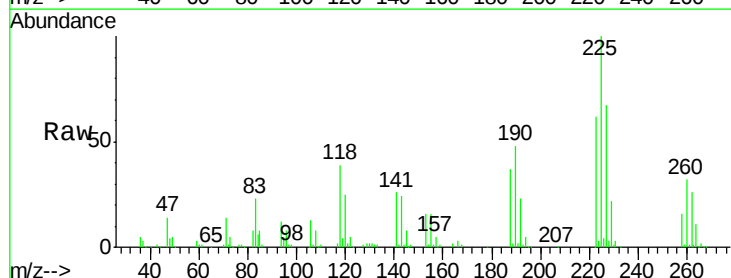


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

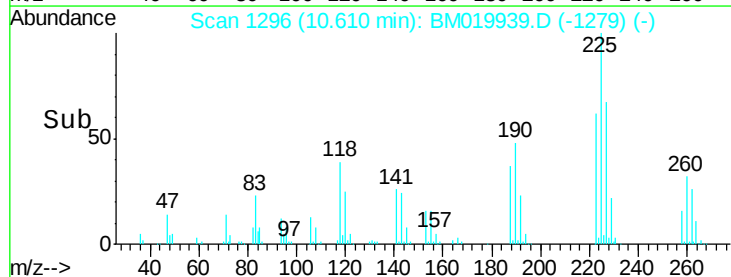
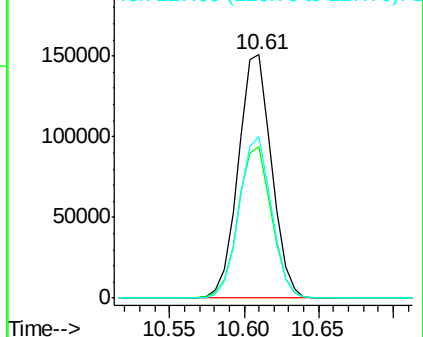


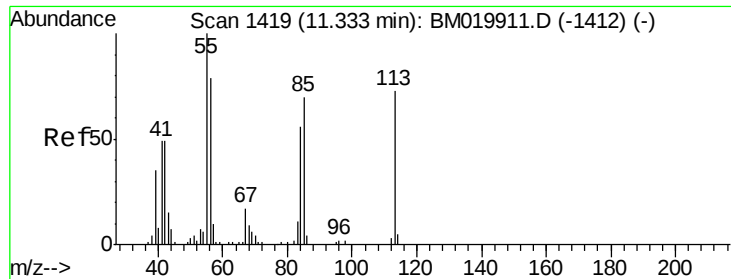
#34
Hexachlorobutadiene
Concen: 36.553 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:	225	Resp:	233452
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	66.6	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.822 ng m

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

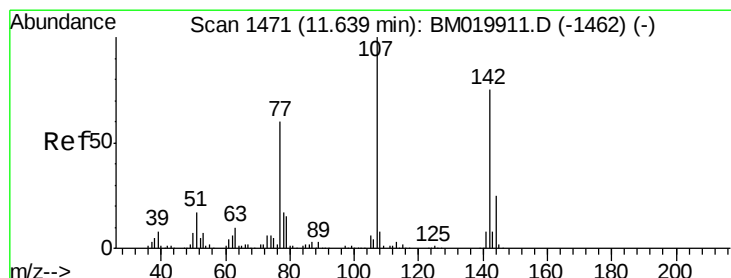
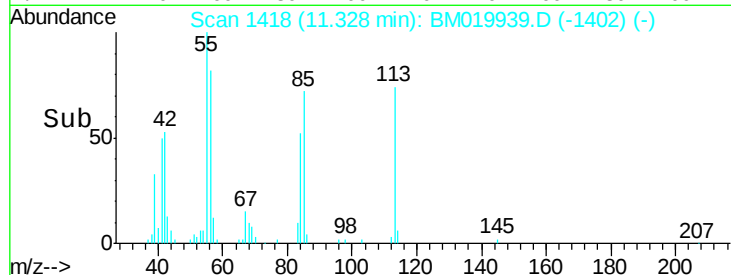
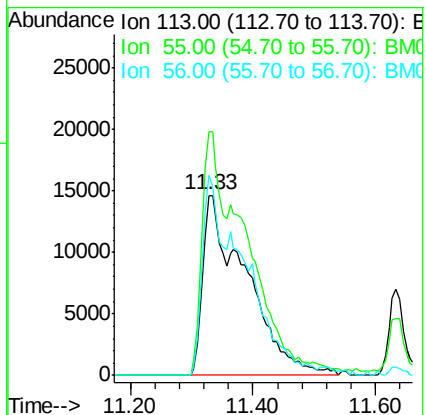
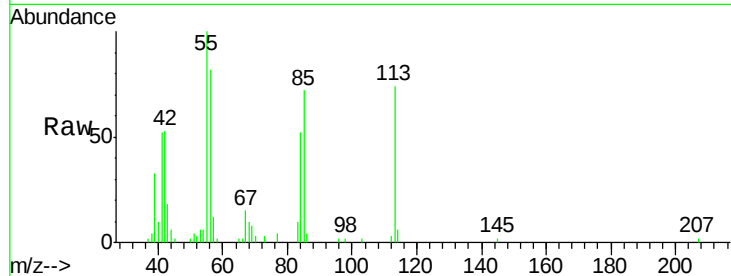
Tgt Ion:113 Resp: 71682

Ion Ratio Lower Upper

113 100

55 135.1 117.1 157.1

56 111.2 88.2 128.2



#36

4-Chloro-3-methylphenol

Concen: 30.613 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

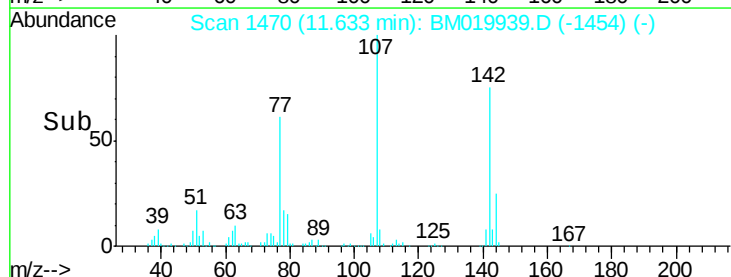
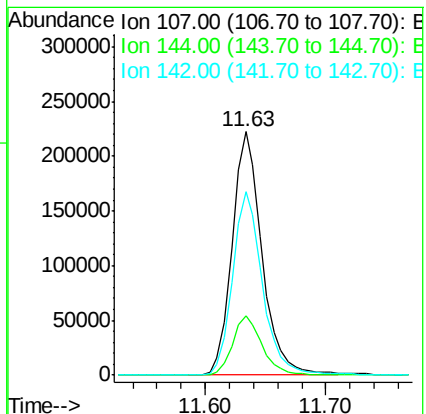
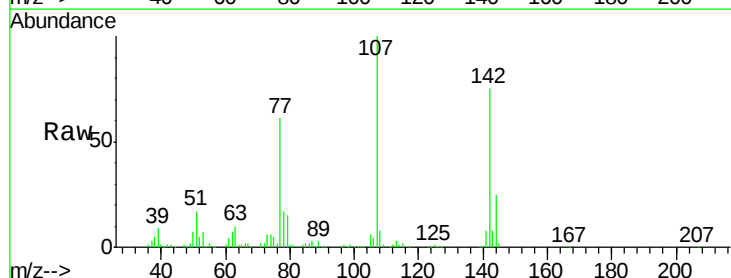
Tgt Ion:107 Resp: 382712

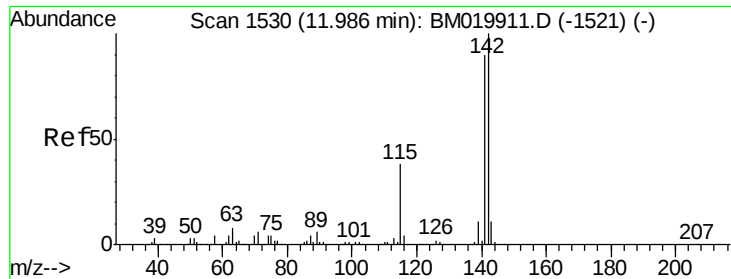
Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.8

142 75.2 60.3 90.5





#37

2-Methylnaphthalene

Concen: 35.174 ng

RT: 11.98 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

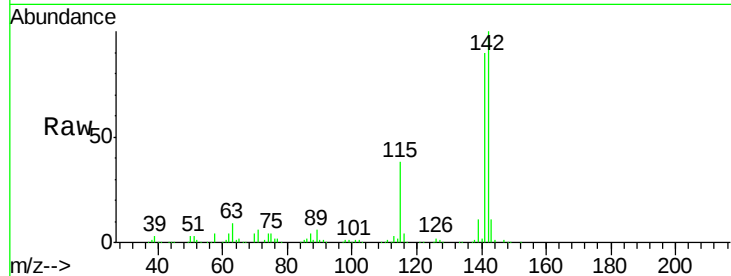
Tgt Ion:142 Resp: 871795

Ion Ratio Lower Upper

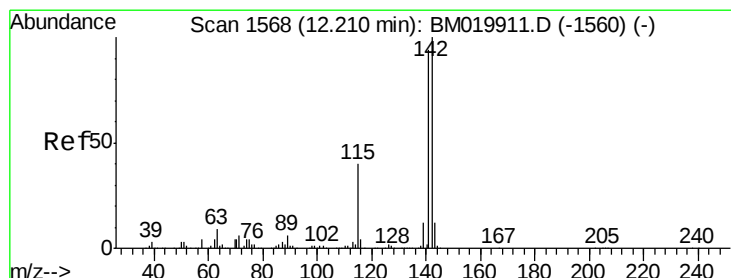
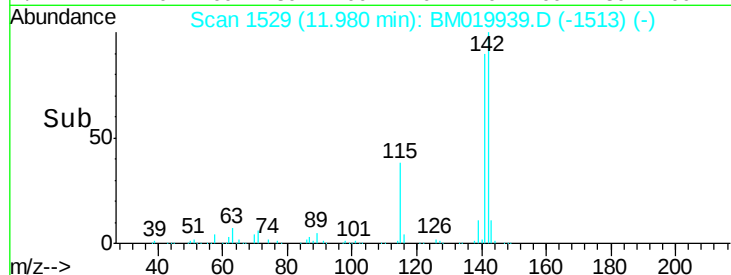
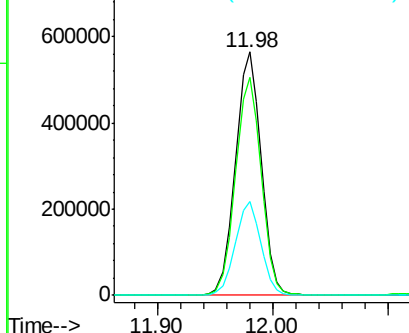
142 100

141 89.7 72.3 108.5

115 38.4 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 33.515 ng

RT: 12.20 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

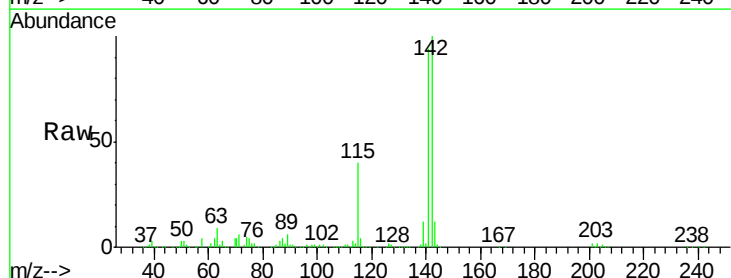
Tgt Ion:142 Resp: 820177

Ion Ratio Lower Upper

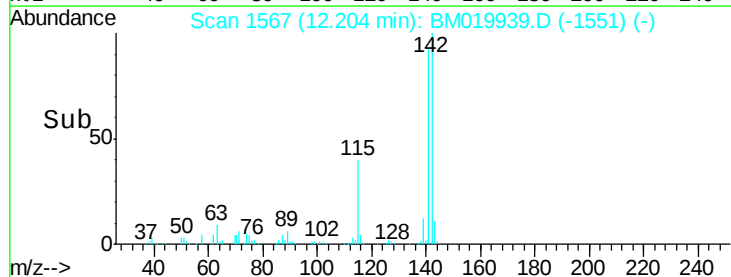
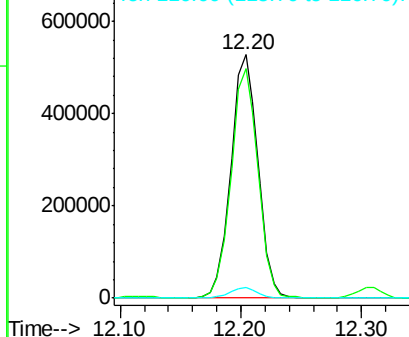
142 100

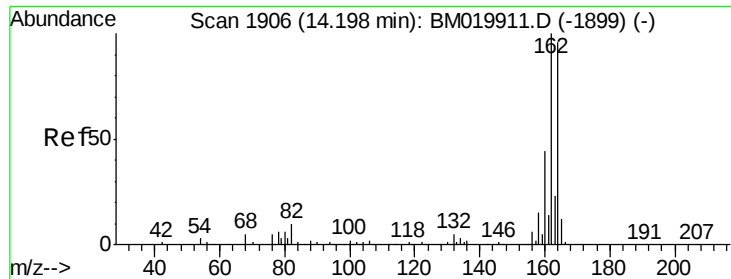
141 94.1 75.7 113.5

116 4.3 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

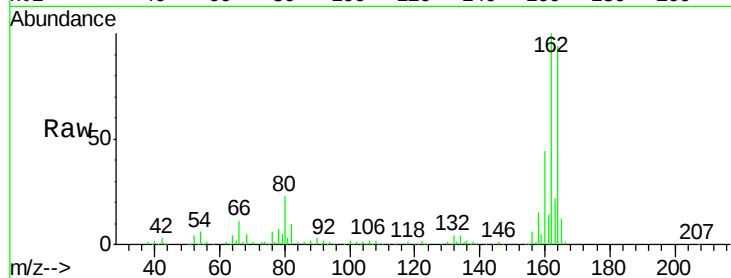
Tgt Ion:164 Resp: 304713

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.4

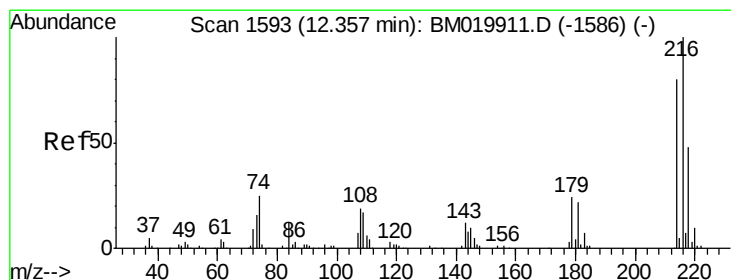
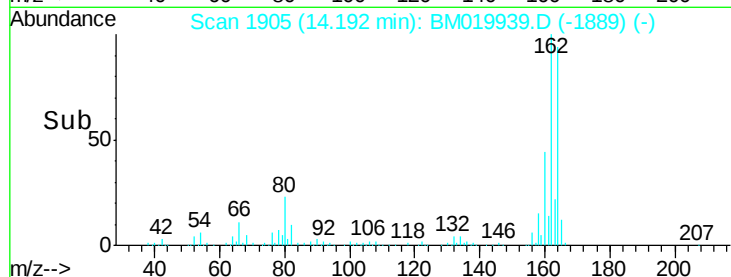
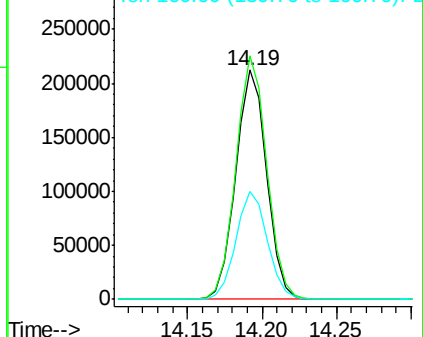
160 47.0 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.437 ng

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Tgt Ion:216 Resp: 398919

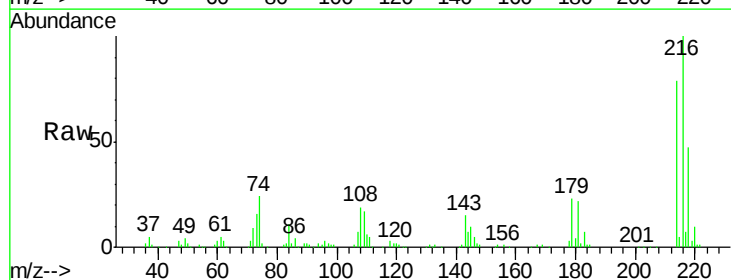
Ion Ratio Lower Upper

216 100

214 80.0 63.1 94.7

179 23.5 19.0 28.6

108 20.1 16.3 24.5

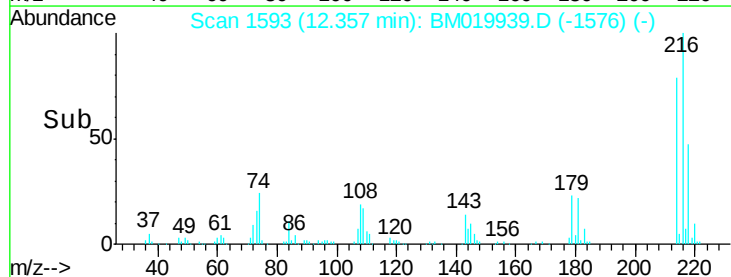
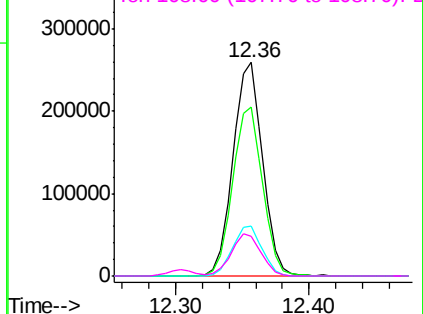


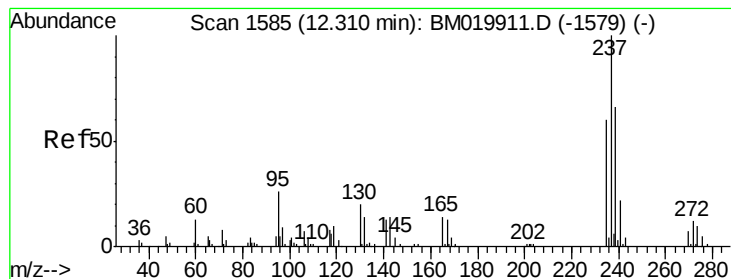
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 74.306 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

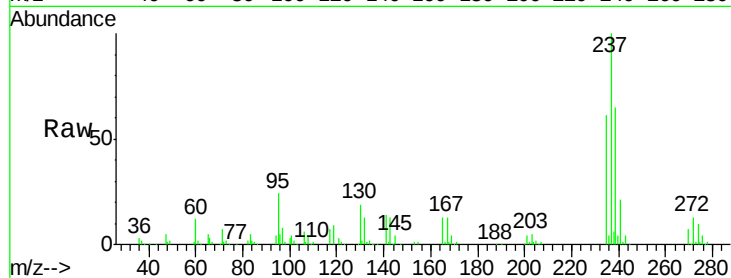
Tgt Ion: 237 Resp: 244062

Ion Ratio Lower Upper

237 100

235 61.1 40.4 80.4

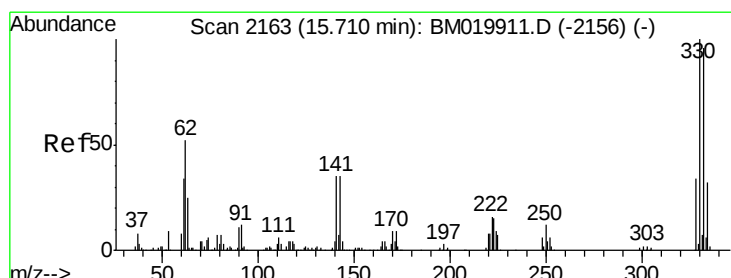
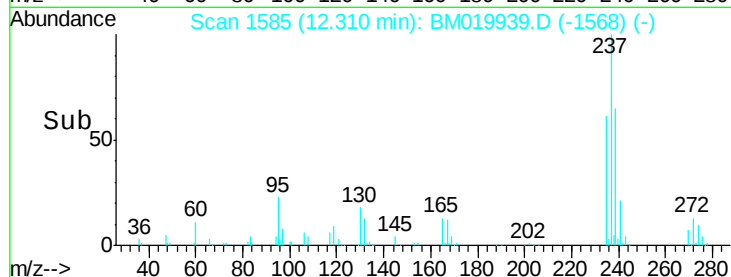
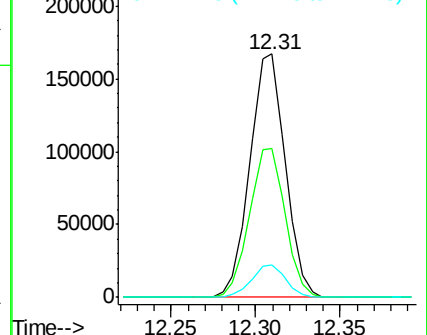
272 13.4 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 95.871 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

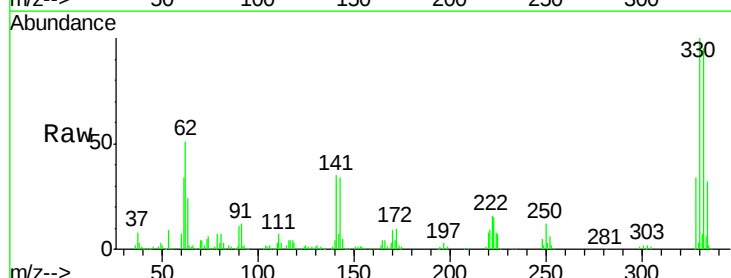
Tgt Ion: 330 Resp: 470249

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

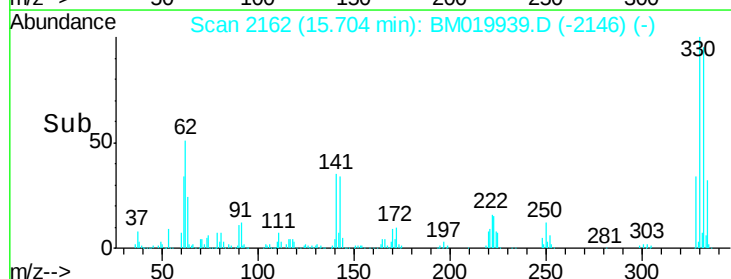
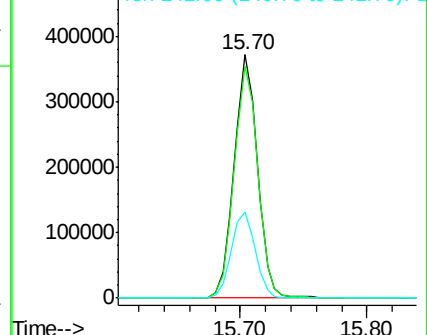
141 36.9 29.0 43.4



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

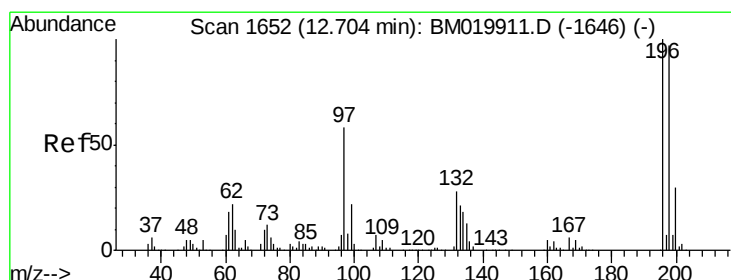
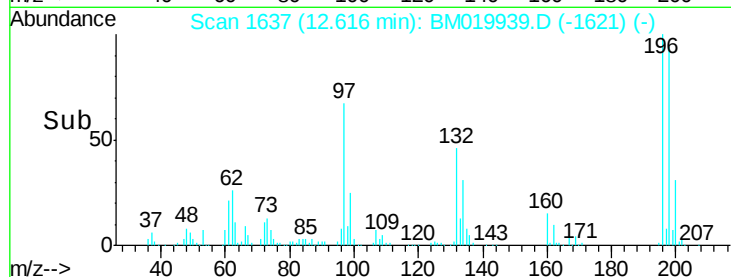
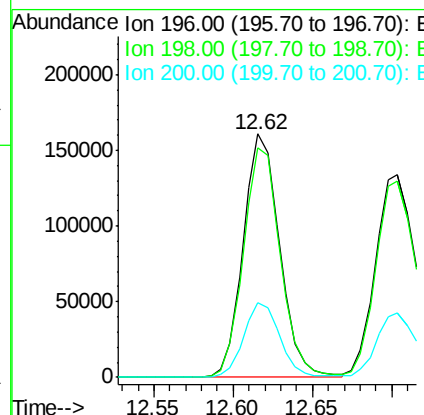
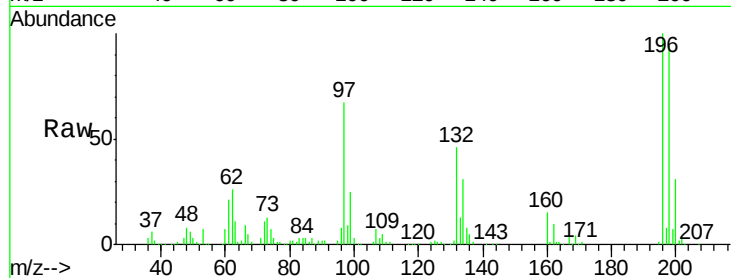




#43
 2,4,6-Trichlorophenol
 Concen: 40.410 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

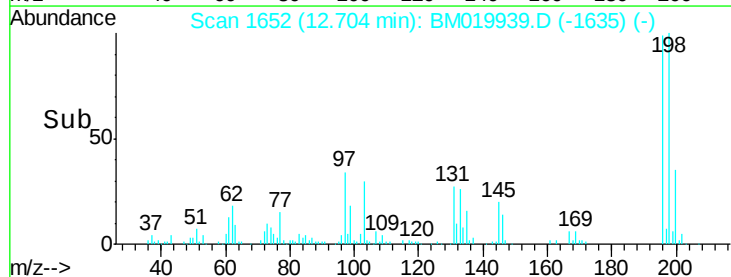
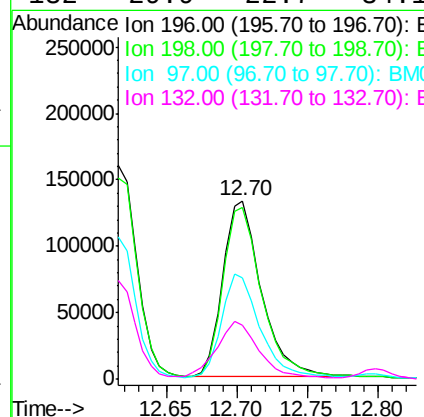
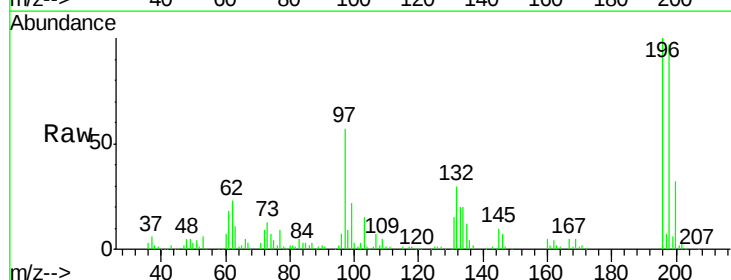
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

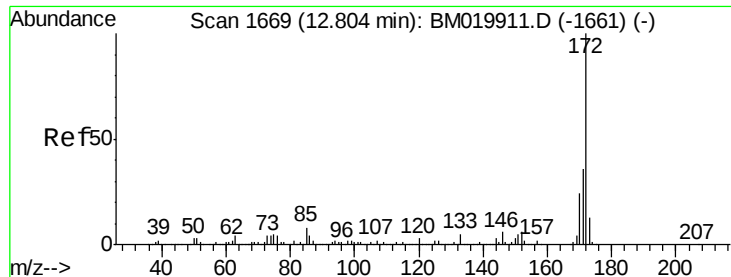
Tgt Ion:196 Resp: 257537
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.8 115.2
 200 30.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.867 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion:196 Resp: 251171
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.8 116.8
 97 56.6 46.2 69.2
 132 29.9 22.7 34.1

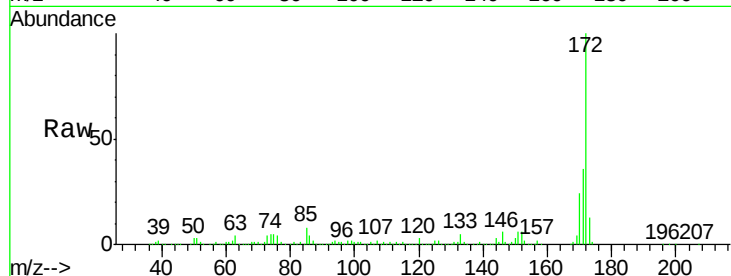




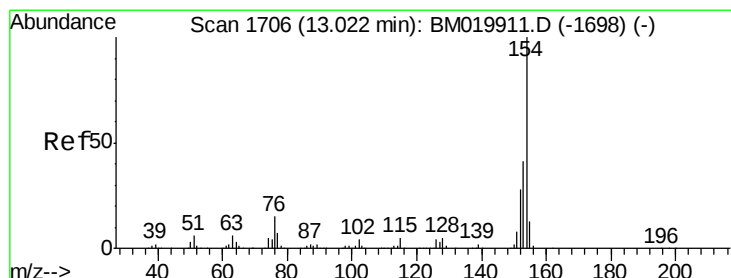
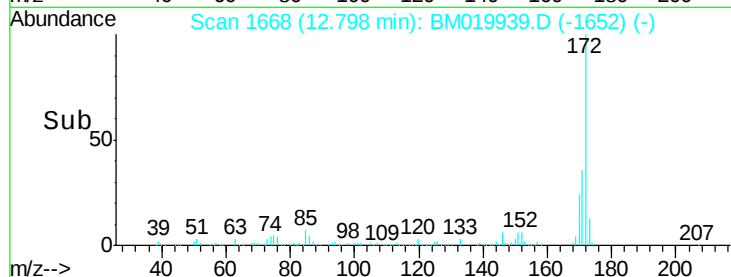
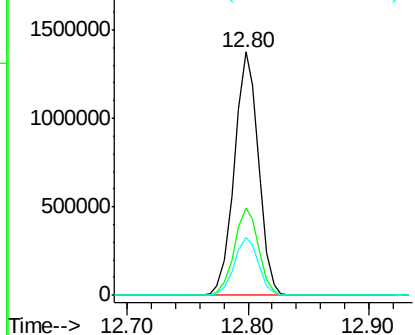
#45
 2-Fluorobiphenyl
 Concen: 78.178 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion:172 Resp: 1911522
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.9 19.0 28.4

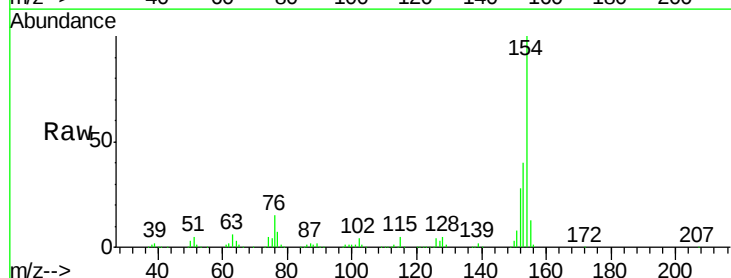


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

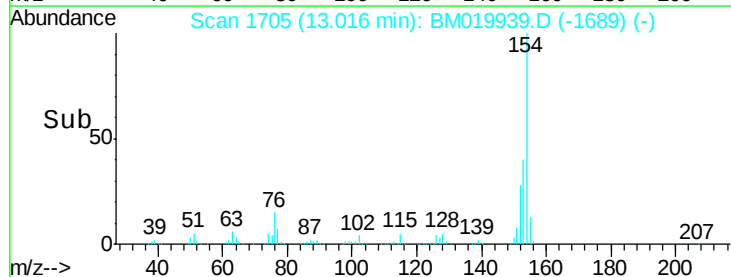
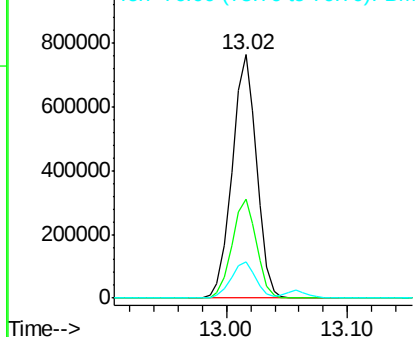


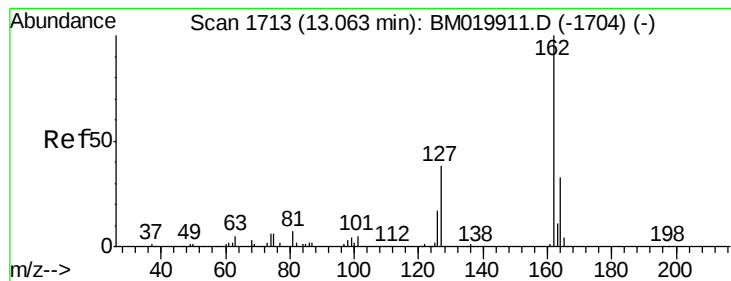
#46
 1,1'-Biphenyl
 Concen: 40.773 ng
 RT: 13.02 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion:154 Resp: 1076093
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.0 61.0
 76 14.8 0.0 34.8



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): BM0





#47

2-Chloronaphthalene

Concen: 40.705 ng

RT: 13.06 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

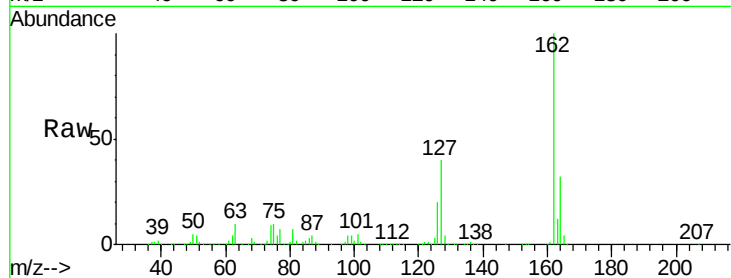
Tgt Ion: 162 Resp: 819437

Ion Ratio Lower Upper

162 100

127 39.6 32.3 48.5

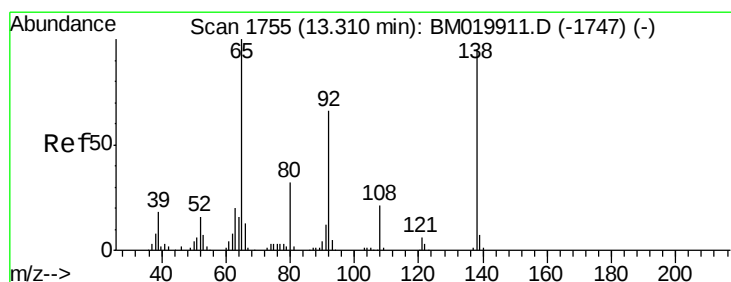
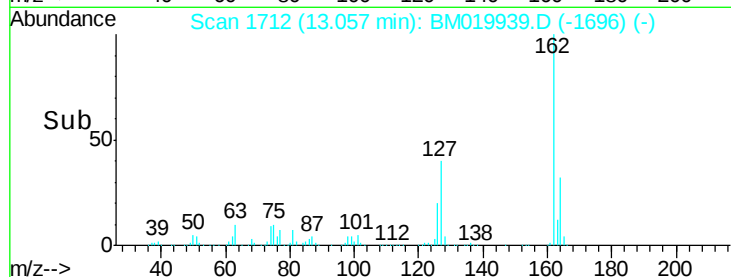
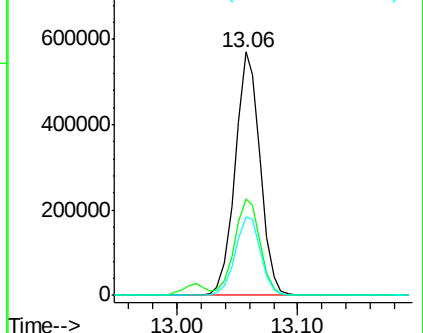
164 32.3 26.3 39.5



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



#48

2-Nitroaniline

Concen: 35.057 ng

RT: 13.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

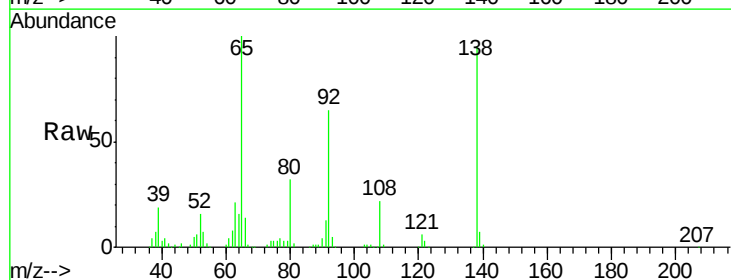
Tgt Ion: 65 Resp: 254384

Ion Ratio Lower Upper

65 100

92 64.7 52.9 79.3

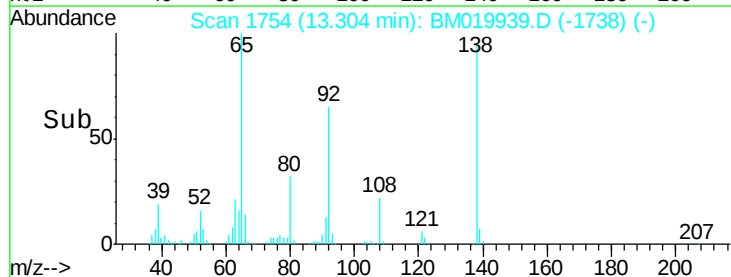
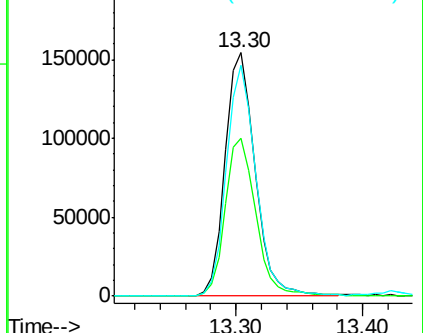
138 94.6 75.8 113.6

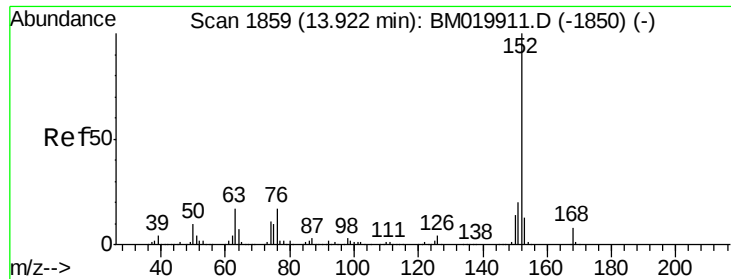


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.636 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

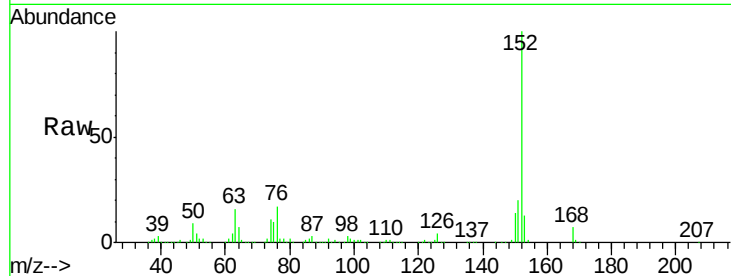
Tgt Ion:152 Resp: 1283252

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

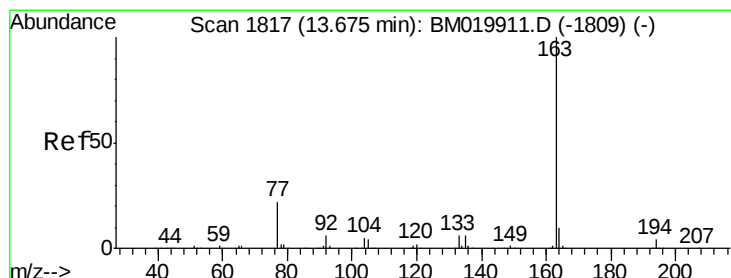
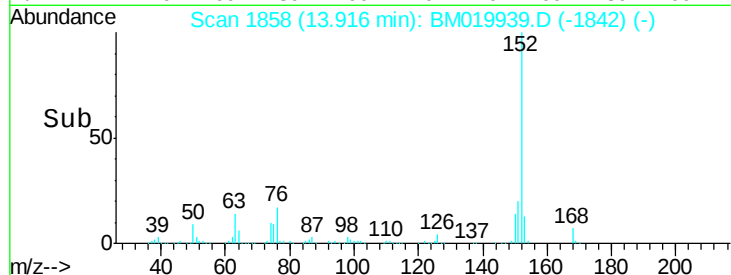
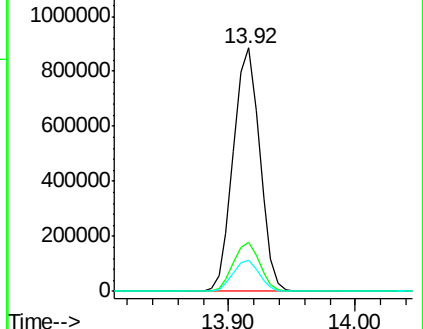
153 12.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.075 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

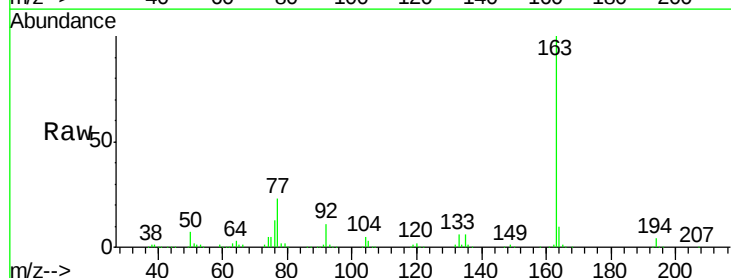
Tgt Ion:163 Resp: 969611

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

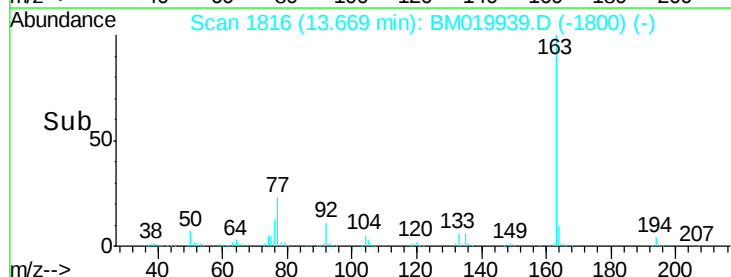
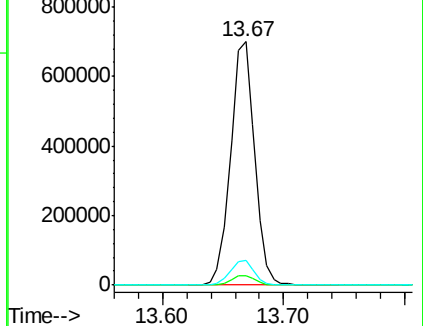
164 10.0 7.9 11.9

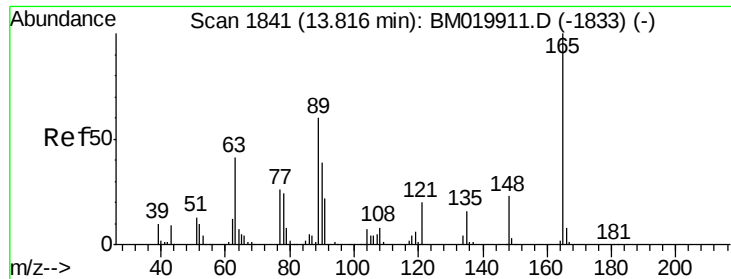


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

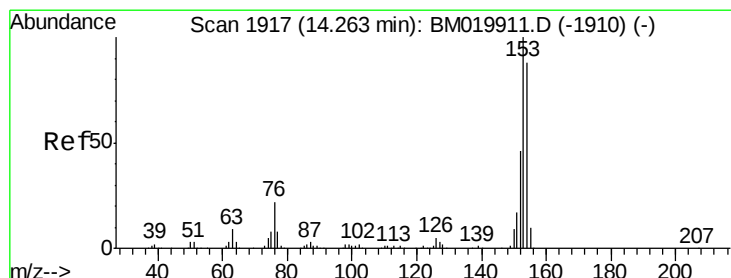
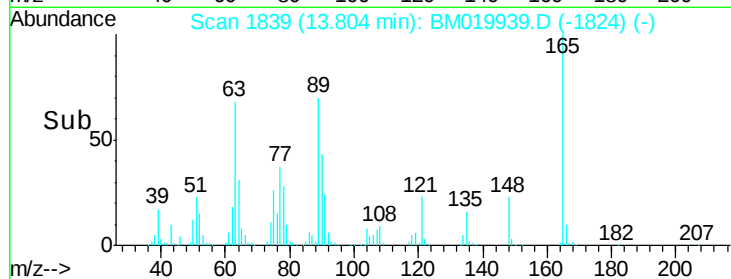
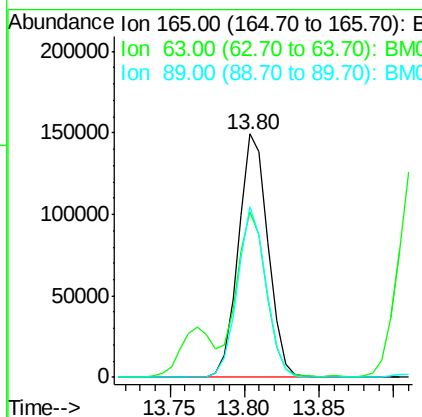
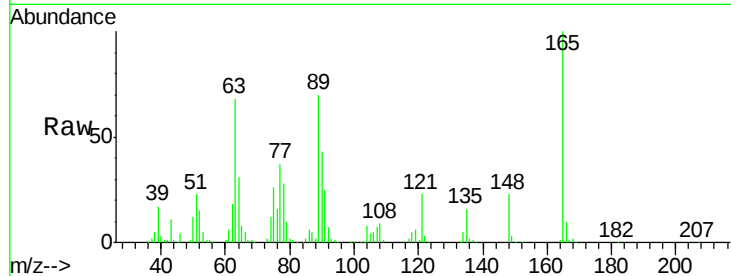




#51
 2,6-Dinitrotoluene
 Concen: 34.577 ng
 RT: 13.80 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

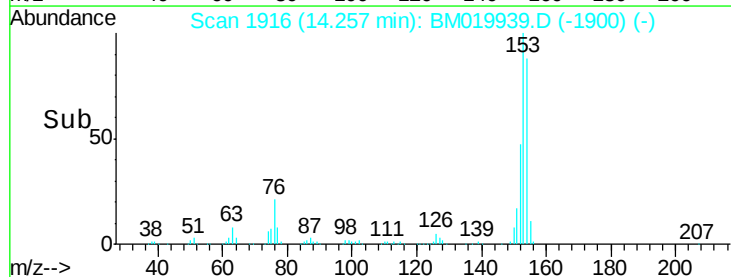
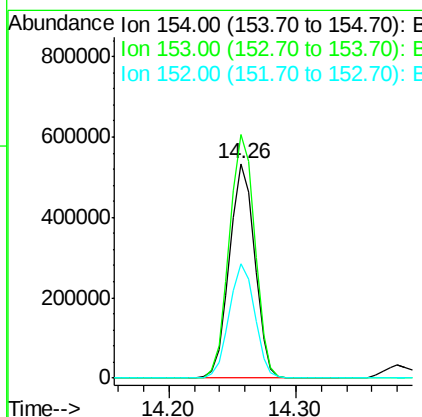
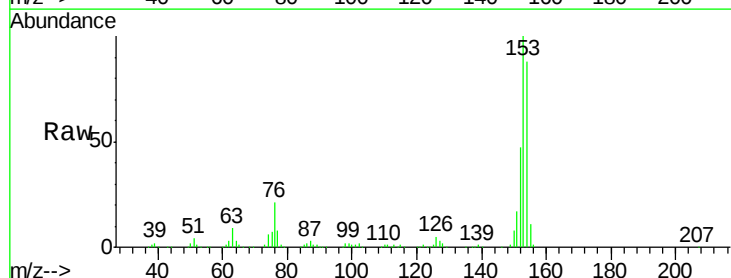
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

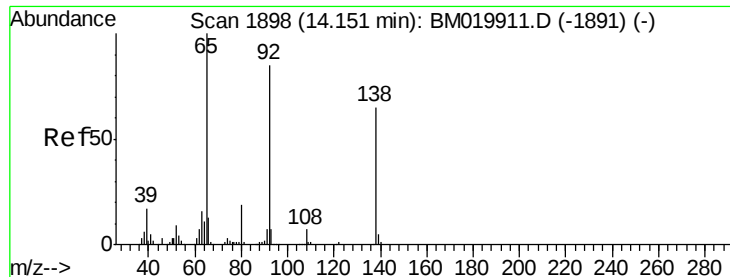
Tgt Ion:	165	Resp:	205508
Ion	Ratio	Lower	Upper
165	100		
63	68.2	48.5	72.7
89	69.9	48.2	72.4



#52
 Acenaphthene
 Concen: 37.804 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion:	154	Resp:	734192
Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	53.2	42.2	63.2





#53

3-Nitroaniline

Concen: 4.869 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

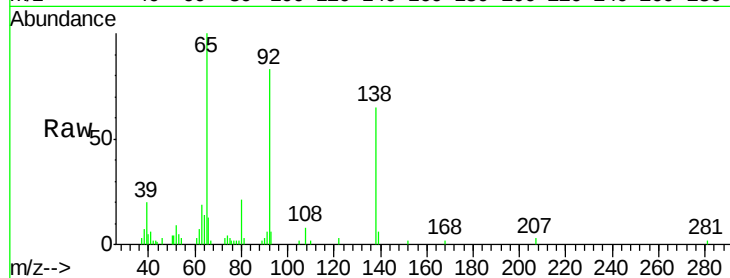
Tgt Ion:138 Resp: 28894

Ion Ratio Lower Upper

138 100

108 11.9 8.9 13.3

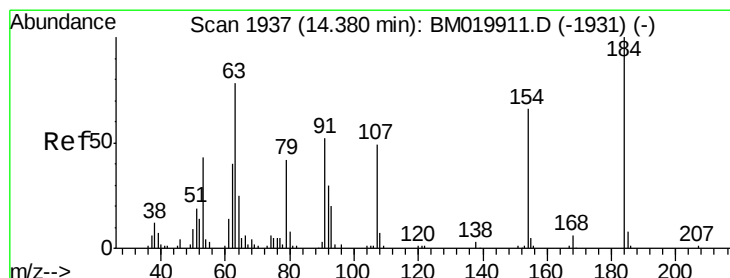
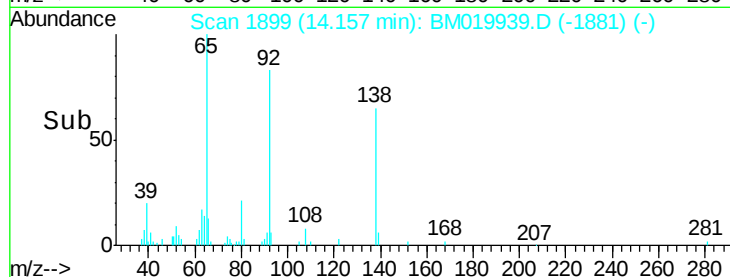
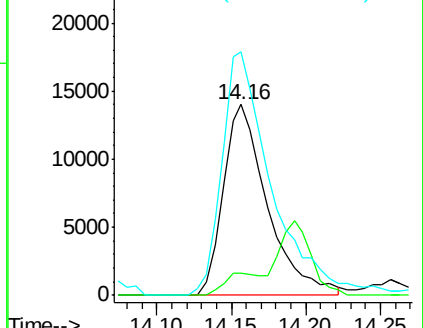
92 127.7 103.8 155.8



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



#54

2,4-Dinitrophenol

Concen: 32.010 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

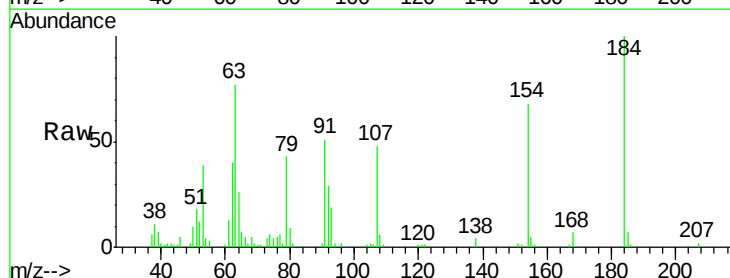
Tgt Ion:184 Resp: 96044

Ion Ratio Lower Upper

184 100

63 76.7 62.3 93.5

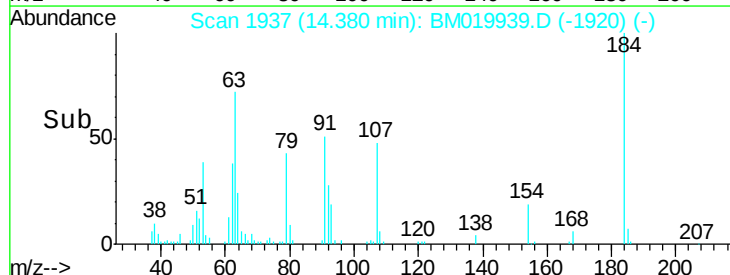
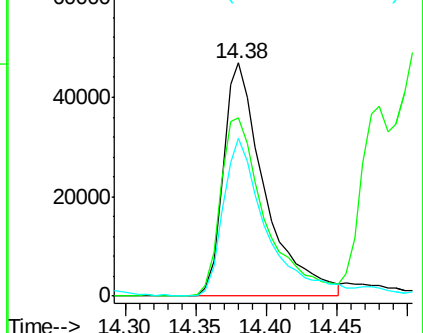
154 67.7 53.0 79.6

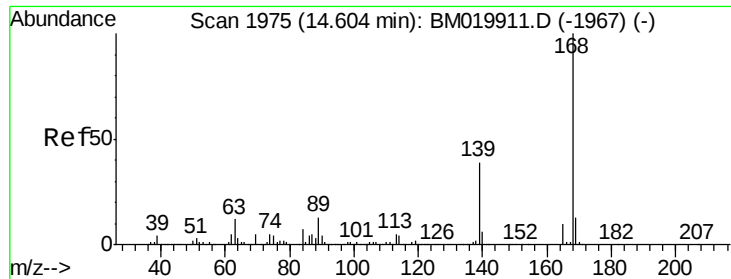


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

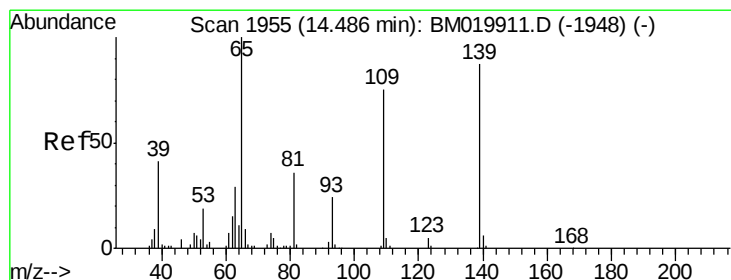
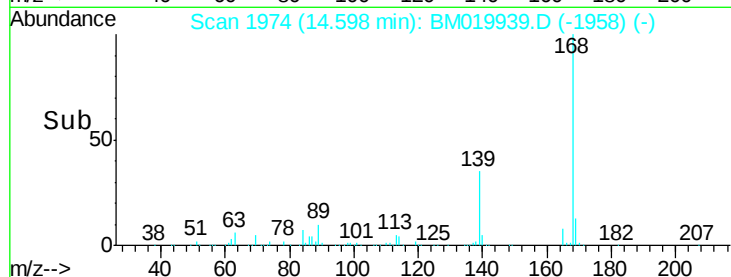
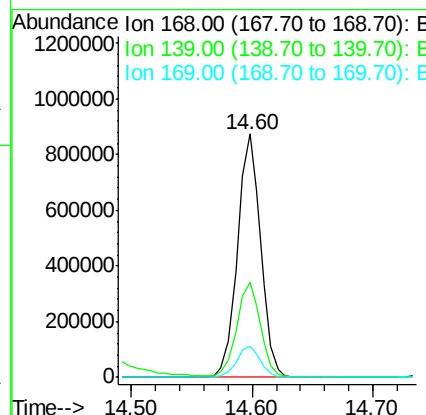
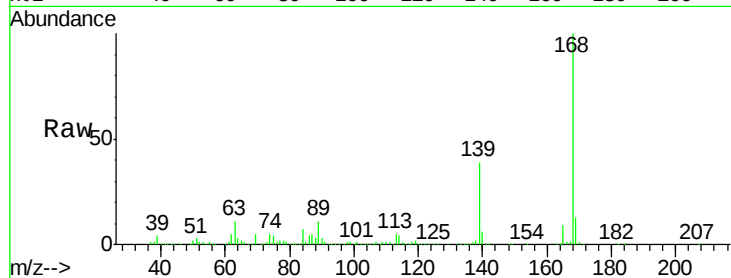




#55
Dibenzenofuran
Concen: 36.841 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

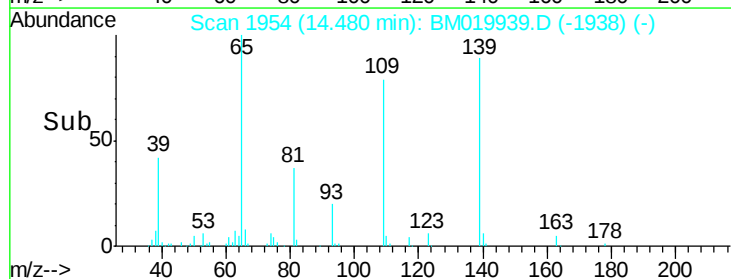
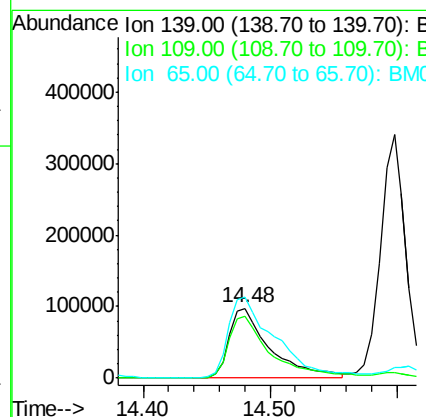
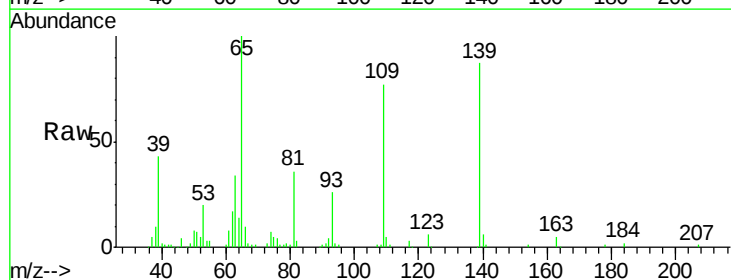
Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

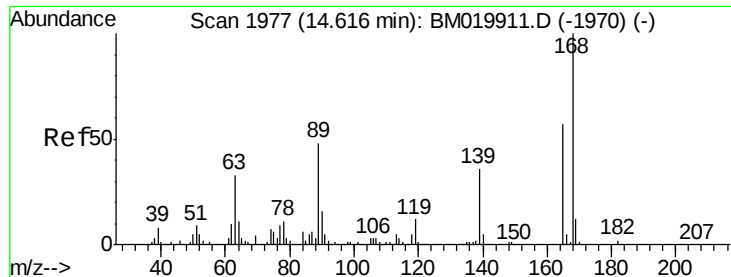
Tgt Ion:168 Resp: 1169991
Ion Ratio Lower Upper
168 100
139 39.0 31.5 47.3
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 49.265 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:139 Resp: 219324
Ion Ratio Lower Upper
139 100
109 88.9 65.3 105.3
65 115.3 94.9 134.9

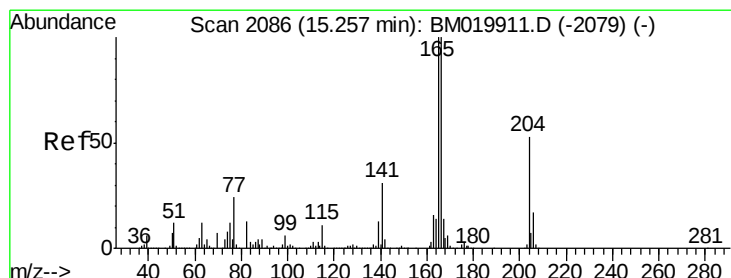
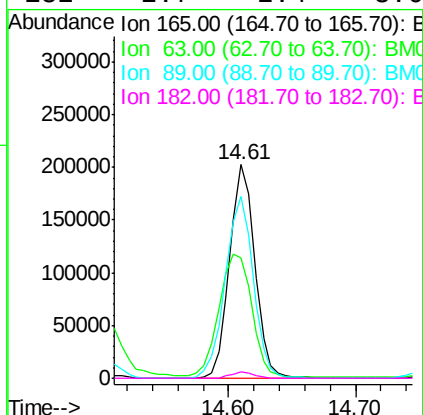
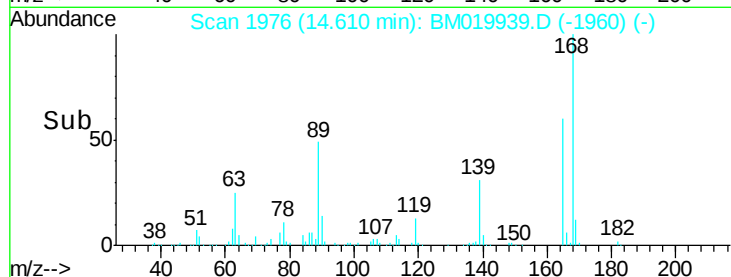
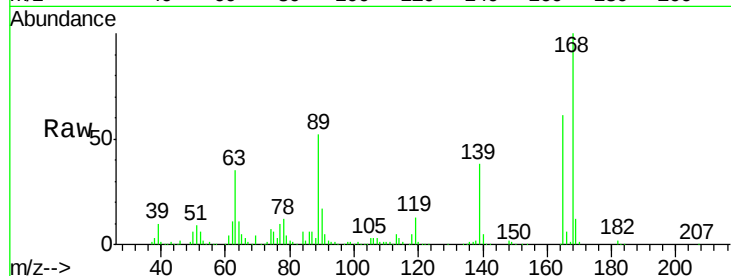




#57
 2,4-Dinitrotoluene
 Concen: 32.684 ng
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

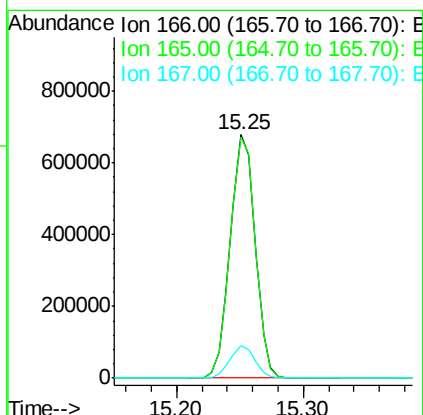
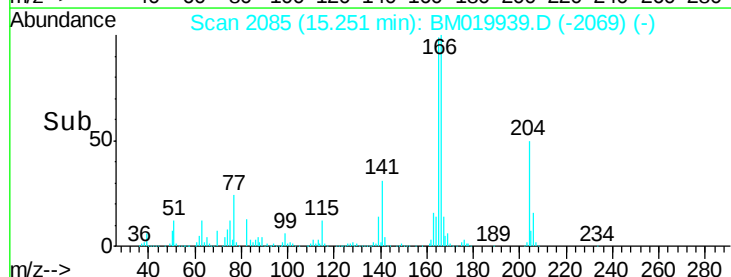
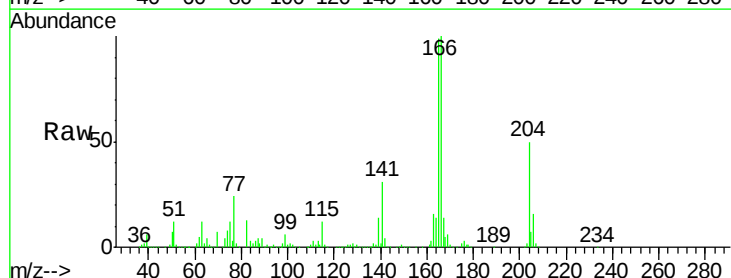
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion:	165	Resp:	279232
Ion	Ratio	Lower	Upper
165	100		
63	56.6	46.0	69.0
89	85.1	67.5	101.3
182	2.7	2.4	3.6



#58
 Fluorene
 Concen: 34.215 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion:	166	Resp:	920719
Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.1	120.1
167	13.5	11.0	16.4

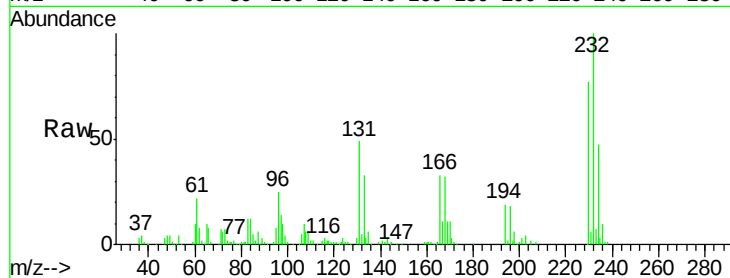




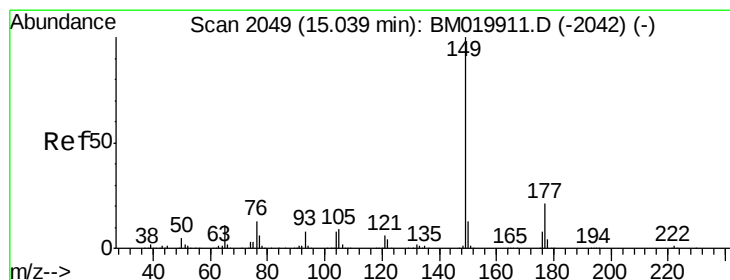
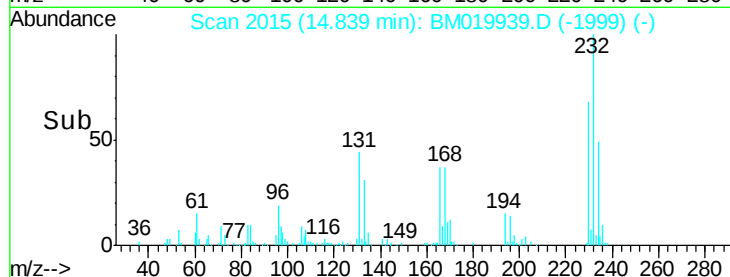
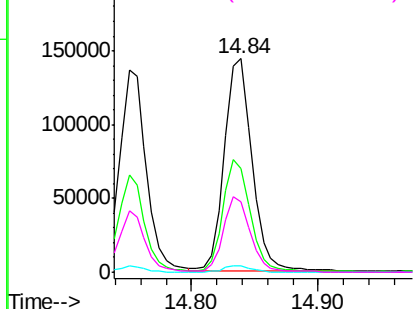
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.474 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

Tgt Ion:	232	Resp:	214698
Ion	Ratio	Lower	Upper
232	100		
131	52.1	42.1	63.1
130	3.0	2.2	3.4
166	34.6	28.1	42.1

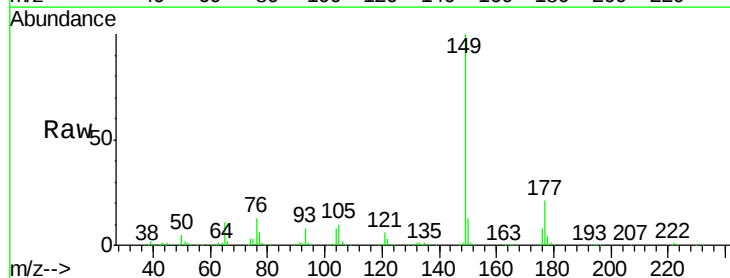


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

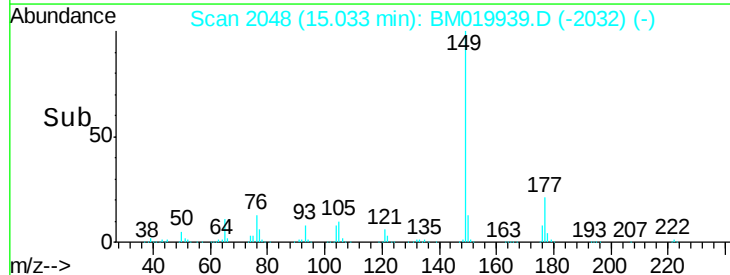
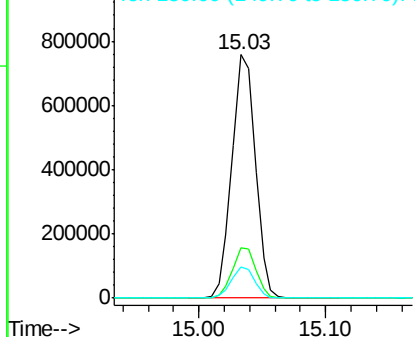


#60
Diethylphthalate
Concen: 34.766 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:	149	Resp:	971830
Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	12.9	10.0	15.0



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

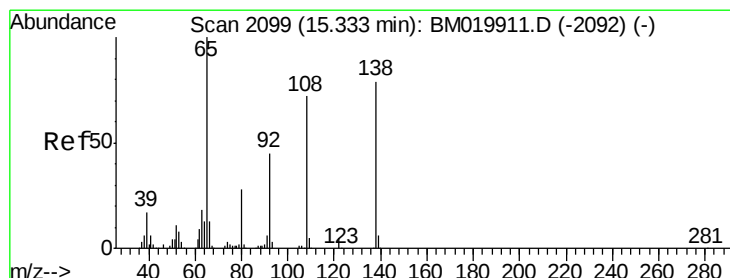
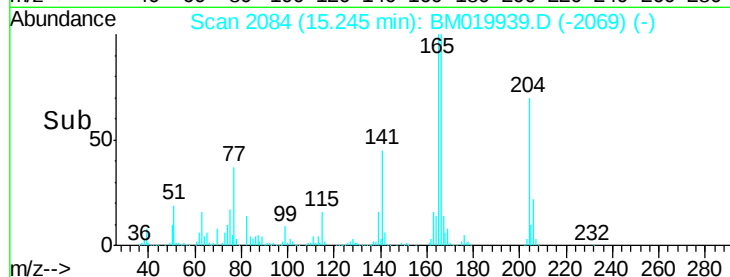
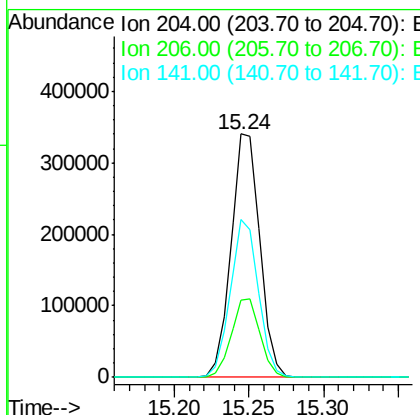
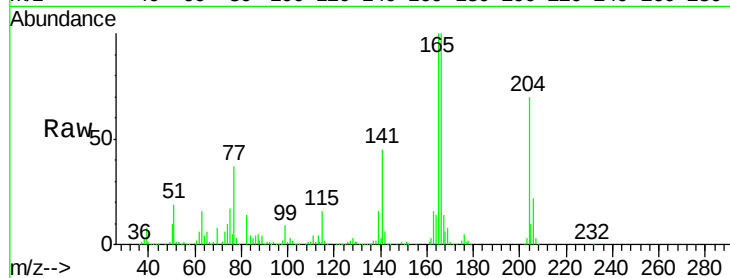




#61
4-Chlorophenyl-phenylether
Concen: 35.542 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

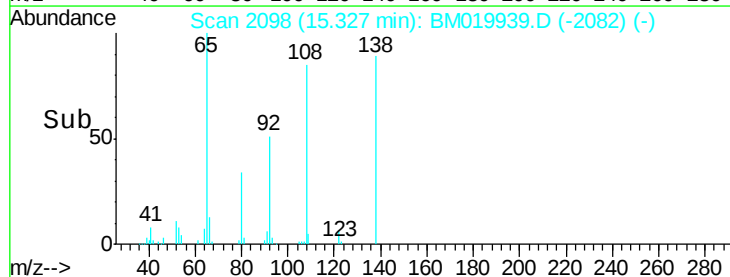
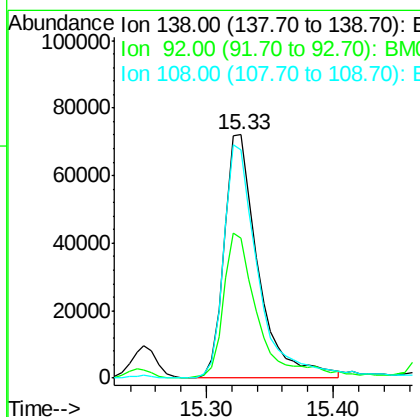
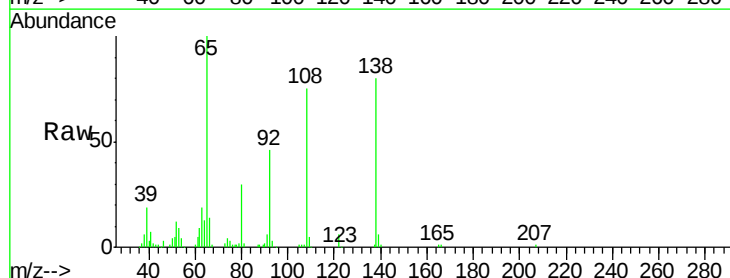
Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

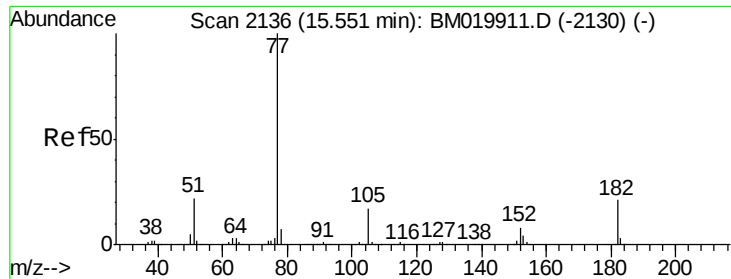
Tgt Ion: 204 Resp: 460496
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.8
141 65.0 47.0 70.4



#62
4-Nitroaniline
Concen: 22.958 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion: 138 Resp: 134238
Ion Ratio Lower Upper
138 100
92 57.7 36.8 76.8
108 93.5 71.5 111.5

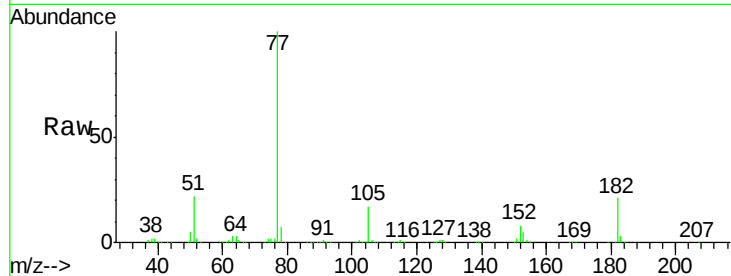




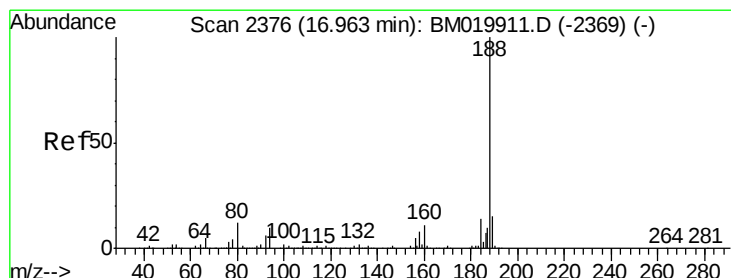
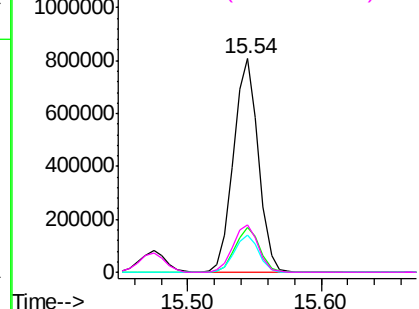
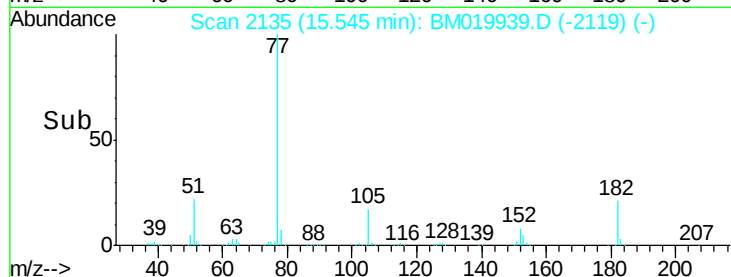
#63
Azobenzene
Concen: 35.174 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

Tgt Ion: 77 Resp: 1050884
Ion Ratio Lower Upper
77 100
182 20.7 1.0 41.0
105 17.5 0.0 37.1
51 22.3 2.1 42.1

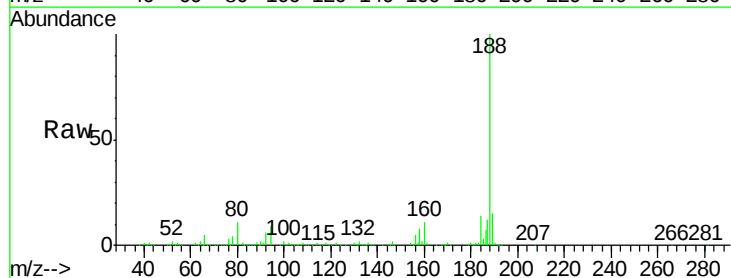


Abundance Ion 77.00 (76.70 to 77.70): BM019939.D (-2135) (-)
Ion 182.00 (181.70 to 182.70): BM019939.D (-2135) (-)
Ion 105.00 (104.70 to 105.70): BM019939.D (-2135) (-)
Ion 51.00 (50.70 to 51.70): BM019939.D (-2135) (-)

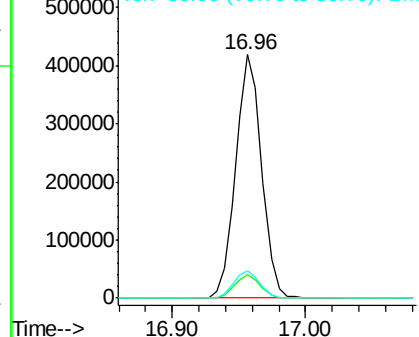
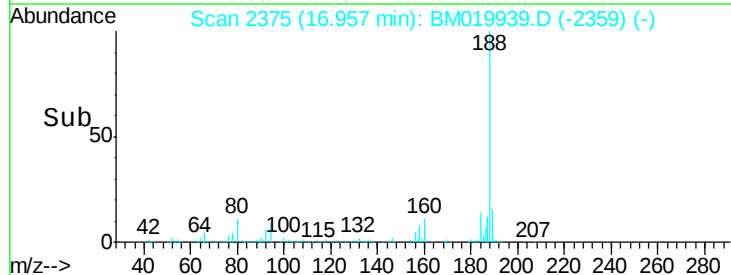


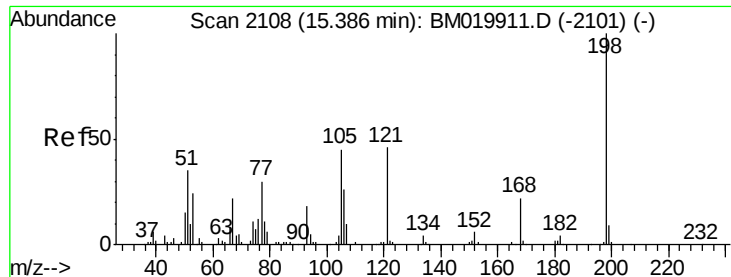
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion: 188 Resp: 566590
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 11.3 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): BM019939.D (-2359) (-)
Ion 94.00 (93.70 to 94.70): BM019939.D (-2359) (-)
Ion 80.00 (79.70 to 80.70): BM019939.D (-2359) (-)

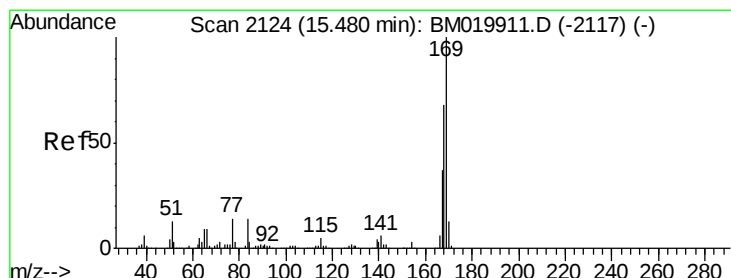
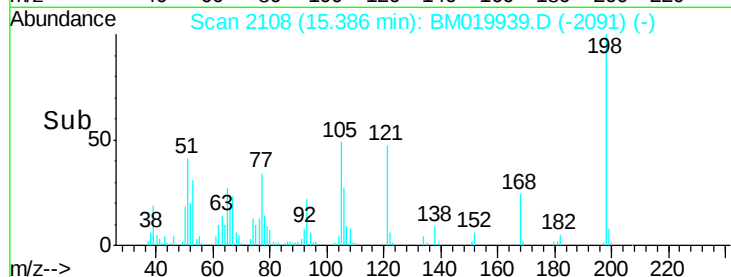
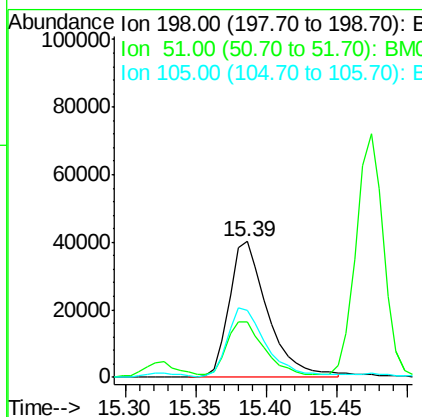
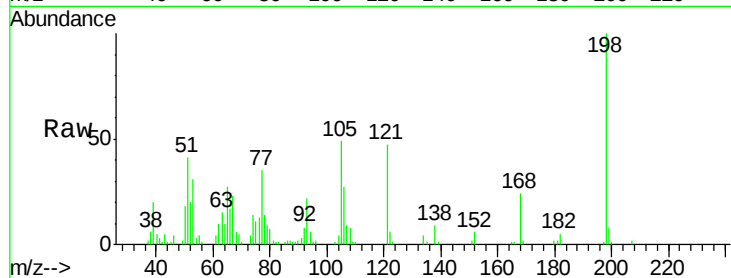




#65
4,6-Dinitro-2-methylphenol
Concen: 21.208 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

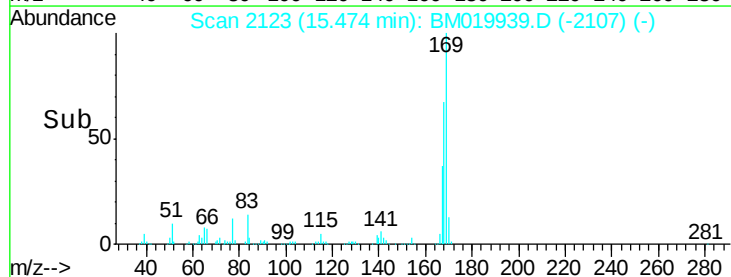
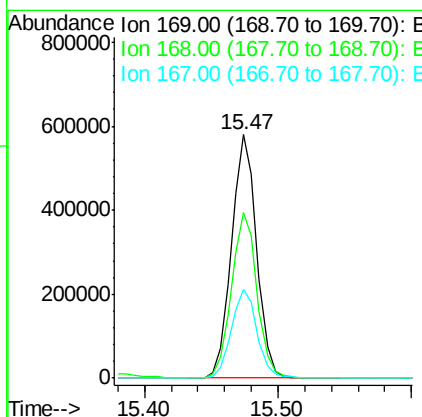
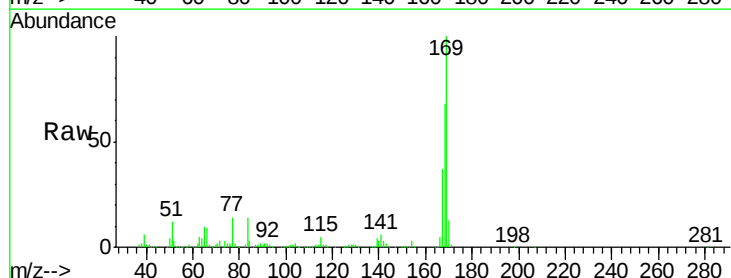
Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

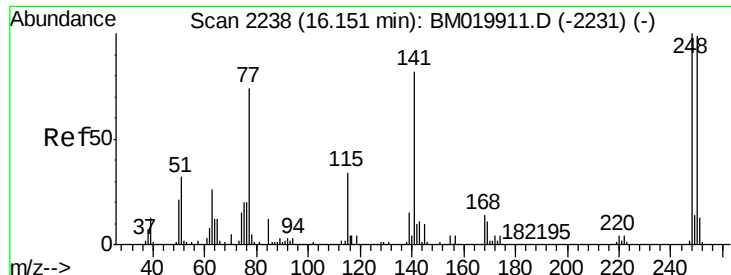
Tgt Ion:198 Resp: 76668
Ion Ratio Lower Upper
198 100
51 41.0 17.9 57.9
105 49.4 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 41.088 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion:169 Resp: 761078
Ion Ratio Lower Upper
169 100
168 68.2 54.7 82.1
167 36.5 29.4 44.0

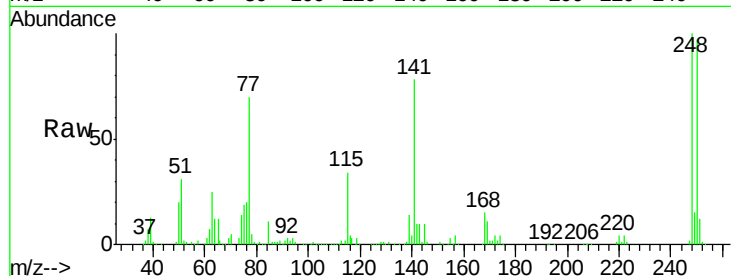




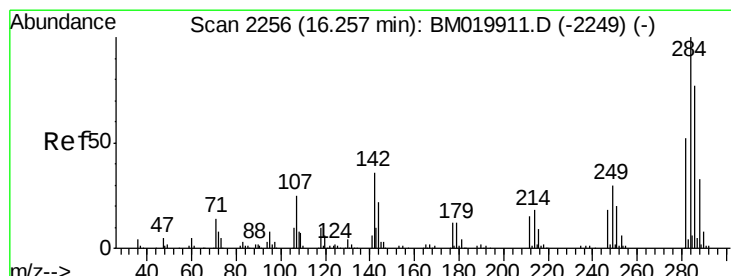
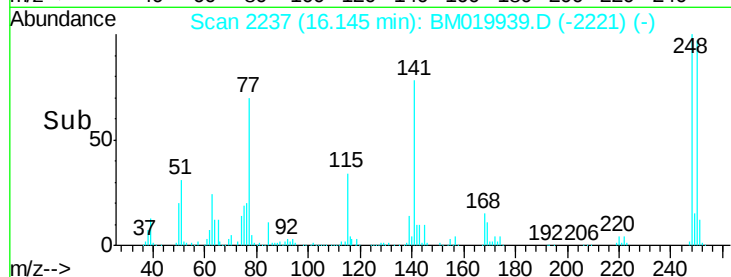
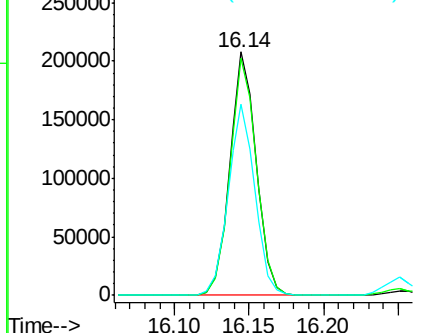
#67
 4-Bromophenyl-phenylether
 Concen: 39.542 ng
 RT: 16.14 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion: 248 Resp: 257585
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.9 118.3
 141 78.4 65.6 98.4

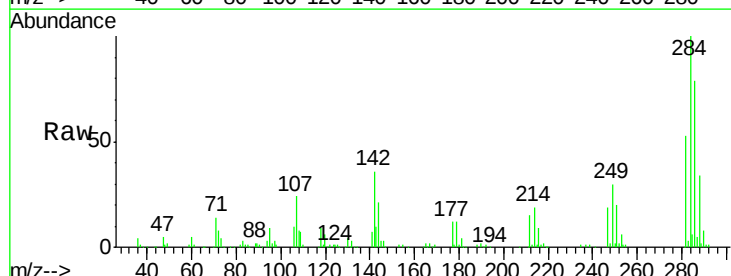


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

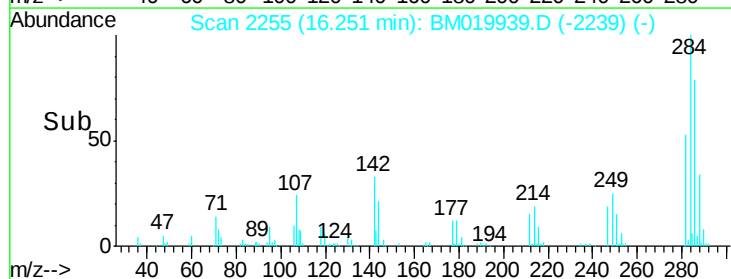
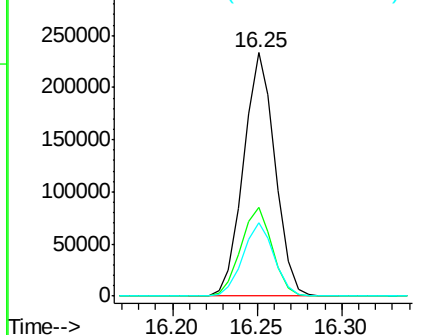


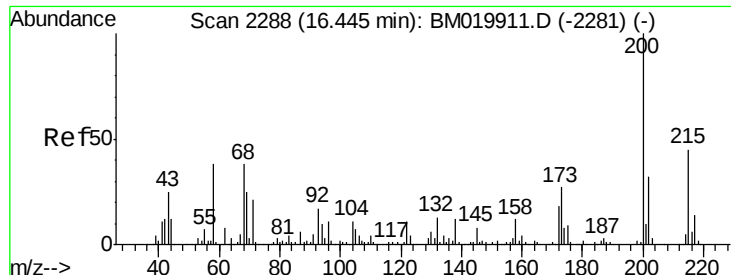
#68
 Hexachlorobenzene
 Concen: 38.846 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion: 284 Resp: 303630
 Ion Ratio Lower Upper
 284 100
 142 36.4 28.9 43.3
 249 30.3 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





#69

Atrazine

Concen: 37.876 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

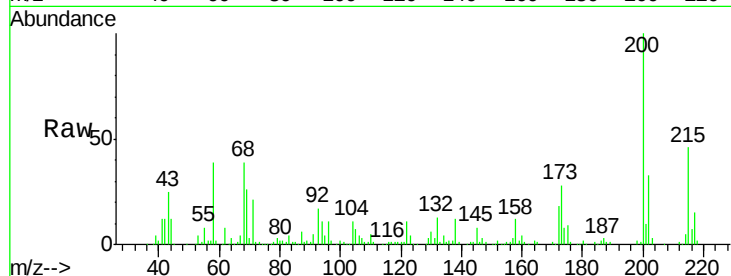
Tgt Ion:200 Resp: 238169

Ion Ratio Lower Upper

200 100

173 27.7 7.2 47.2

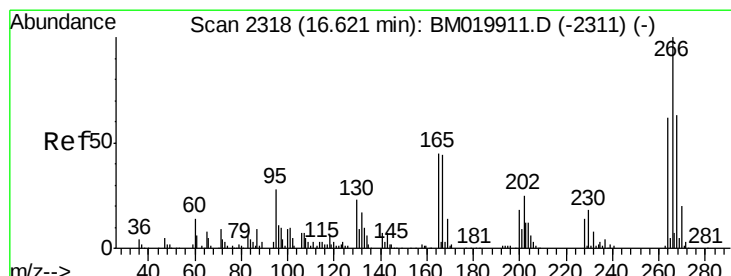
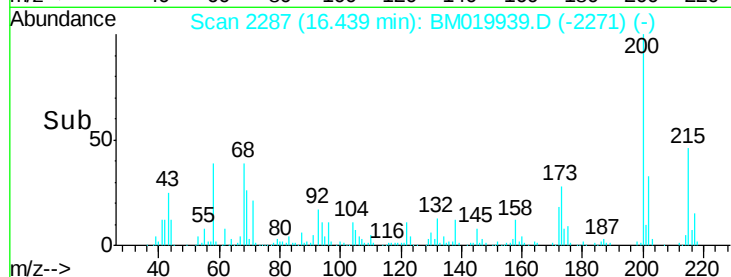
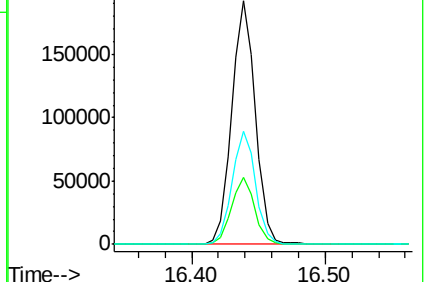
215 46.2 25.4 65.4



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



#70

Pentachlorophenol

Concen: 70.216 ng

RT: 16.62 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

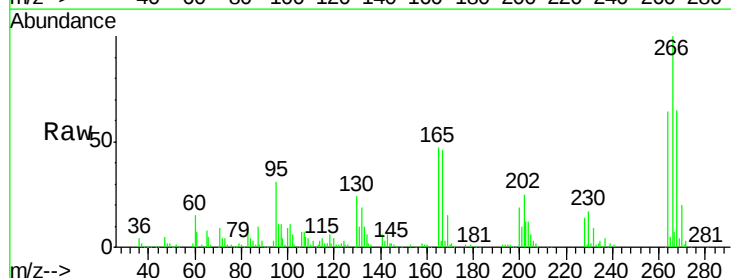
Tgt Ion:266 Resp: 280418

Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

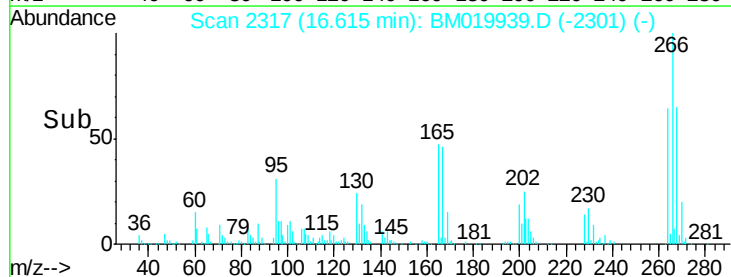
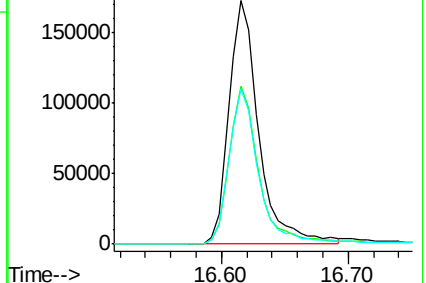
264 63.7 49.8 74.8

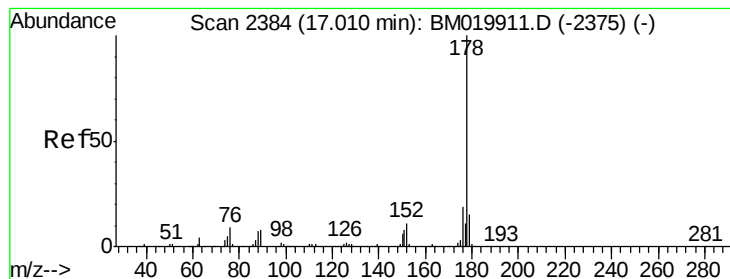


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.112 ng

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

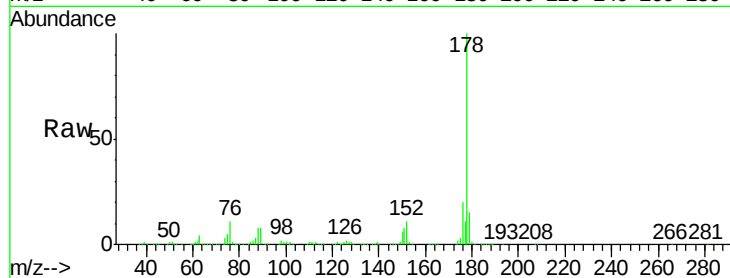
Tgt Ion:178 Resp: 1247834

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

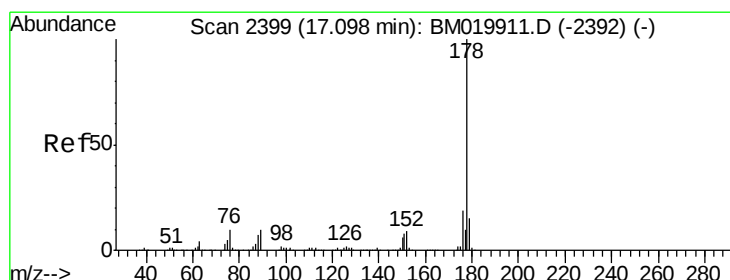
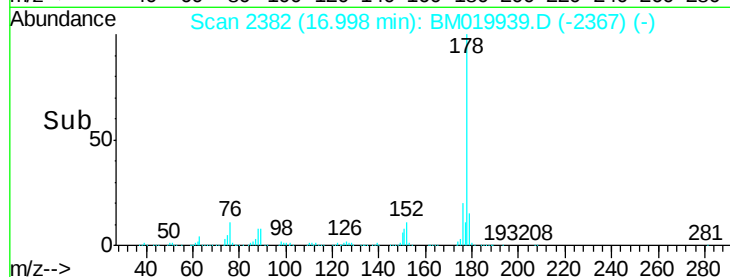
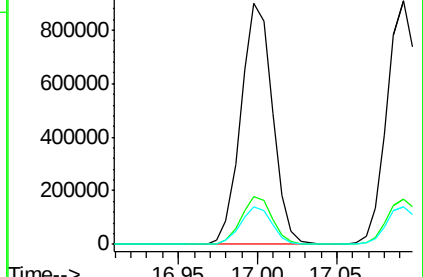
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.657 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

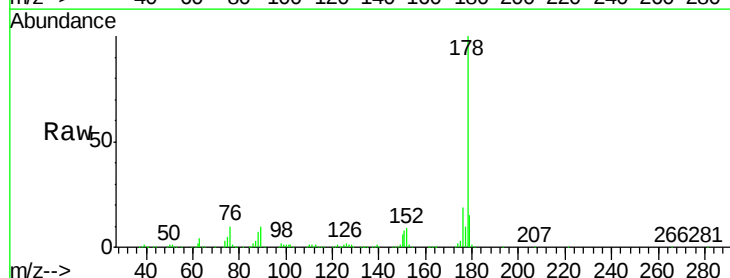
Tgt Ion:178 Resp: 1260357

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

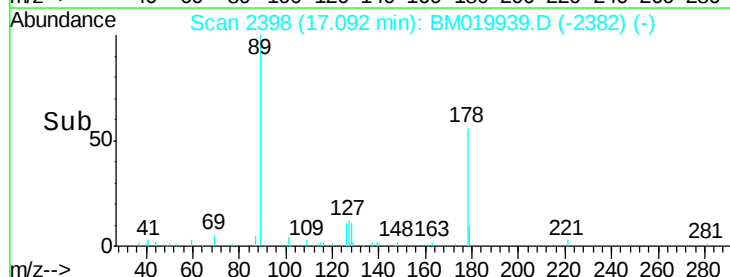
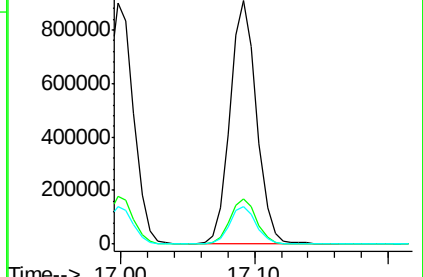
179 15.5 12.2 18.4

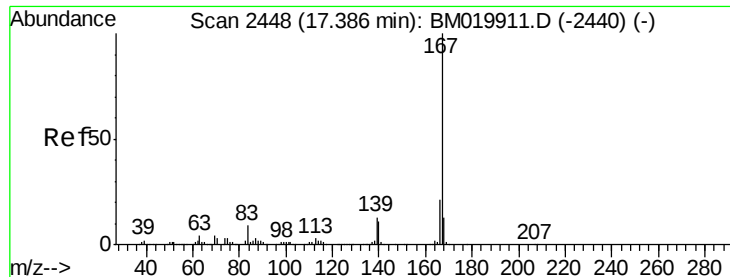


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

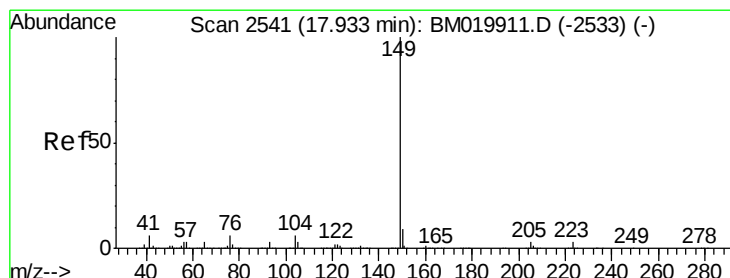
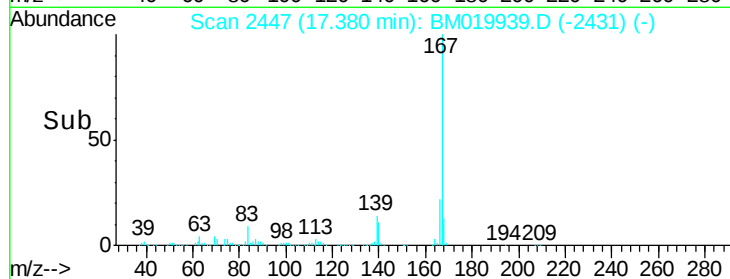
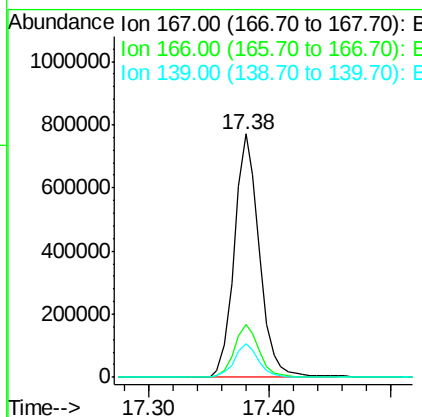
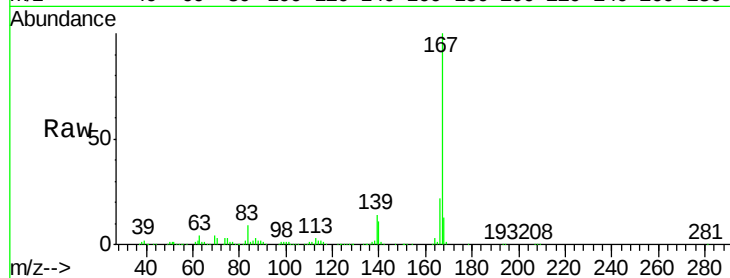




#73
 Carbazole
 Concen: 35.580 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

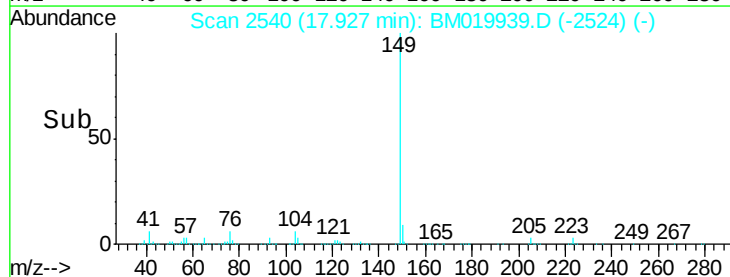
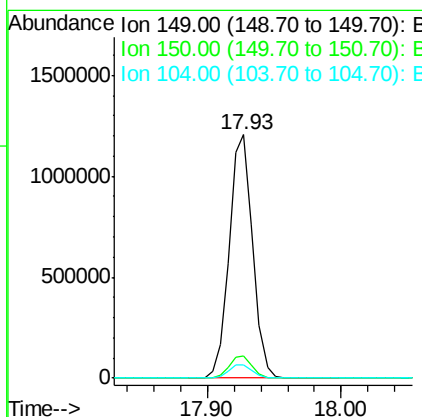
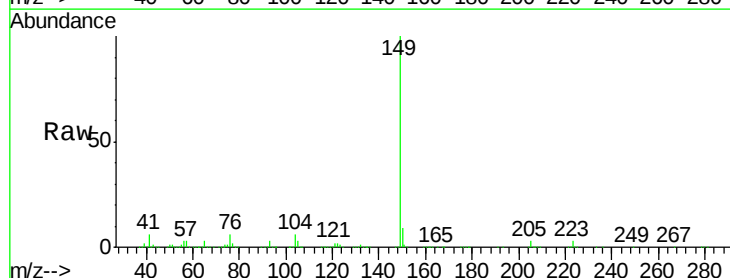
Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-AMS

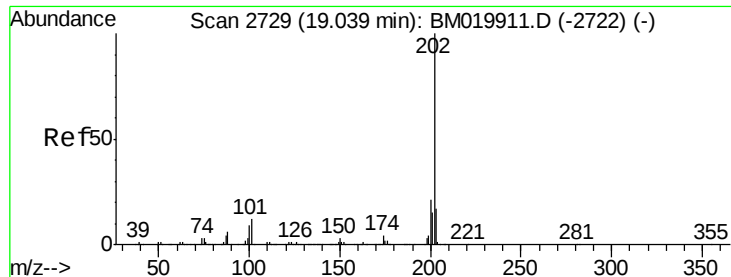
Tgt Ion:167 Resp: 1111822
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 36.155 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019939.D
 Acq: 17 Apr 2019 15:35

Tgt Ion:149 Resp: 1483733
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.7 4.6 7.0





#75

Fluoranthene

Concen: 33.783 ng

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

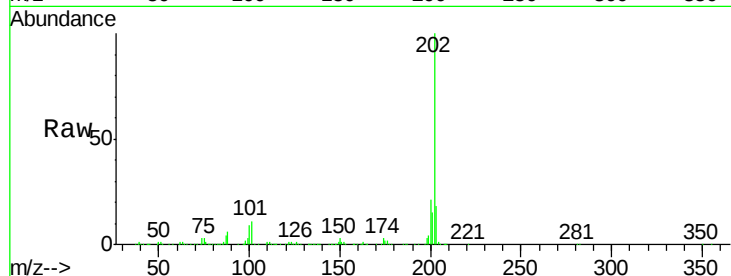
Tgt Ion:202 Resp: 1307222

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.7

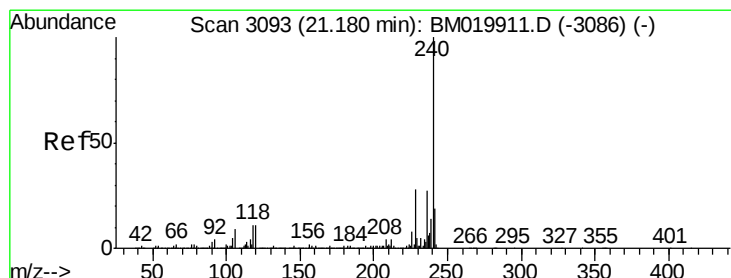
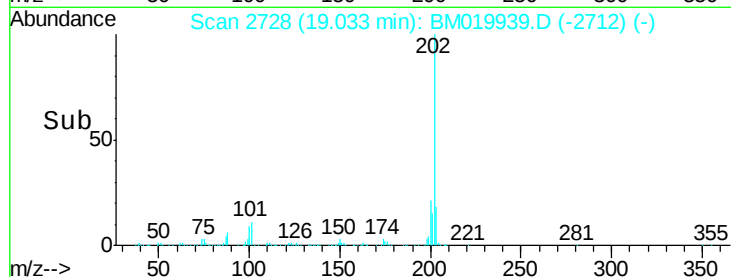
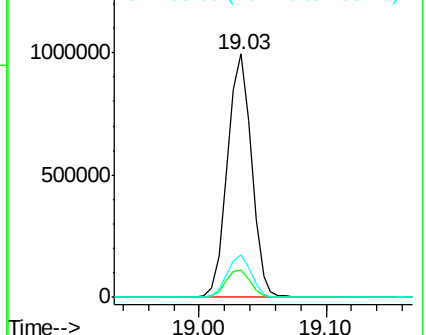
203 17.6 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

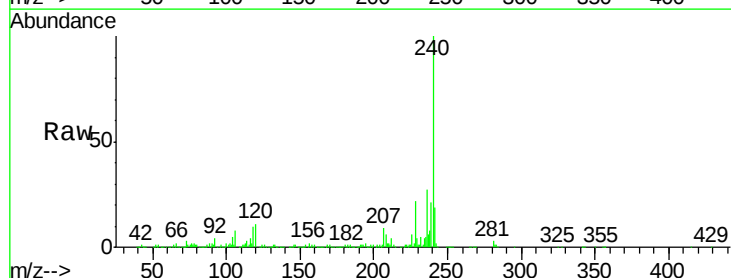
Tgt Ion:240 Resp: 516499

Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

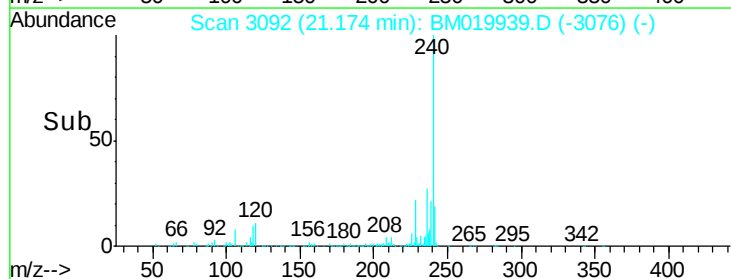
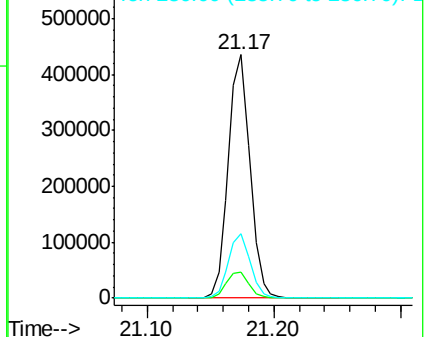
236 26.6 21.4 32.2

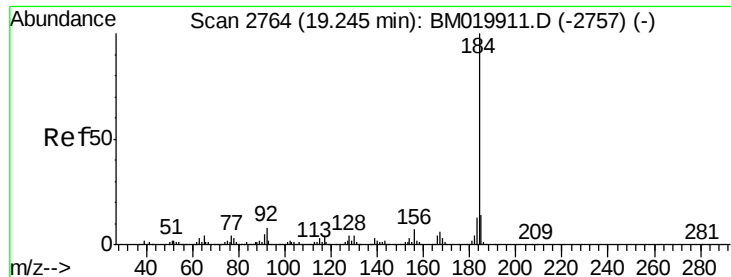


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.825 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

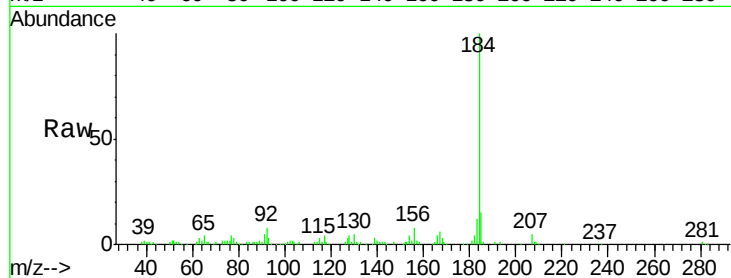
Tgt Ion:184 Resp: 225526

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.6

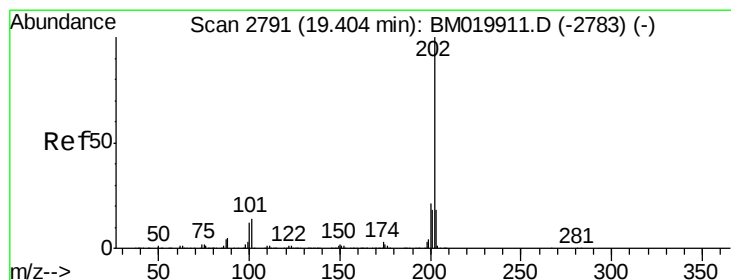
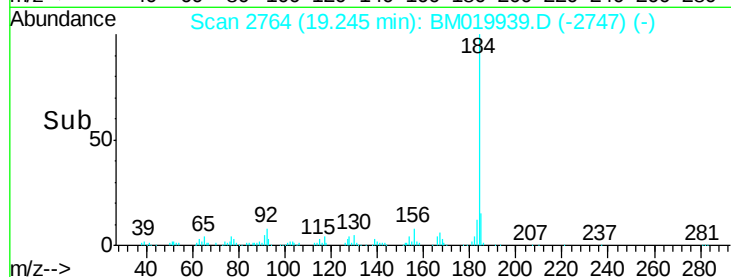
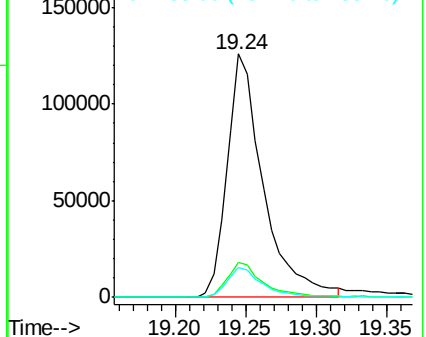
183 12.2 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.223 ng

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

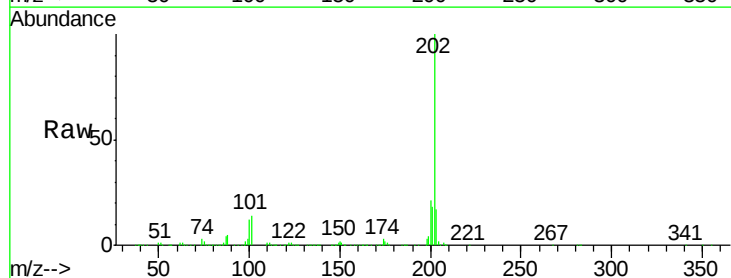
Tgt Ion:202 Resp: 1341573

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

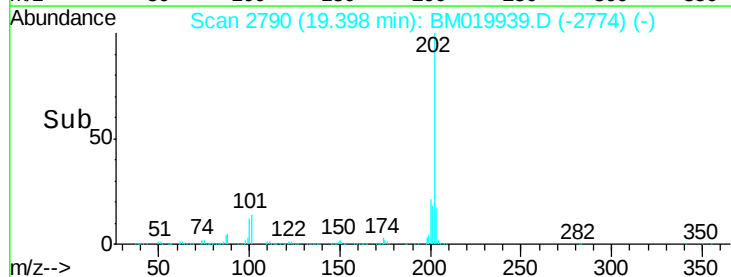
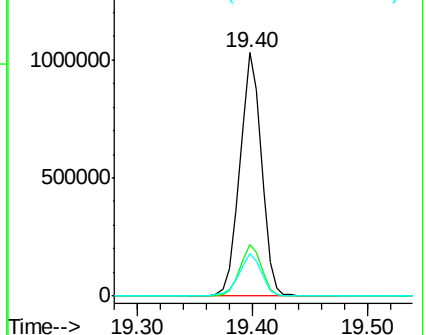
203 17.4 14.0 21.0

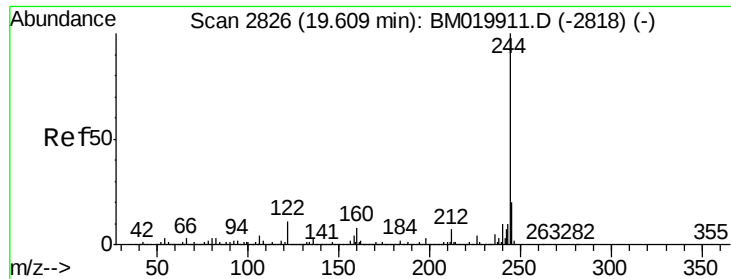


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.822 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

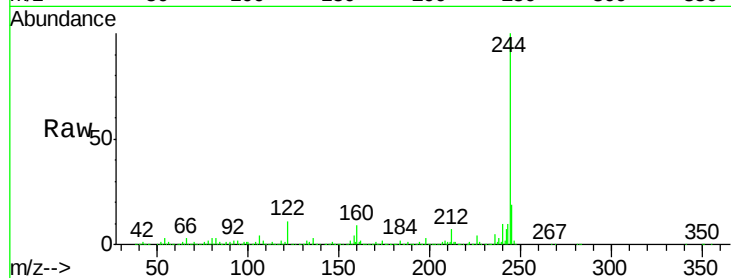
Tgt Ion:244 Resp: 2103157

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

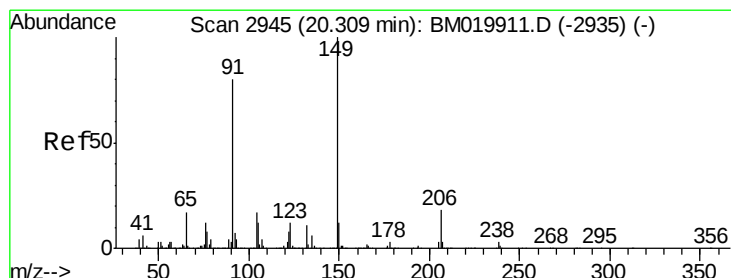
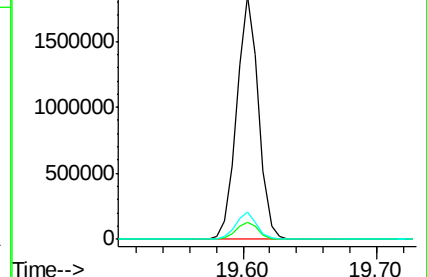
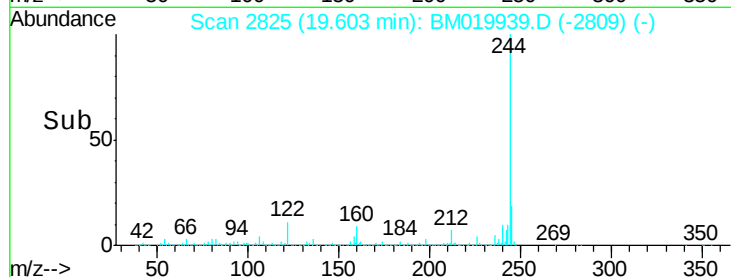
122 11.2 9.1 13.7



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



#80

Butylbenzylphthalate

Concen: 39.150 ng

RT: 20.30 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

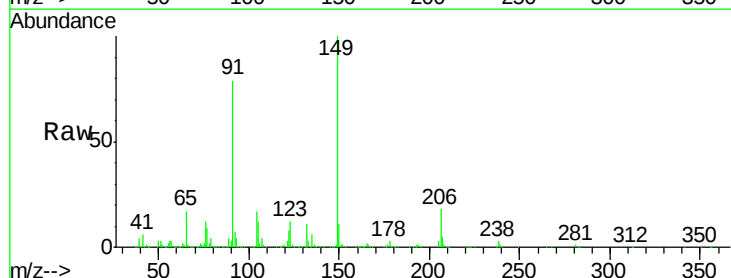
Tgt Ion:149 Resp: 649219

Ion Ratio Lower Upper

149 100

91 79.0 63.7 95.5

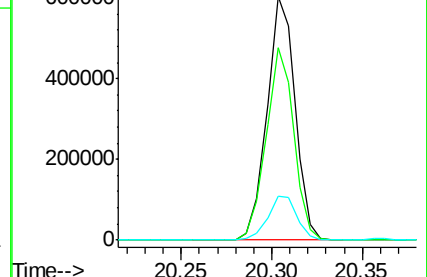
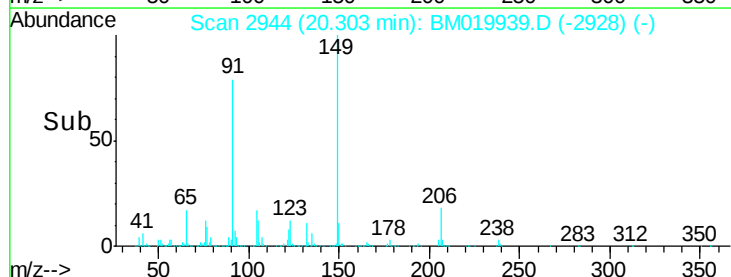
206 18.1 14.6 21.8

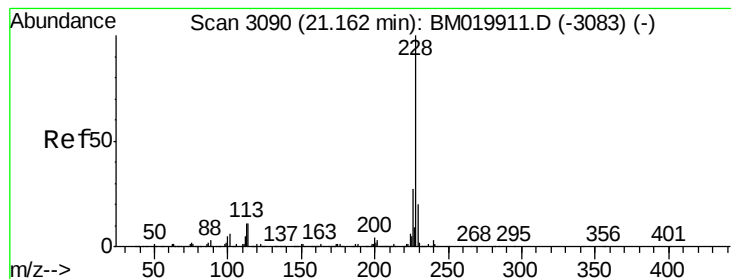


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.659 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

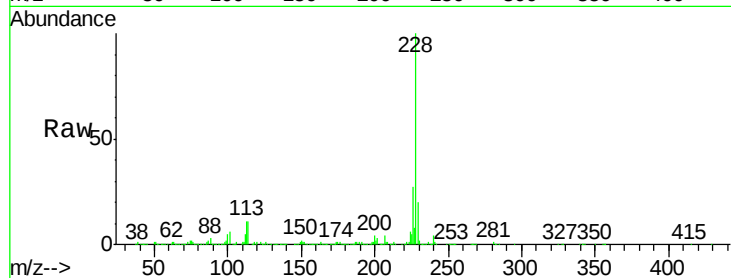
Tgt Ion:228 Resp: 1330308

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

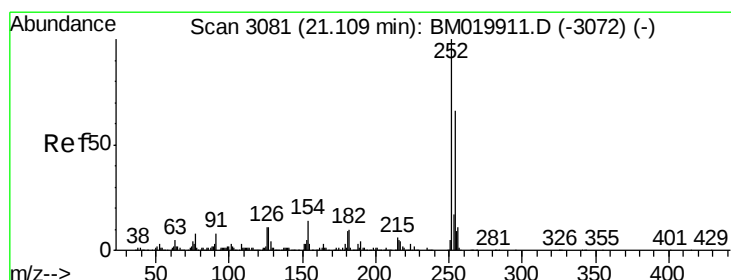
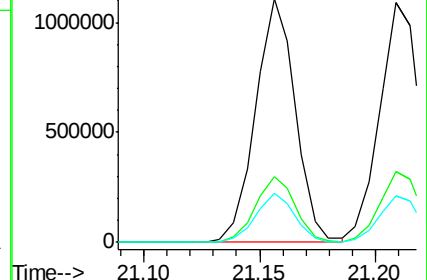
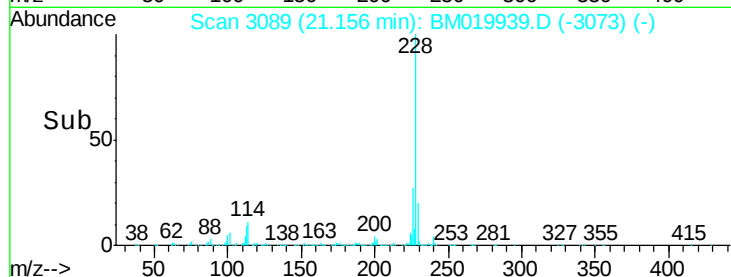
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.381 ng

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

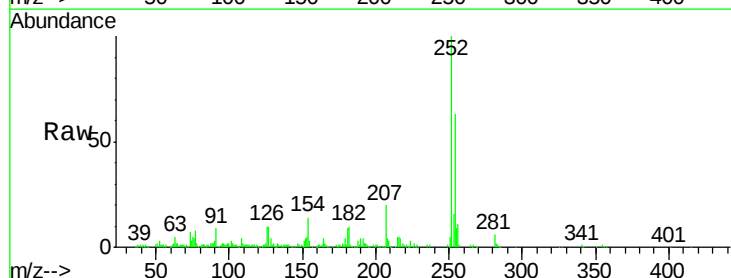
Tgt Ion:252 Resp: 235932

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

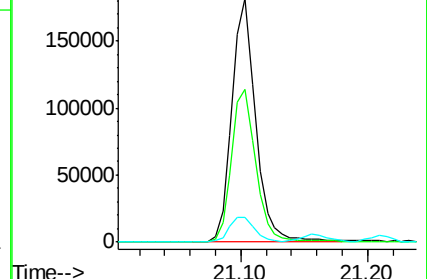
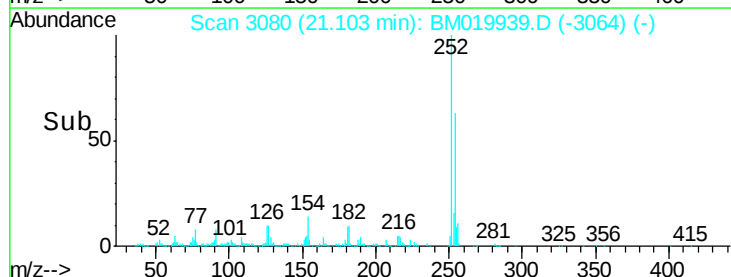
126 10.4 8.6 12.8

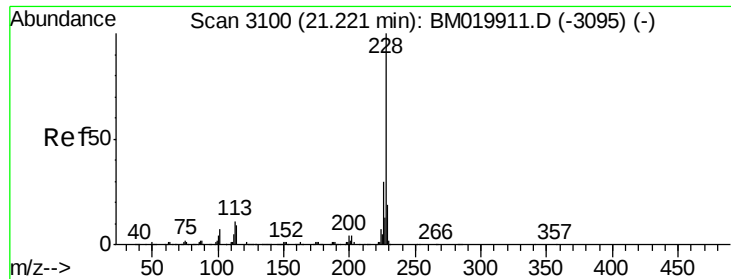


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

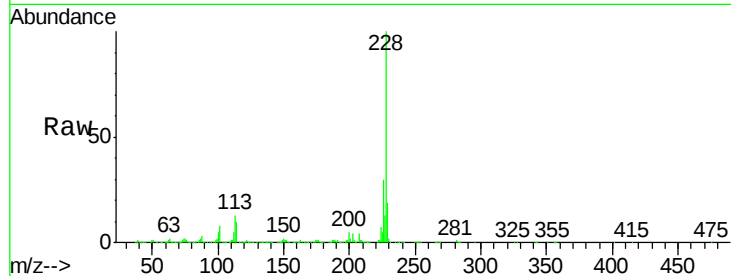
Tgt Ion:228 Resp: 1317848

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

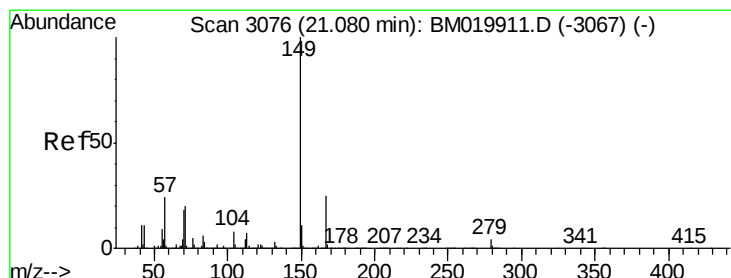
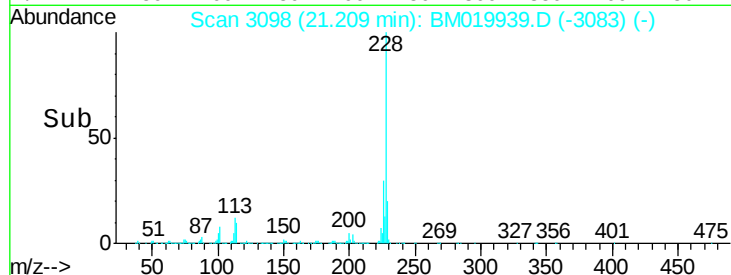
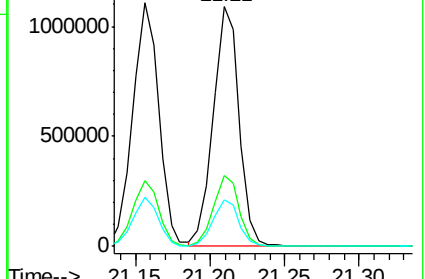
229 19.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.288 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

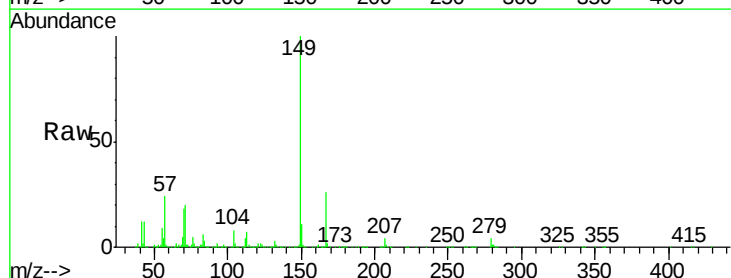
Tgt Ion:149 Resp: 969921

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

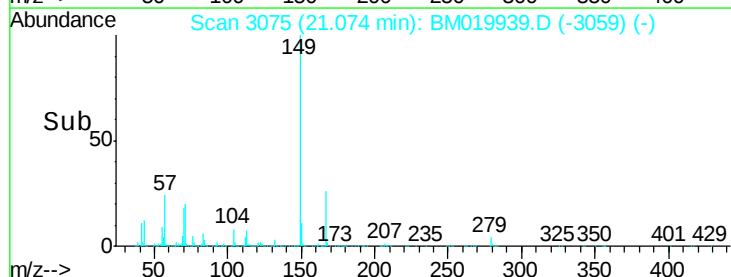
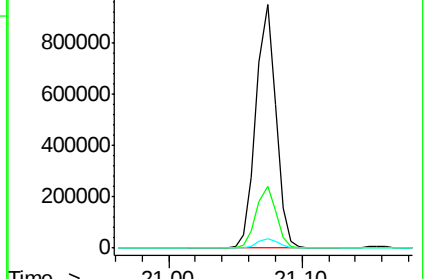
279 4.1 3.4 5.2

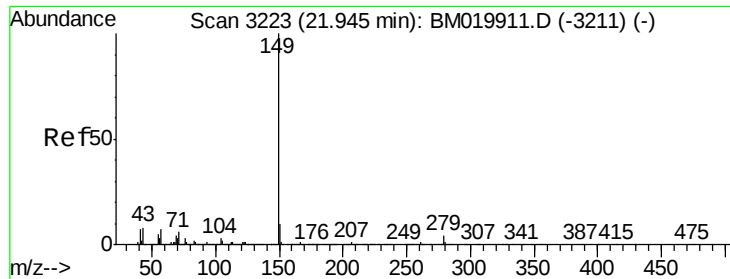


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.065 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

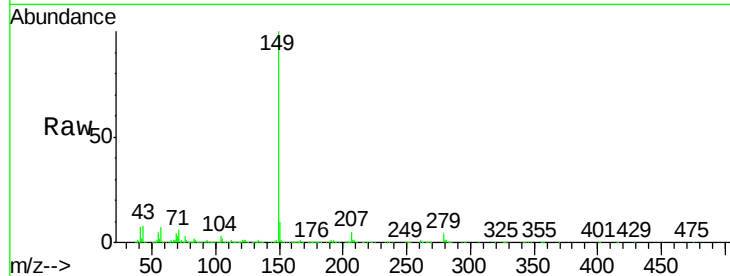
Tgt Ion:149 Resp: 1765166

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

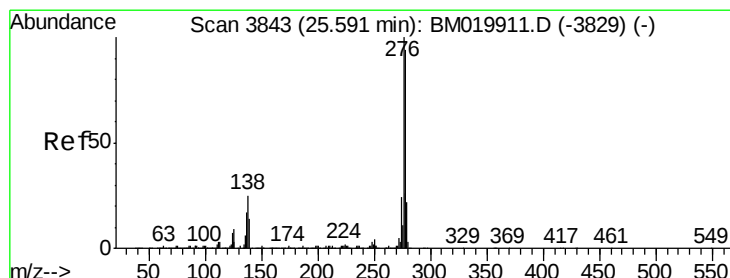
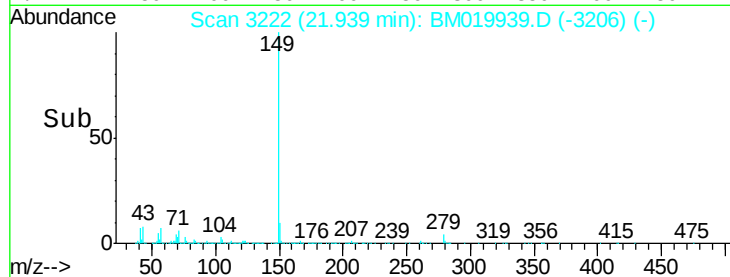
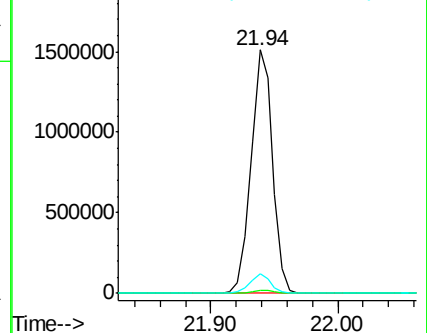
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 73.214 ng

RT: 25.58 min Scan# 3841

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

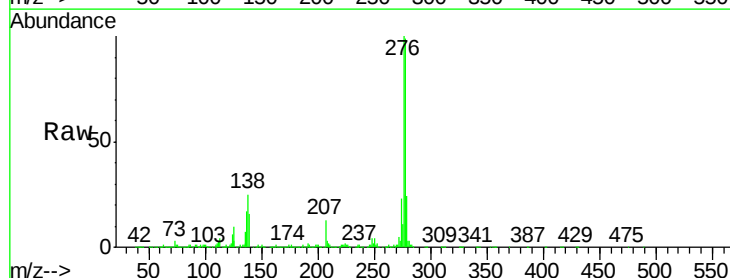
Tgt Ion:276 Resp: 2259908

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

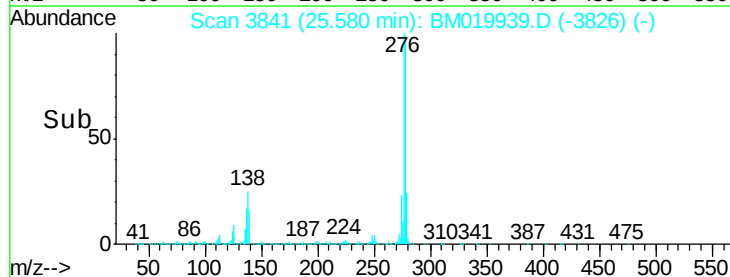
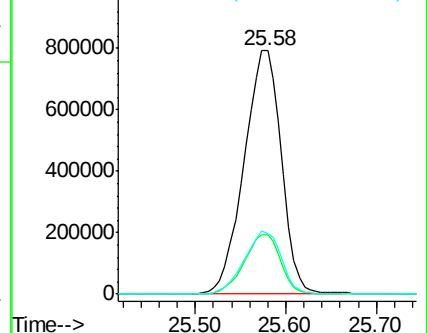
277 25.7 20.3 30.5

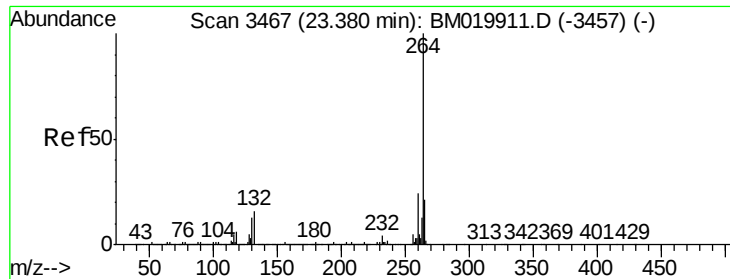


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

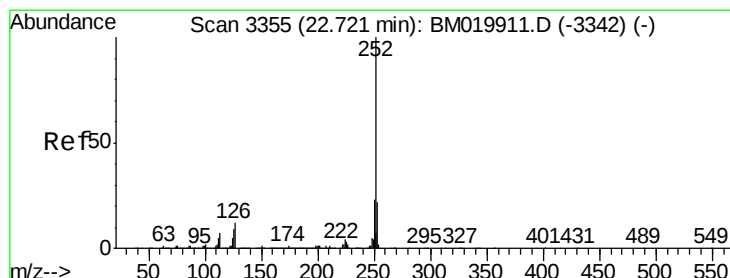
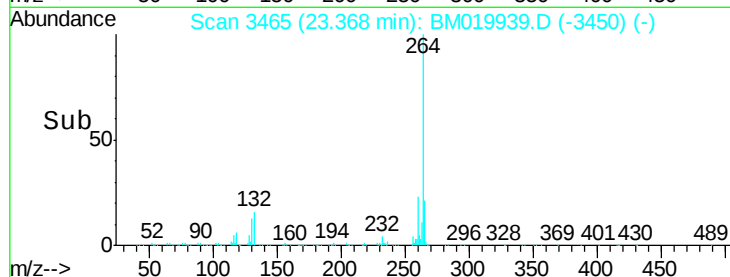
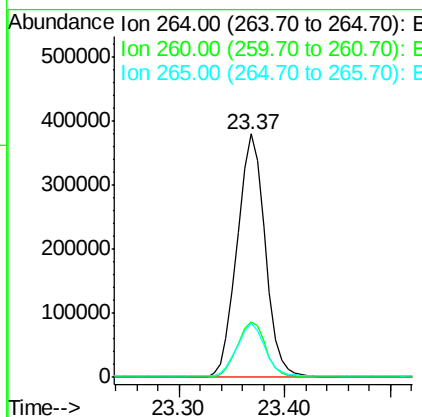
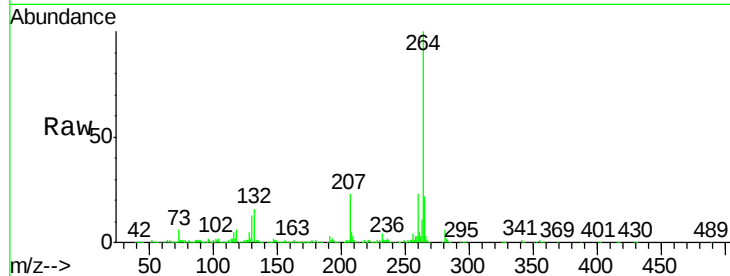




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

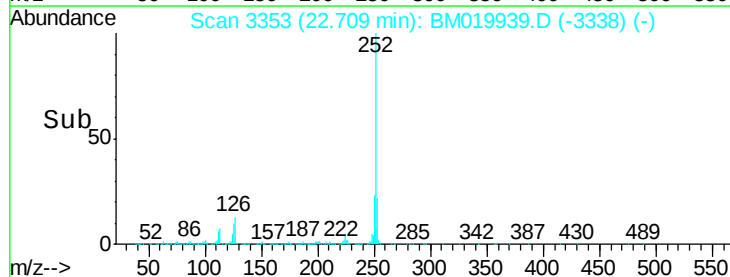
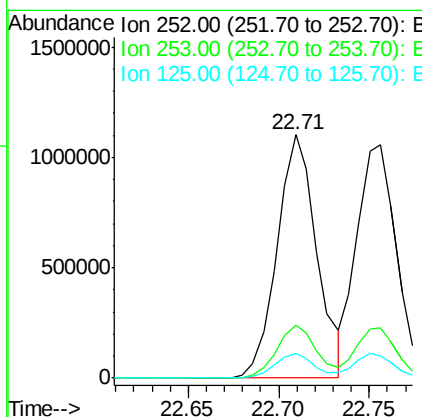
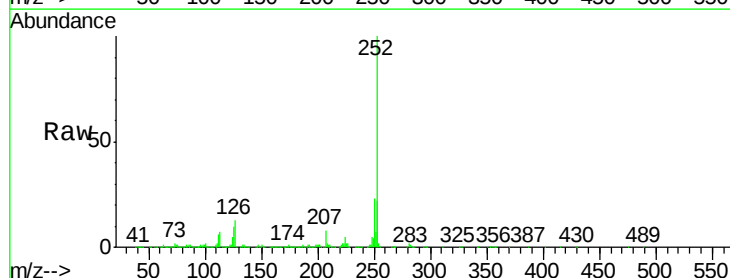
Instrument :
BNA_M
ClientSampleId :
SU-01-041519-AMS

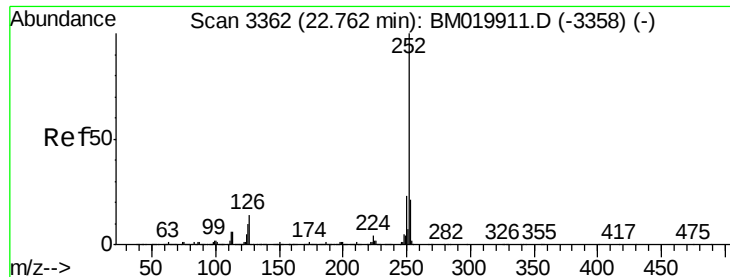
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 36.323 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM019939.D
Acq: 17 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 36.837 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

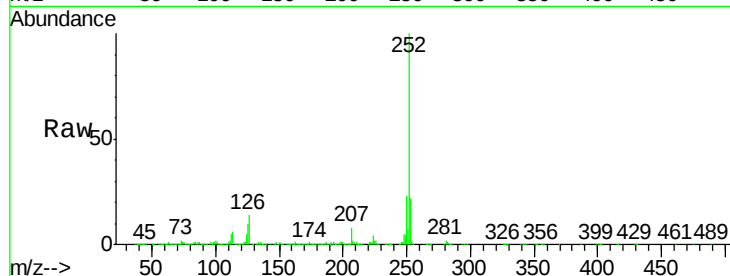
Tgt Ion:252 Resp: 1607660

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

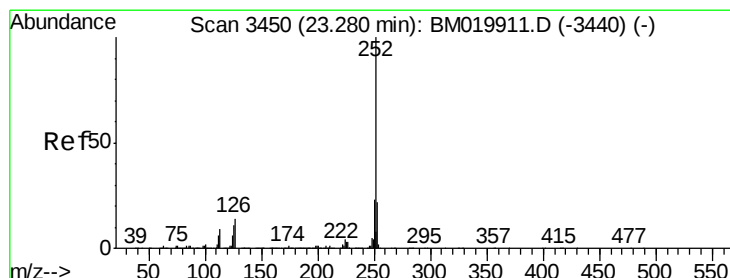
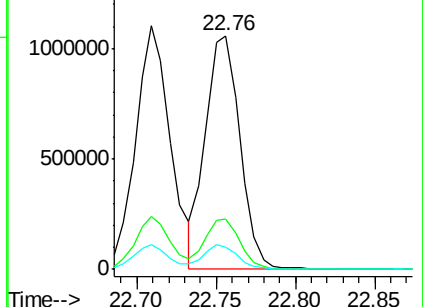
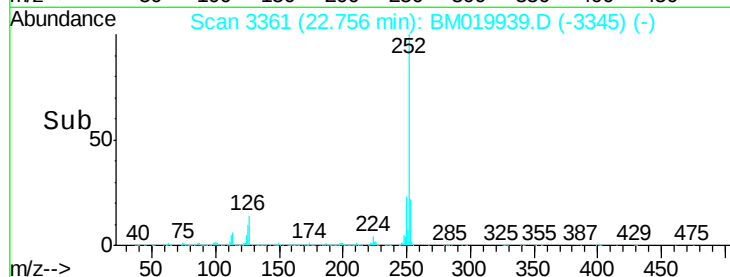
125 9.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.002 ng

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

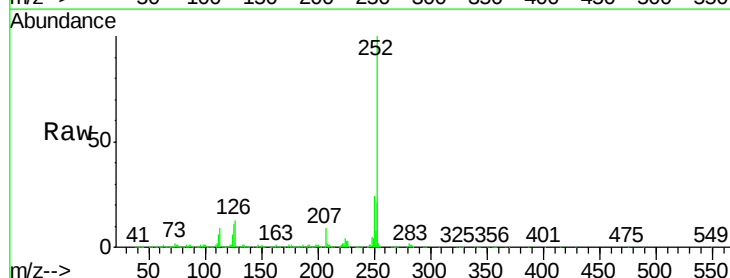
Tgt Ion:252 Resp: 1643097

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

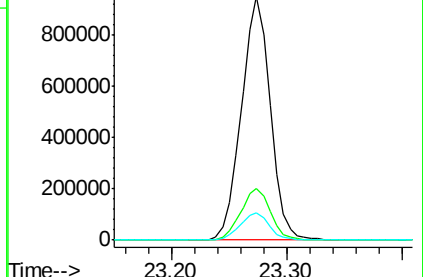
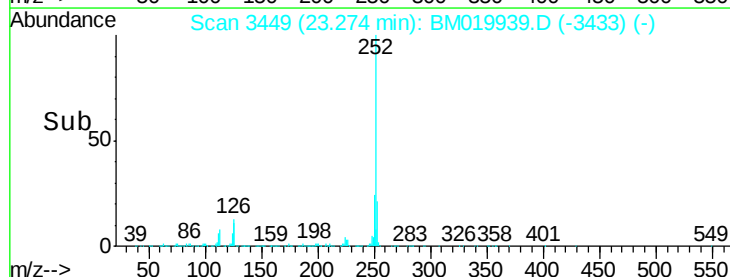
125 11.1 9.1 13.7

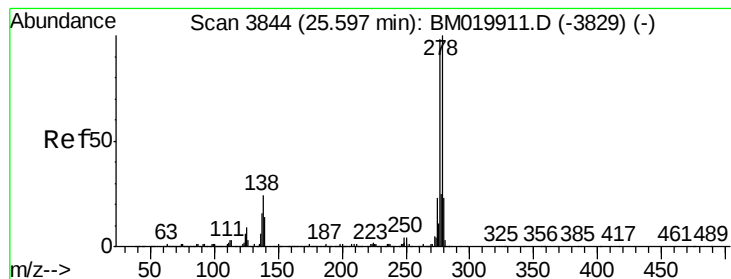


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.897 ng

RT: 25.58 min Scan# 3841

Delta R.T. -0.02 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-AMS

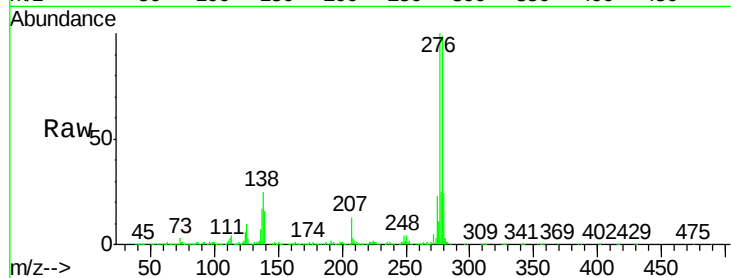
Tgt Ion:278 Resp: 1936403

Ion Ratio Lower Upper

278 100

139 15.7 11.6 17.4

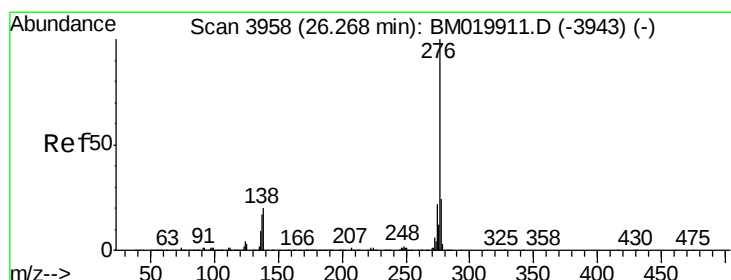
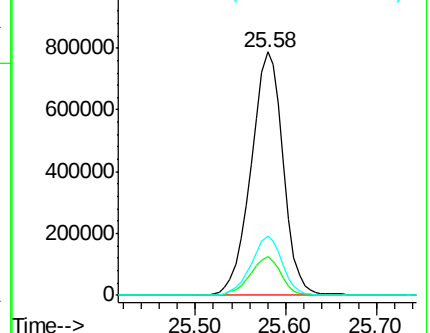
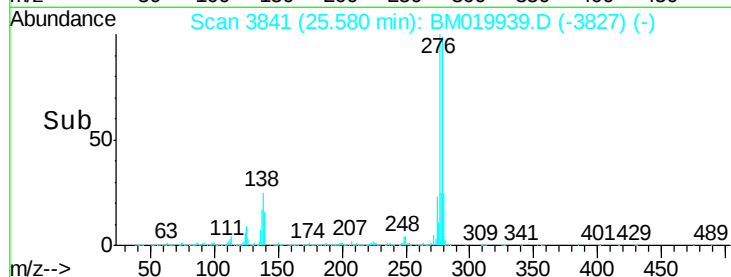
279 24.2 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.258 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BM019939.D

Acq: 17 Apr 2019 15:35

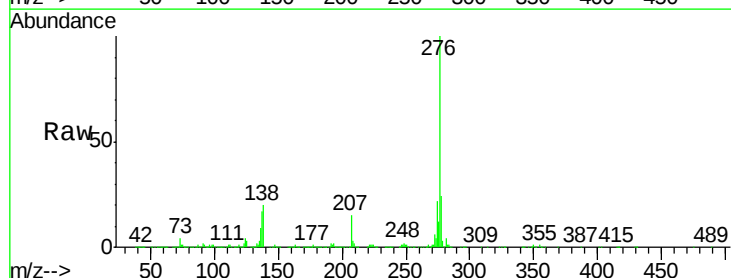
Tgt Ion:276 Resp: 1838559

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.7 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

