

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019042.D
 Acq On : 05 Mar 2019 18:27
 Operator : JU/SJ
 Sample : K1705-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Quant Time: Mar 06 05:55:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	255378	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	974514	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	526814	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1094158	20.00	ng	0.00
76) Chrysene-d12	21.28	240	884747	20.00	ng	0.00
87) Perylene-d12	23.53	264	869717	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1942753	124.64	ng	0.00
7) Phenol-d6	6.86	99	2661894	121.23	ng	0.00
23) Nitrobenzene-d5	8.85	82	1669426	79.21	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	925612	121.89	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3021844	76.14	ng	0.00
79) Terphenyl-d14	19.72	244	3684900	85.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	221420	32.617	ng	100
3) Pyridine	3.63	79	468198	25.284	ng	98
4) n-Nitrosodimethylamine	3.55	42	184219	39.106	ng	94
6) Aniline	7.02	93	406693	15.117	ng	100
8) 2-Chlorophenol	7.25	128	619523	36.203	ng	98
9) Benzaldehyde	6.84	77	445281	36.167	ng	99
10) Phenol	6.88	94	918473	39.755	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	602099	34.164	ng	99
12) 1,3-Dichlorobenzene	7.56	146	659632	34.281	ng	98
13) 1,4-Dichlorobenzene	7.71	146	671896	34.299	ng	99
14) 1,2-Dichlorobenzene	8.02	146	640880	34.059	ng	98
15) Benzyl Alcohol	7.93	79	594387	34.068	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	589932	34.585	ng	96
17) 2-Methylphenol	8.12	107	523343	35.590	ng	96
18) Hexachloroethane	8.73	117	244691	34.218	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	547052	32.178	ng	99
20) 3+4-Methylphenols	8.45	107	709655	34.950	ng	99
22) Acetophenone	8.50	105	906964	33.890	ng	99
24) Nitrobenzene	8.89	77	772203	35.298	ng	99
25) Isophorone	9.40	82	1356341	40.333	ng	99
26) 2-Nitrophenol	9.59	139	323215	37.100	ng	99
27) 2,4-Dimethylphenol	9.65	122	551209	43.319	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	809667	37.233	ng	100
29) 2,4-Dichlorophenol	10.12	162	555605	38.027	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	597584	35.416	ng	99
31) Naphthalene	10.51	128	1808896	38.060	ng	99
32) Benzoic acid	9.80	122	298567	26.899	ng	95
33) 4-Chloroaniline	10.65	127	156441	7.363	ng	99
34) Hexachlorobutadiene	10.77	225	324301	33.112	ng	99
35) Caprolactam	11.46	113	157773	26.459	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	628153	35.659	ng	99
37) 2-Methylnaphthalene	12.13	142	1274643	38.092	ng	98
38) 1-Methylnaphthalene	12.35	142	1225366	37.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	608199	36.090	ng	99

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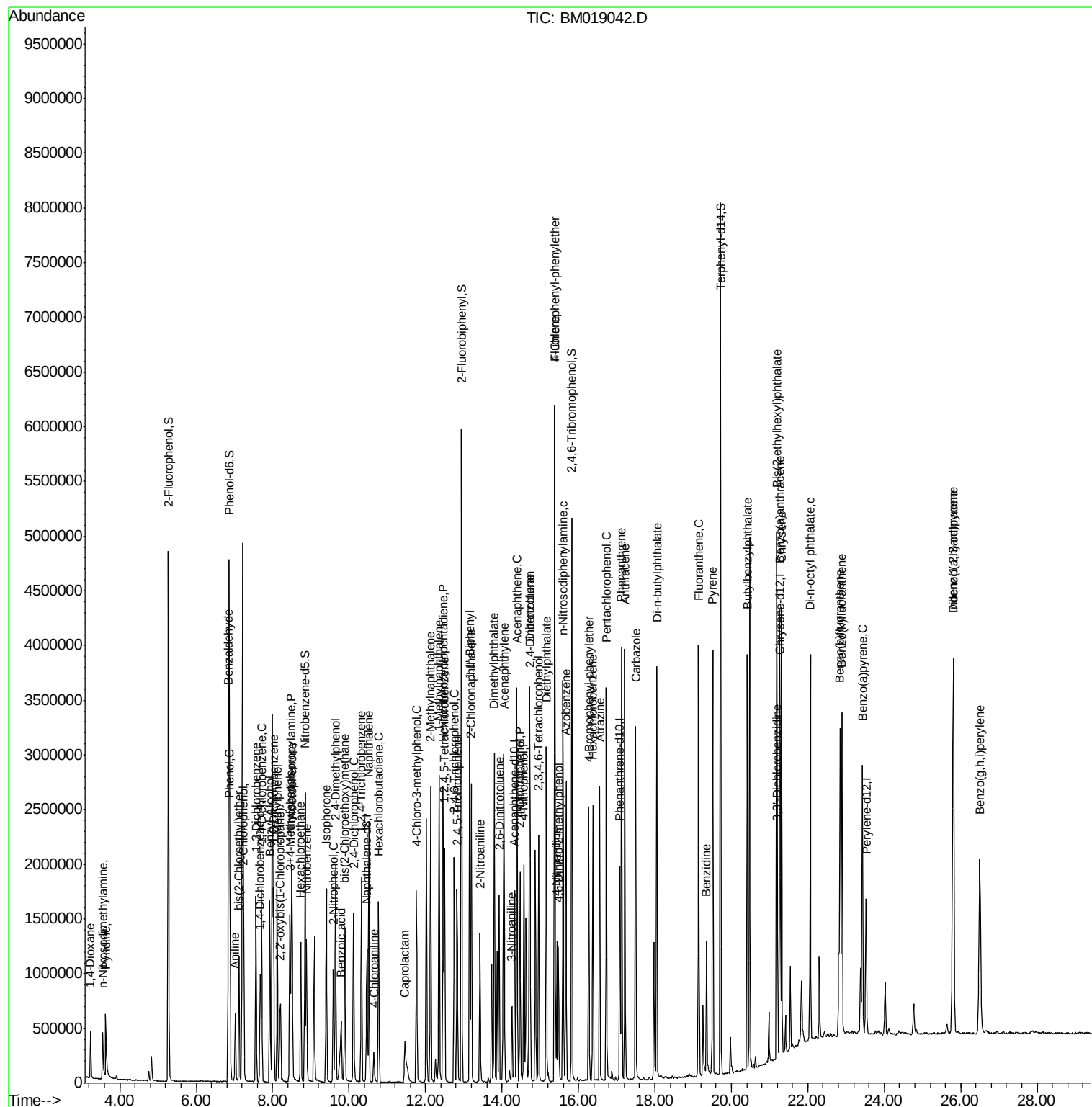
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	710670	82.482	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	437847	39.247	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	453210	38.758	ng	98
46) 1,1'-Biphenyl	13.16	154	1625568	35.847	ng	100
47) 2-Chloronaphthalene	13.20	162	1250471	35.702	ng	99
48) 2-Nitroaniline	13.43	65	420513	36.149	ng	96
49) Acenaphthylene	14.05	152	2020979	38.751	ng	99
50) Dimethylphthalate	13.80	163	1806951	41.156	ng	100
51) 2,6-Dinitrotoluene	13.93	165	348540	36.647	ng	95
52) Acenaphthene	14.39	154	1161796	36.330	ng	99
53) 3-Nitroaniline	14.26	138	175105	16.295	ng	98
54) 2,4-Dinitrophenol	14.47	184	408998	68.654	ng	99
55) Dibenzofuran	14.73	168	1869932	35.575	ng	99
56) 4-Nitrophenol	14.57	139	585509	68.254	ng	96
57) 2,4-Dinitrotoluene	14.72	165	478981	36.552	ng	98
58) Fluorene	15.38	166	1499711	37.295	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	400883	38.786	ng	99
60) Diethylphthalate	15.16	149	1595270	35.224	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	750139	33.271	ng	96
62) 4-Nitroaniline	15.43	138	327140	31.053	ng	97
63) Azobenzene	15.67	77	1675410	34.502	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	254278	33.100	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1326459	38.372	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	438682	35.819	ng	98
68) Hexachlorobenzene	16.37	284	508700	35.735	ng	99
69) Atrazine	16.56	200	436892	39.202	ng	98
70) Pentachlorophenol	16.73	266	624439	68.126	ng	99
71) Phenanthrene	17.13	178	2230873	37.939	ng	100
72) Anthracene	17.22	178	2239827	39.135	ng	99
73) Carbazole	17.50	167	2035372	34.039	ng	99
74) Di-n-butylphthalate	18.05	149	2597180	37.767	ng	99
75) Fluoranthene	19.15	202	2328707	34.284	ng	99
77) Benzidine	19.35	184	663642	33.306	ng	100
78) Pyrene	19.52	202	2314305	45.038	ng	100
80) Butylbenzylphthalate	20.42	149	1013820	43.292	ng	100
81) Benzo(a)anthracene	21.26	228	1892998	36.705	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	375072	18.402	ng	100
83) Chrysene	21.31	228	1826443	36.948	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1520915	44.374	ng	100
85) Di-n-octyl phthalate	22.07	149	2242160	38.922	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2342977	41.053	ng	100
88) Benzo(b)fluoranthene	22.84	252	1870767	37.596	ng	99
89) Benzo(k)fluoranthene	22.89	252	1846285	37.269	ng	99
90) Benzo(a)pyrene	23.43	252	1819310	38.595	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1983206	42.465	ng	98
92) Benzo(g,h,i)perylene	26.50	276	1949886	44.847	ng	99

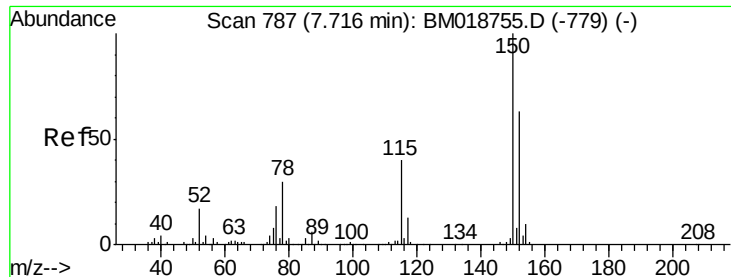
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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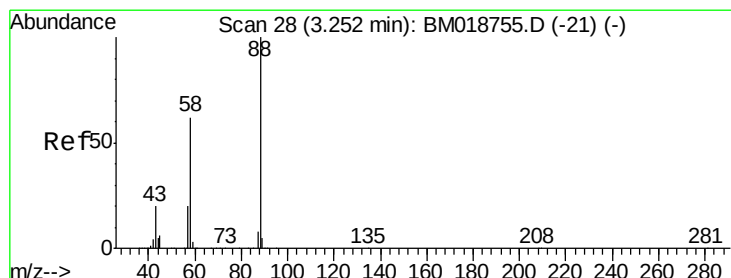
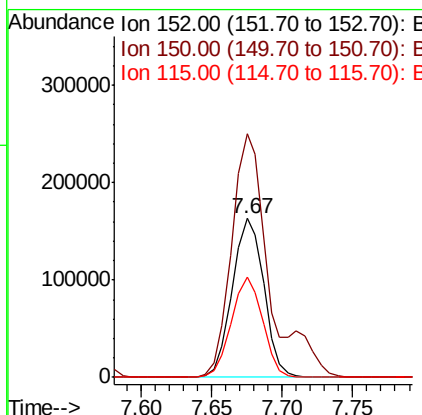
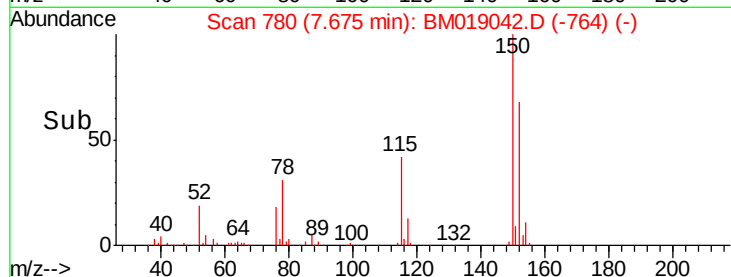
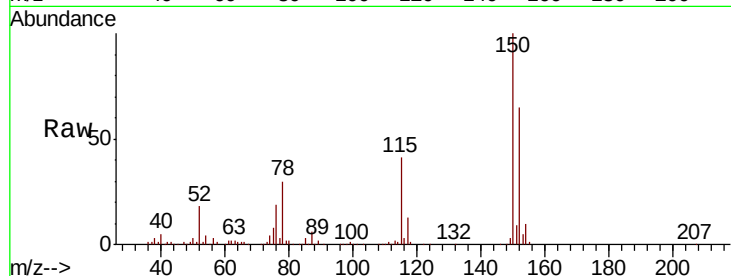


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

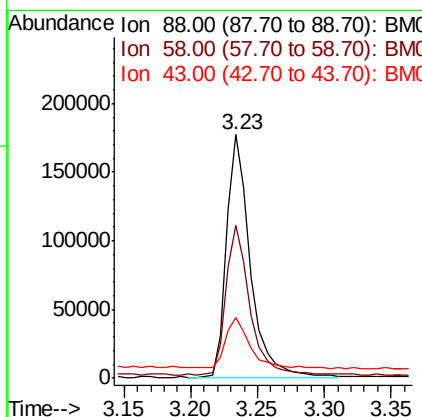
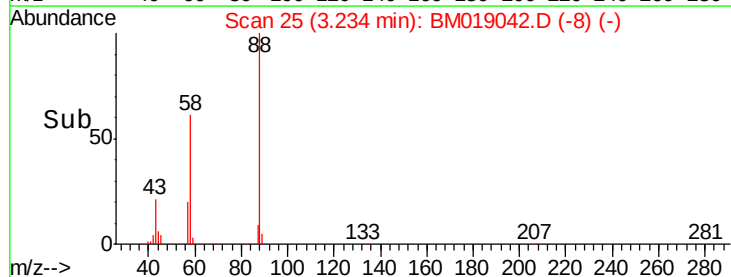
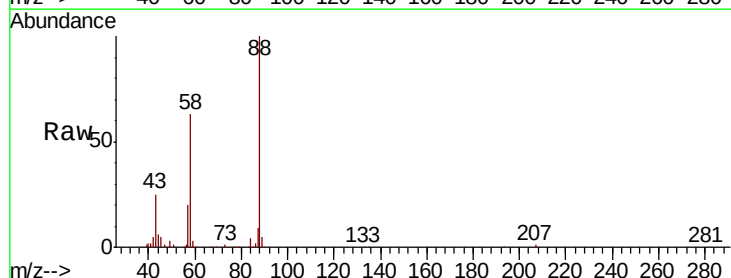
Tgt Ion:152 Resp: 255378
Ion Ratio Lower Upper
152 100
150 153.2 127.3 190.9
115 62.7 50.8 76.2

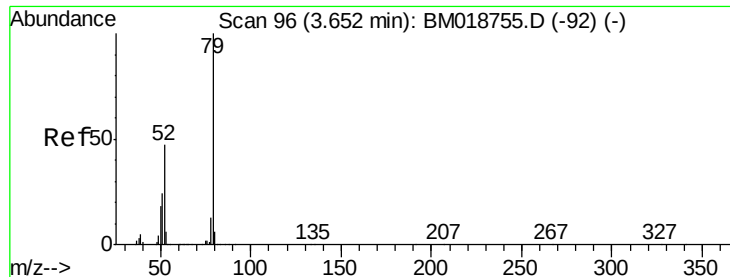


#2

1,4-Dioxane
Concen: 32.617 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion: 88 Resp: 221420
Ion Ratio Lower Upper
88 100
58 62.0 49.8 74.6
43 21.3 16.7 25.1





#3

Pyridine

Concen: 25.284 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

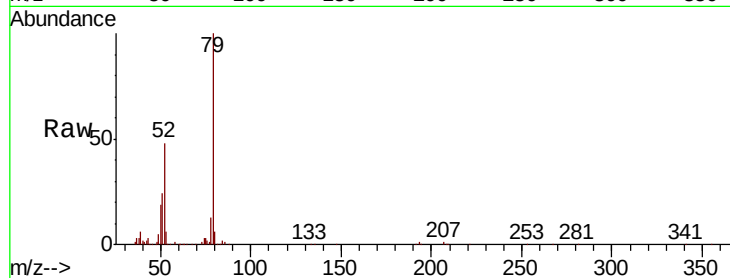
Tgt Ion: 79 Resp: 468198

Ion Ratio Lower Upper

79 100

52 48.3 37.6 56.4

51 24.0 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)

300000

250000

200000

150000

100000

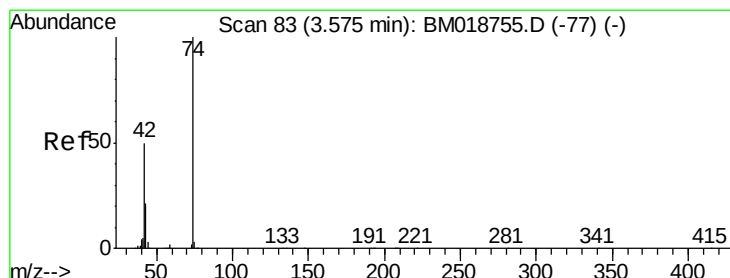
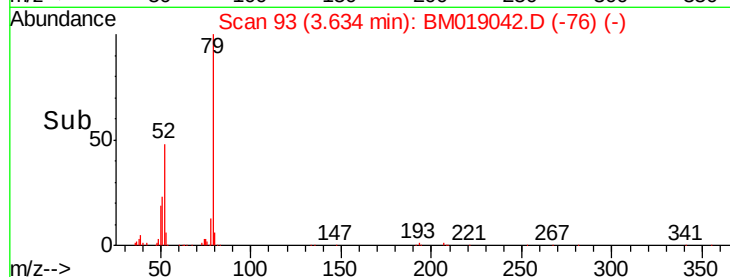
50000

0

3.63

3.50 3.60 3.70 3.80 3.90

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.106 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

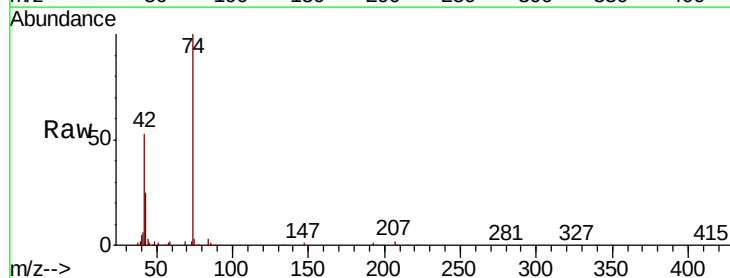
Tgt Ion: 42 Resp: 184219

Ion Ratio Lower Upper

42 100

74 188.8 158.1 237.1

44 6.2 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

250000

200000

150000

100000

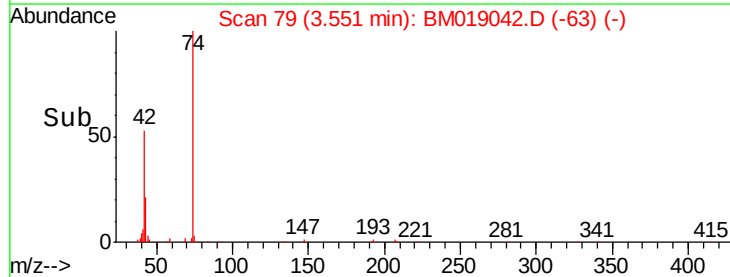
50000

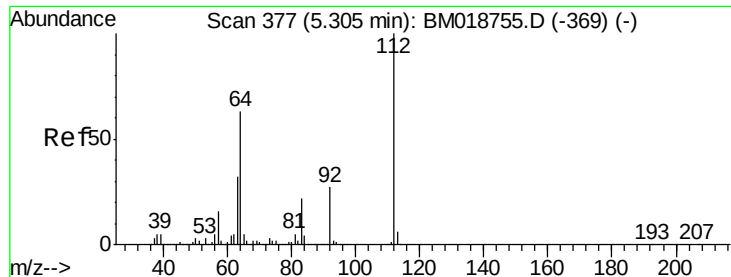
0

3.55

3.50 3.60 3.70

Time-->





#5

2-Fluorophenol

Concen: 124.645 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019042.D

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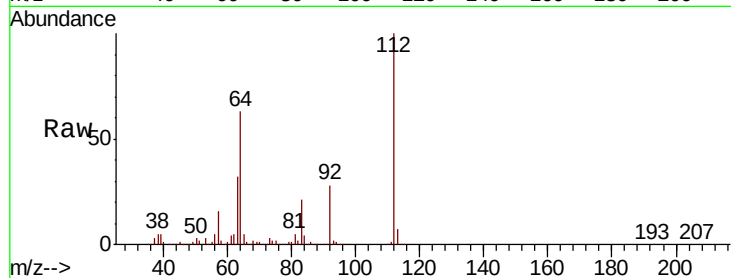
Tgt Ion: 112 Resp: 1942753

Ion Ratio Lower Upper

112 100

64 63.2 50.6 75.8

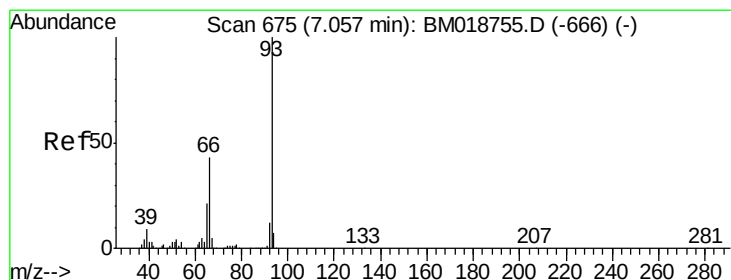
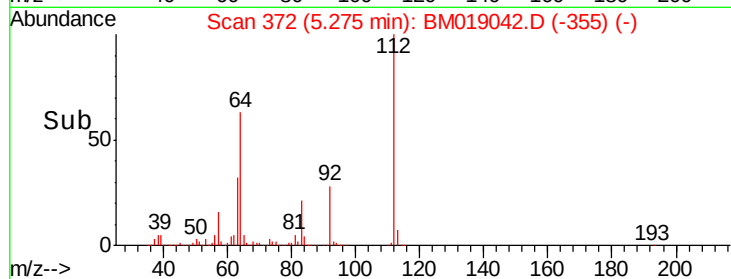
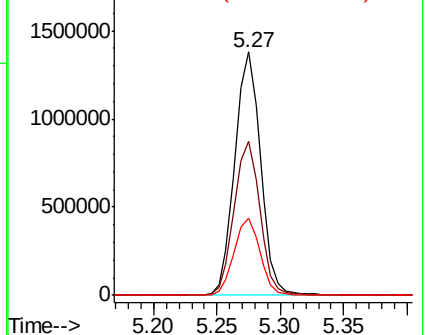
63 31.7 25.7 38.5



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: 15.117 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

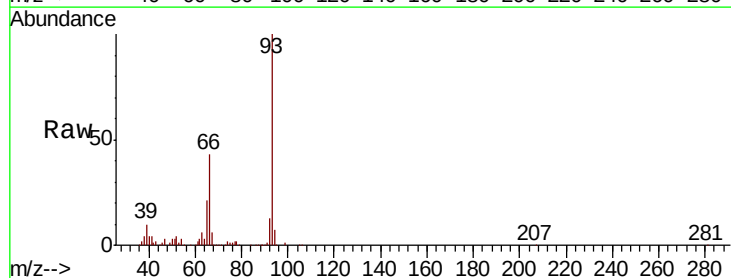
Tgt Ion: 93 Resp: 406693

Ion Ratio Lower Upper

93 100

66 42.9 34.1 51.1

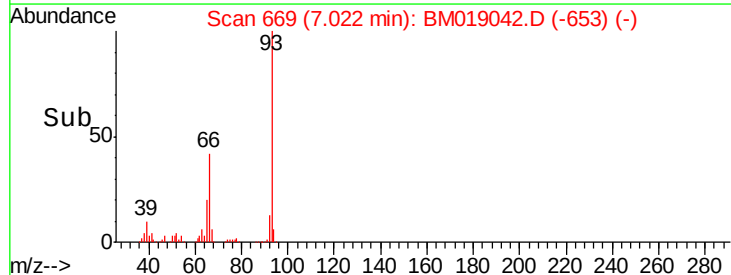
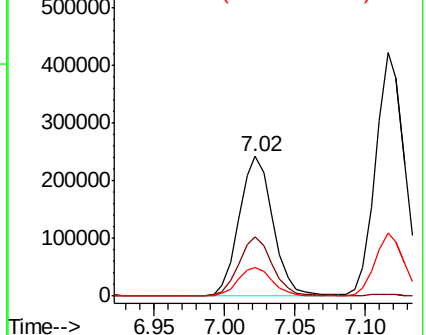
65 20.9 16.6 24.8

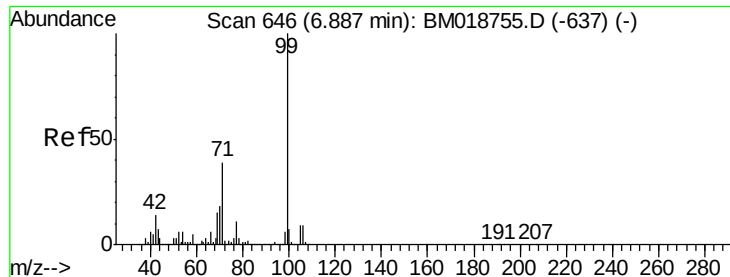


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 121.230 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019042.D

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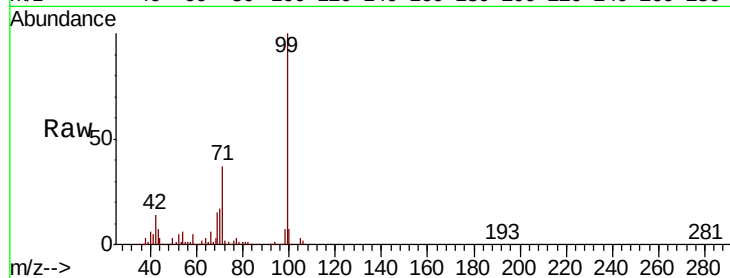
Tgt Ion: 99 Resp: 2661894

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

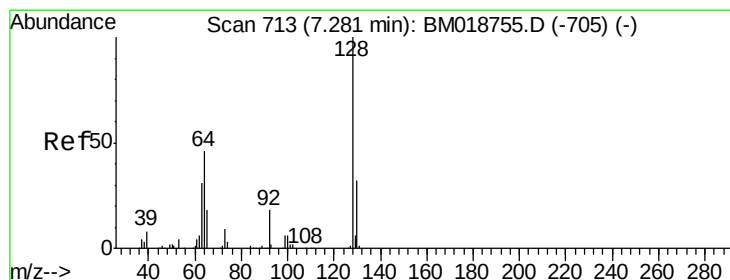
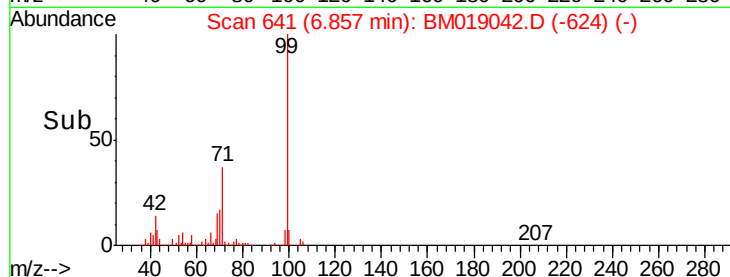
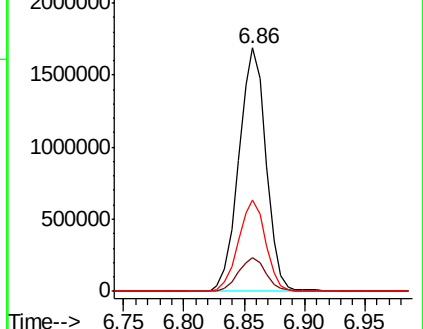
71 37.5 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 36.203 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

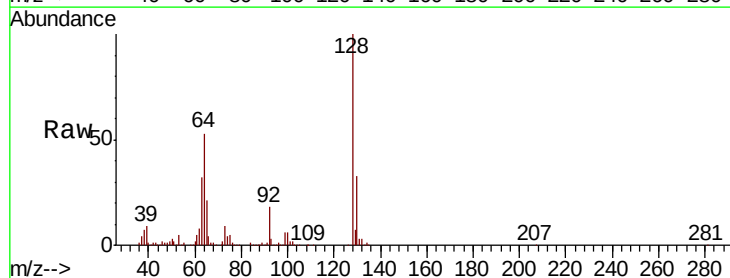
Tgt Ion: 128 Resp: 619523

Ion Ratio Lower Upper

128 100

130 32.8 11.7 51.7

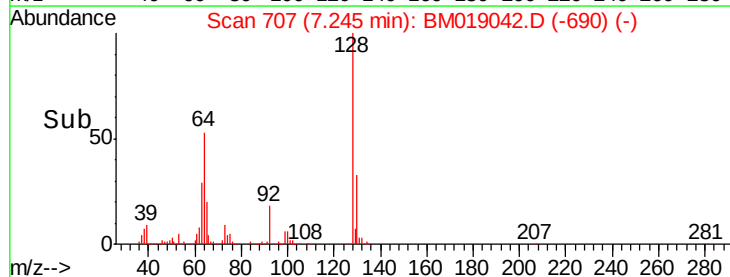
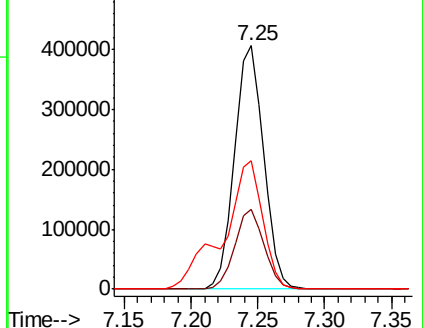
64 52.6 31.0 71.0

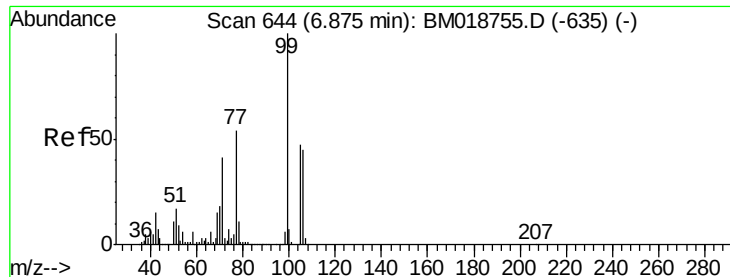


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 36.167 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

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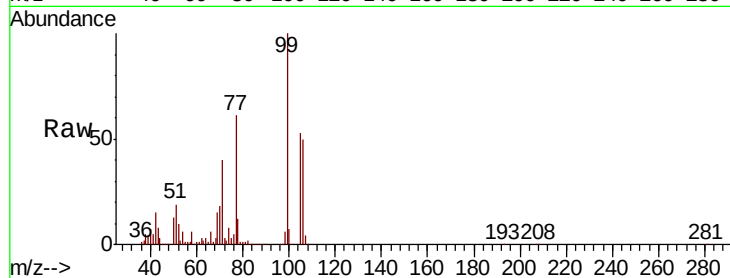
Tgt Ion: 77 Resp: 445281

Ion Ratio Lower Upper

77 100

105 87.2 67.3 107.3

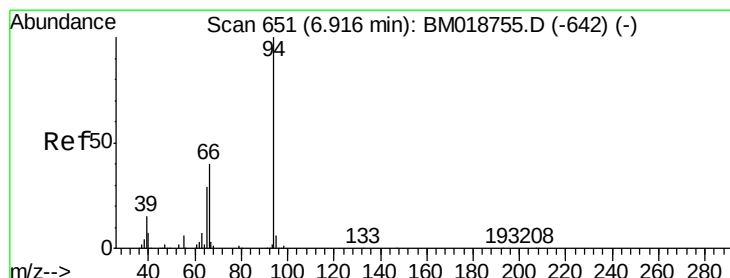
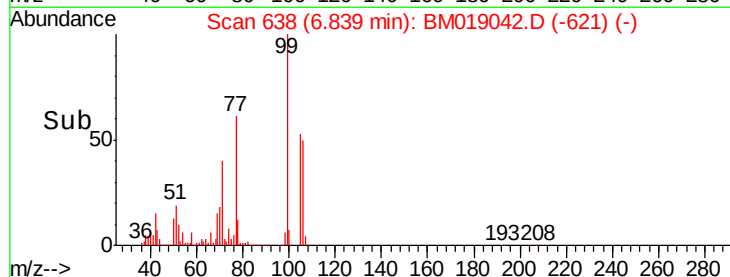
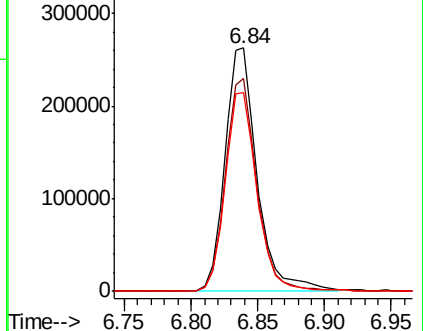
106 81.4 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM019042.D (-621) (-)

Ion 105.00 (104.70 to 105.70): BM019042.D (-621) (-)

Ion 106.00 (105.70 to 106.70): BM019042.D (-621) (-)



#10

Phenol

Concen: 39.755 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

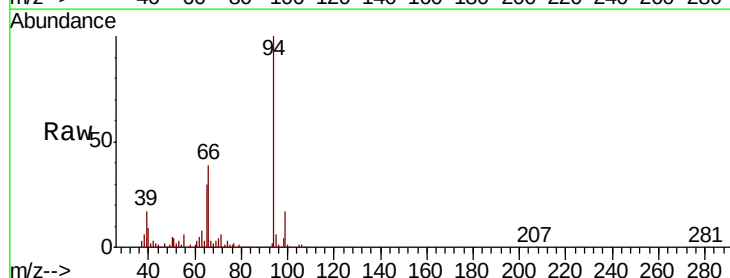
Tgt Ion: 94 Resp: 918473

Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

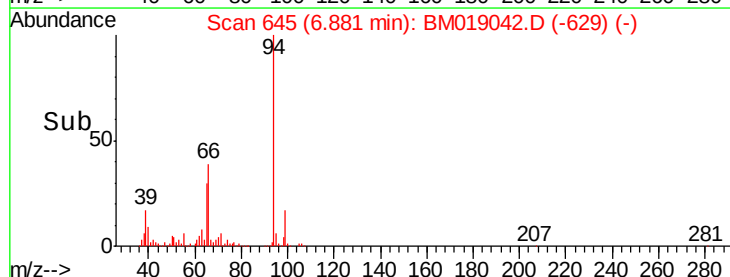
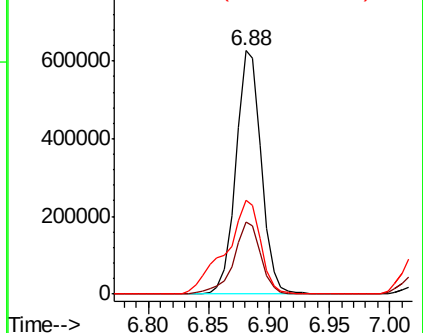
66 38.8 20.4 60.4

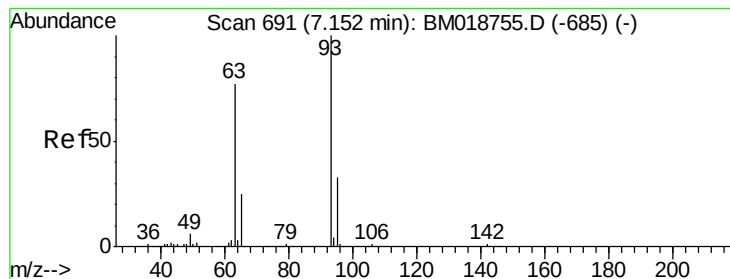


Abundance Ion 94.00 (93.70 to 94.70): BM019042.D (-629) (-)

Ion 65.00 (64.70 to 65.70): BM019042.D (-629) (-)

Ion 66.00 (65.70 to 66.70): BM019042.D (-629) (-)





#11

bis(2-Chloroethyl)ether

Concen: 34.164 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

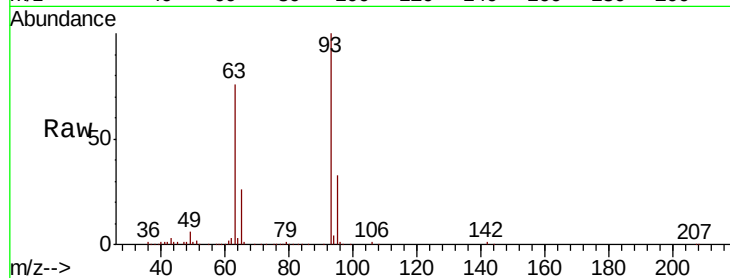
Tgt Ion: 93 Resp: 602099

Ion Ratio Lower Upper

93 100

63 75.8 57.0 97.0

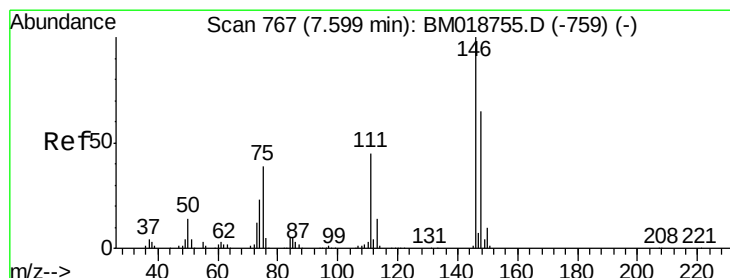
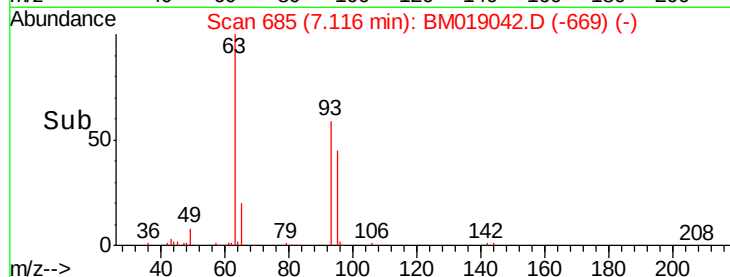
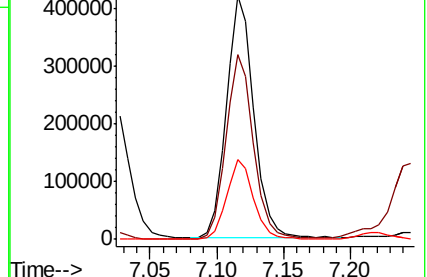
95 33.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BM018755.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018755.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 34.281 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

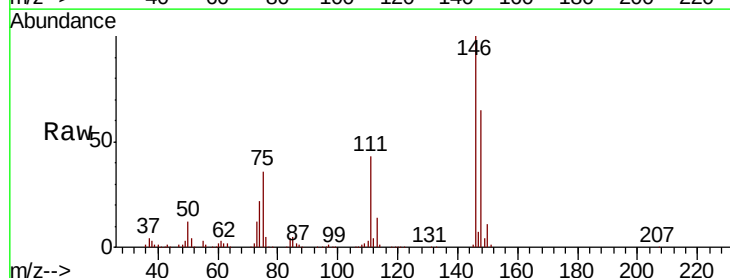
Tgt Ion: 146 Resp: 659632

Ion Ratio Lower Upper

146 100

148 64.9 51.7 77.5

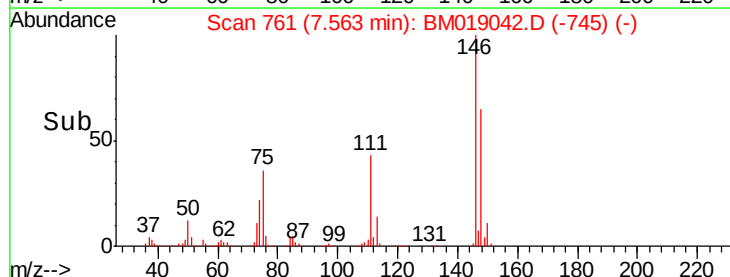
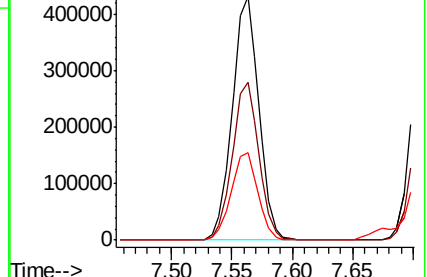
75 36.0 31.3 46.9

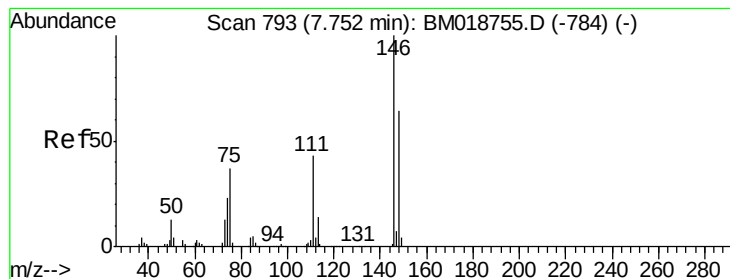


Abundance Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM018755.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM018755.D (-759) (-)





#13

1,4-Dichlorobenzene

Concen: 34.299 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

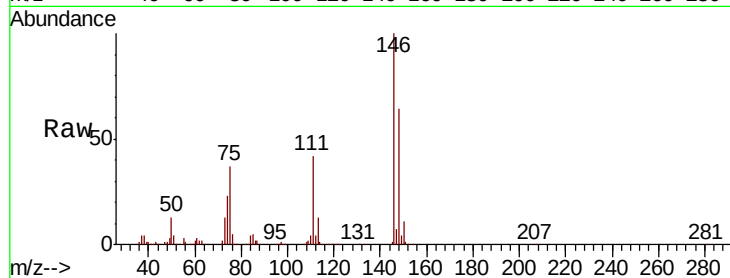
Tgt Ion:146 Resp: 671896

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

111 42.0 34.6 52.0

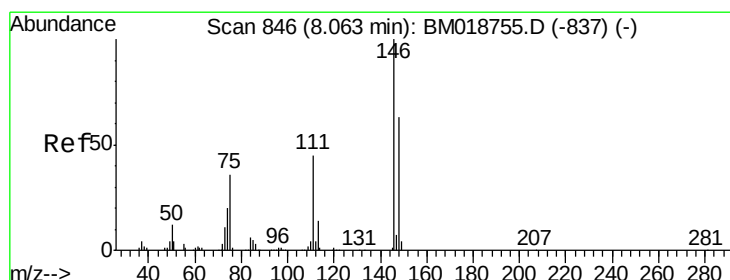
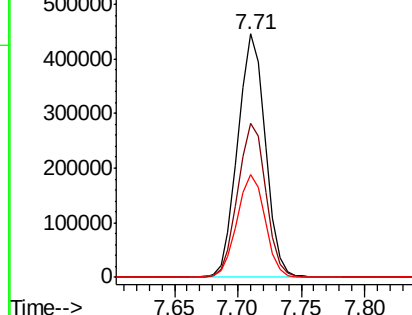
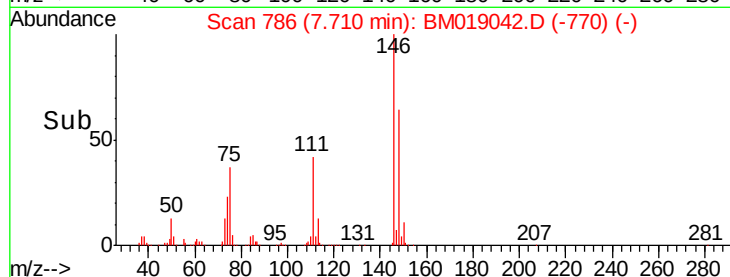


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.059 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

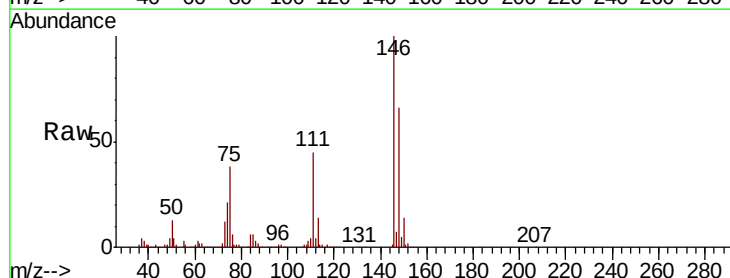
Tgt Ion:146 Resp: 640880

Ion Ratio Lower Upper

146 100

148 65.7 50.7 76.1

111 45.0 35.9 53.9

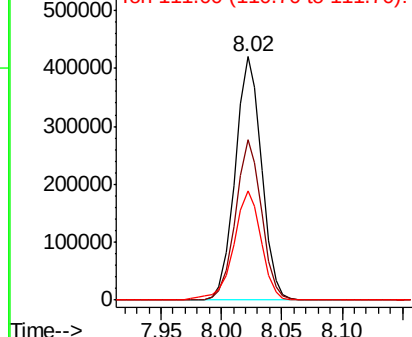
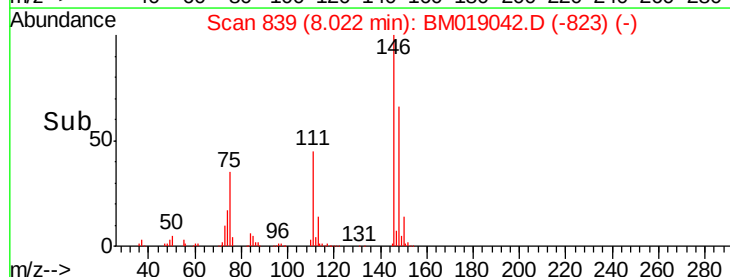


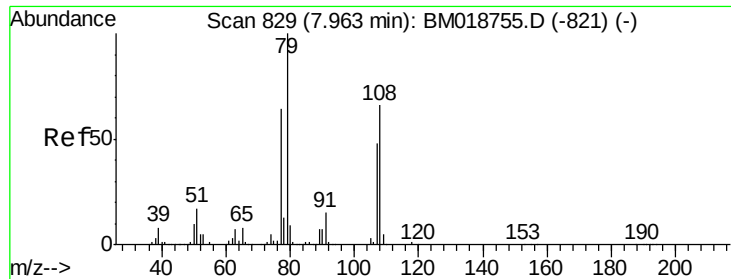
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.068 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

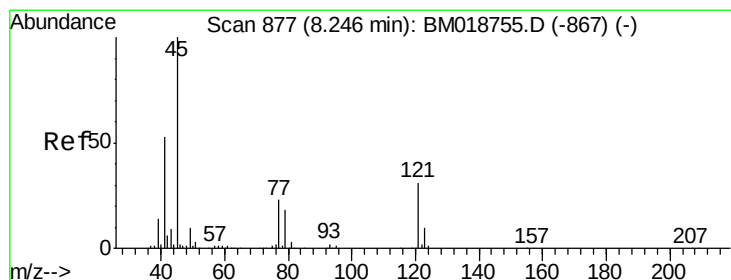
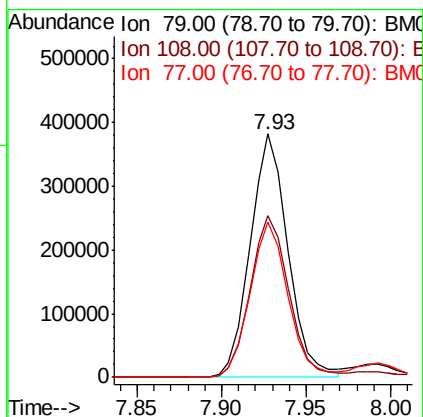
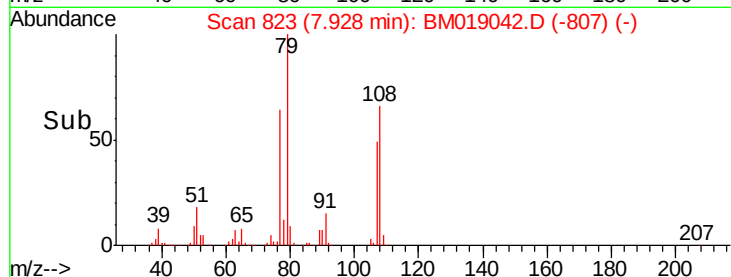
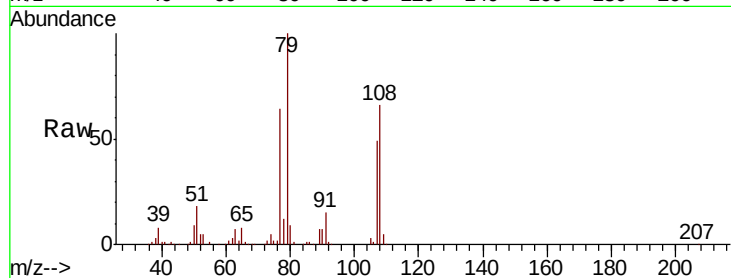
Tgt Ion: 79 Resp: 594387

Ion Ratio Lower Upper

79 100

108 66.3 52.7 79.1

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.585 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

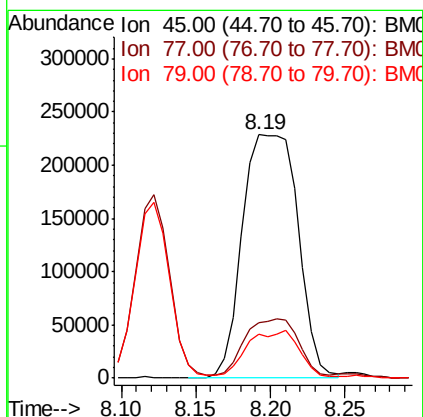
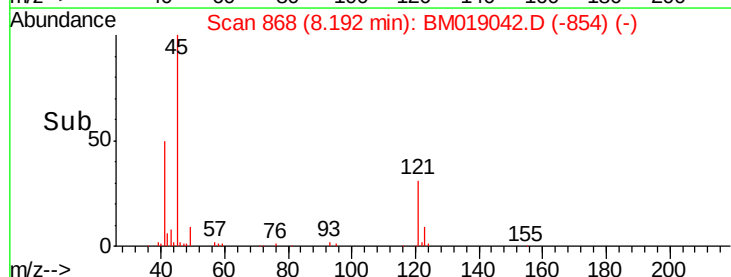
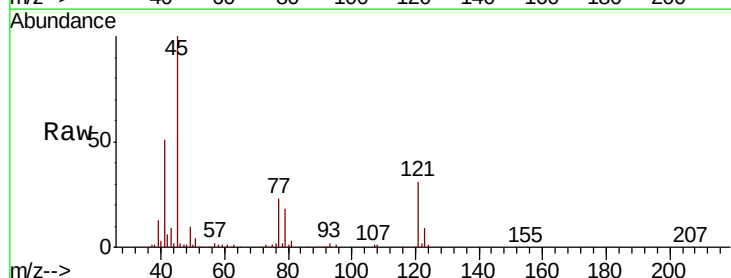
Tgt Ion: 45 Resp: 589932

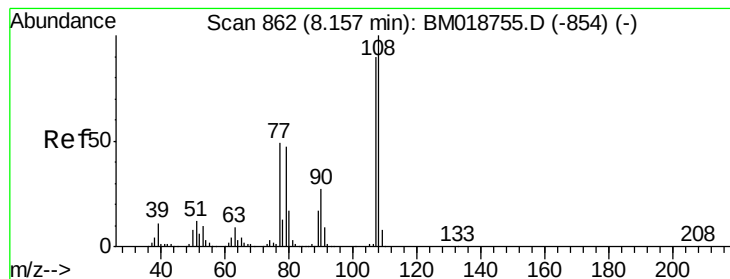
Ion Ratio Lower Upper

45 100

77 22.8 5.0 45.0

79 17.8 0.0 39.3





#17

2-Methylphenol

Concen: 35.590 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tgt Ion:107 Resp: 523343

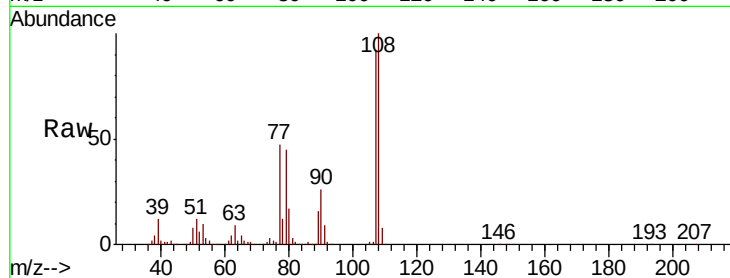
Ion Ratio Lower Upper

107 100

108 108.2 88.8 133.2

77 50.8 44.0 66.0

79 48.7 42.4 63.6



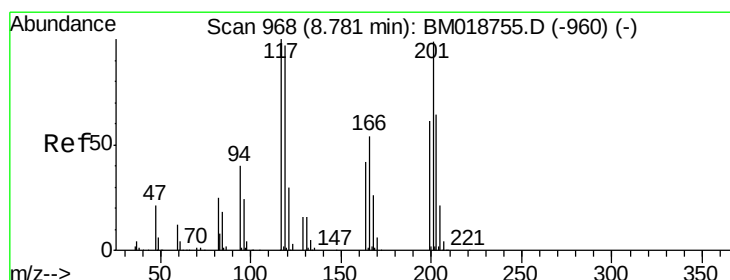
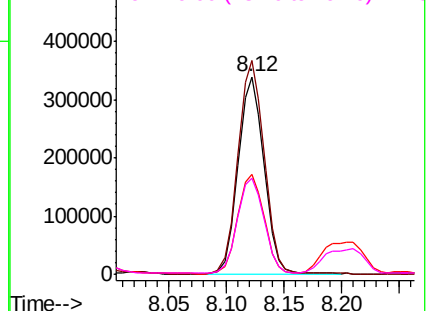
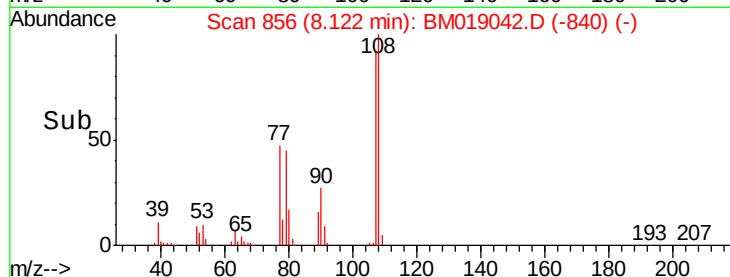
Abundance

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: 34.218 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

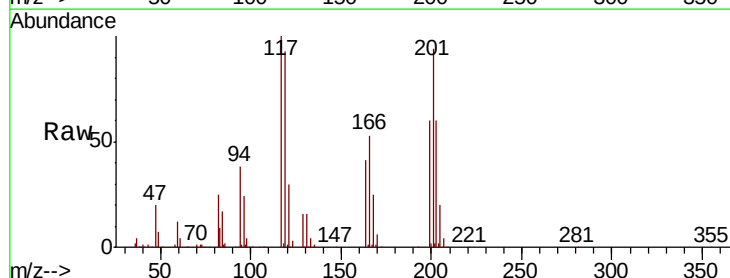
Tgt Ion:117 Resp: 244691

Ion Ratio Lower Upper

117 100

119 92.7 77.9 116.9

201 93.5 79.2 118.8

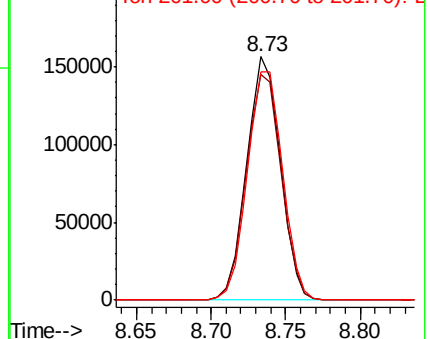
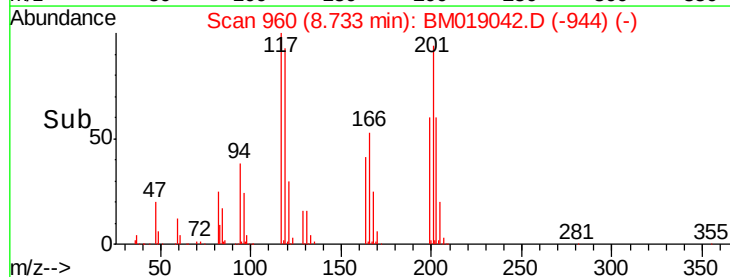


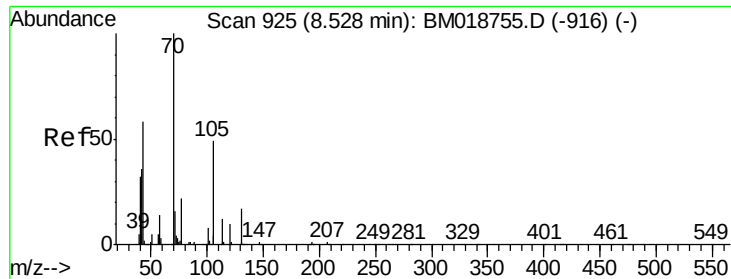
Abundance

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

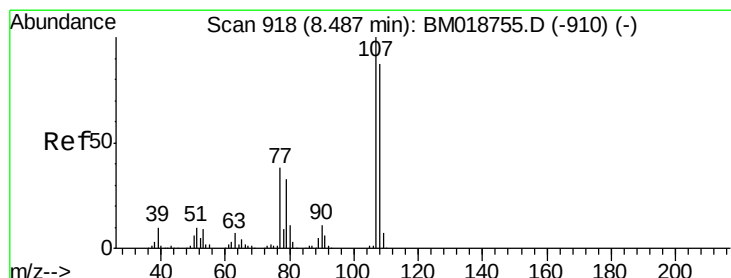
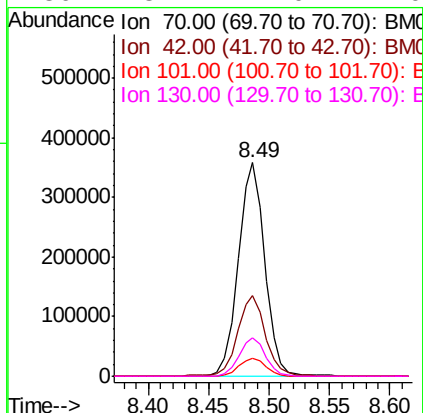
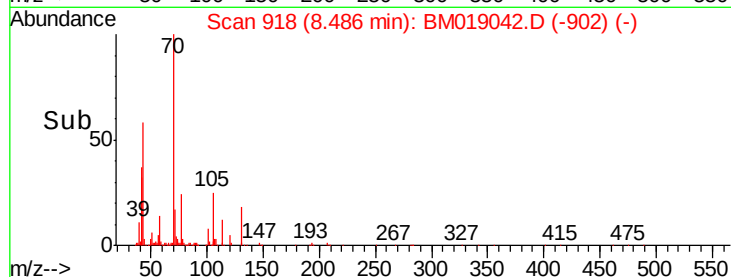
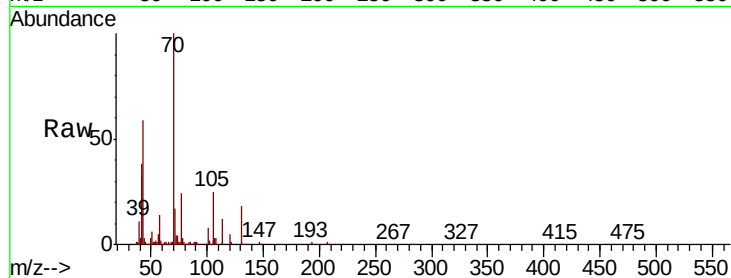




#19
n-Nitroso-di-n-propylamine
Concen: 32.178 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

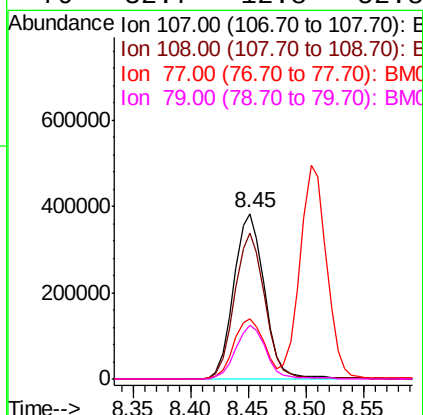
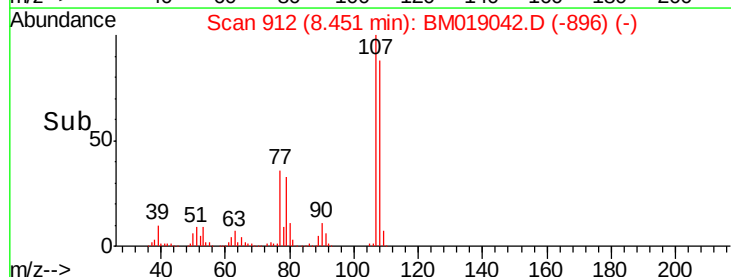
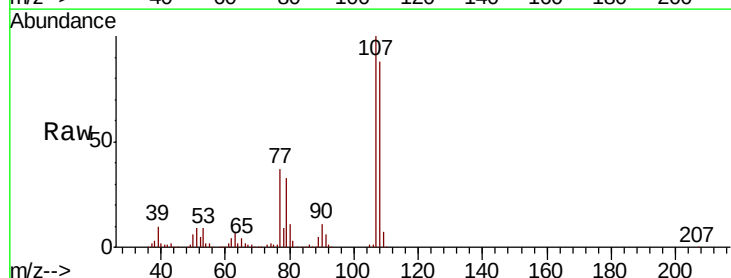
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

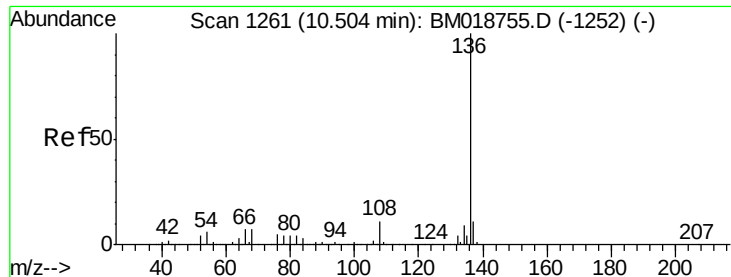
Tgt Ion:	70	Resp:	547052
Ion	Ratio	Lower	Upper
70	100		
42	37.5	29.4	44.0
101	8.4	6.7	10.1
130	18.2	14.0	21.0



#20
3+4-Methylphenols
Concen: 34.950 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:	107	Resp:	709655
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.3	107.3
77	36.6	18.0	58.0
79	32.7	12.8	52.8

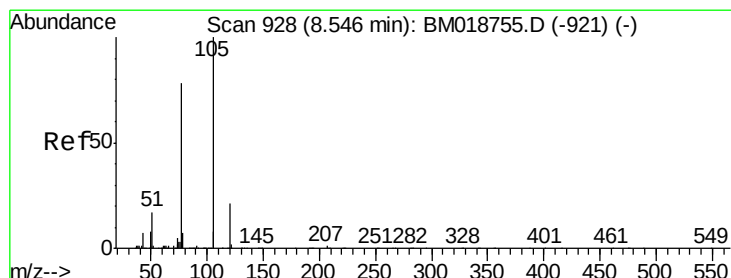
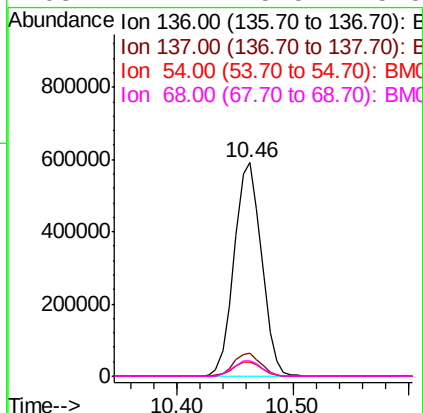
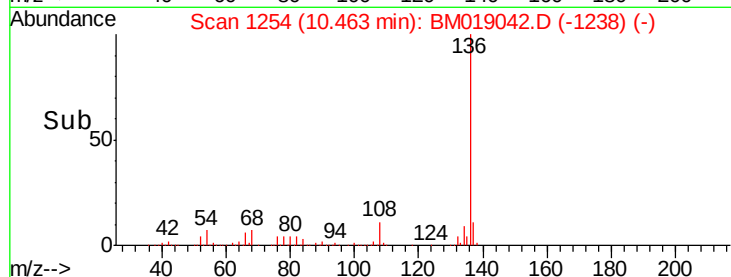
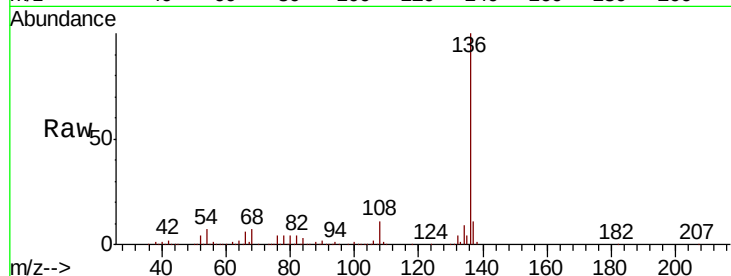




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

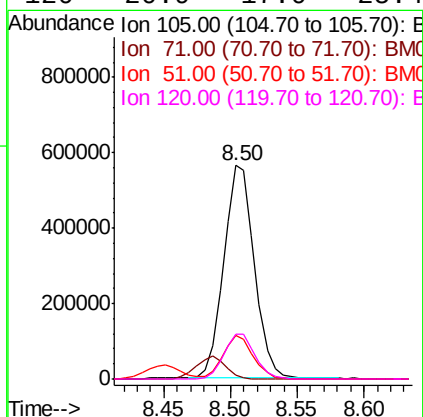
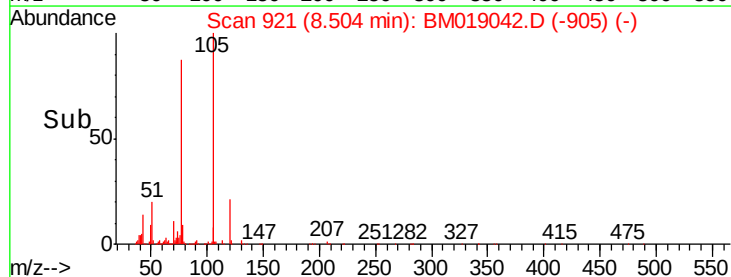
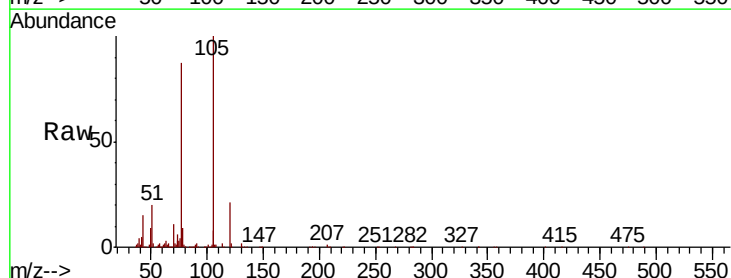
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

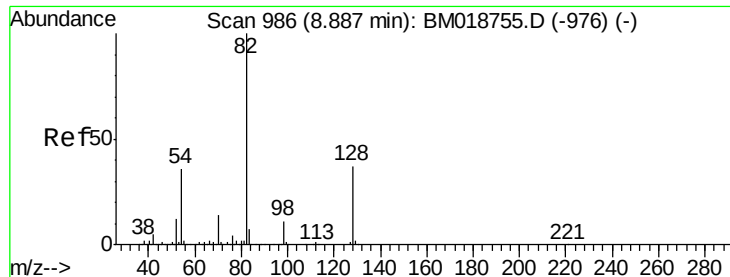
Tgt Ion:	136	Resp:	974514
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.1	5.5	8.3



#22
Acetophenone
Concen: 33.890 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:	105	Resp:	906964
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.1	1.7
51	20.4	15.5	23.3
120	20.9	17.0	25.4

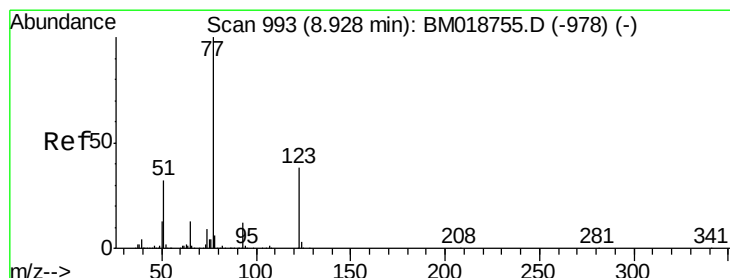
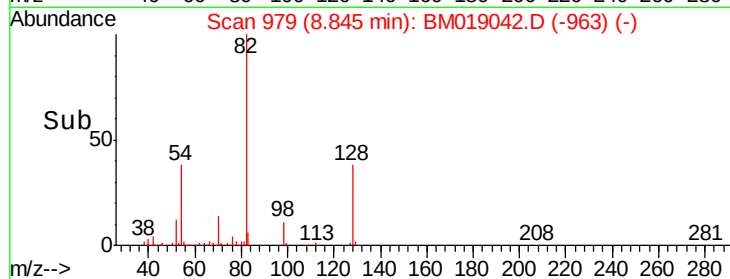
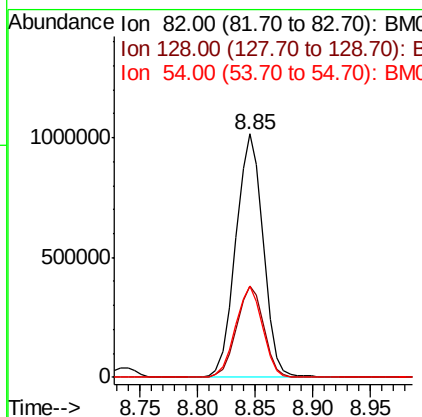
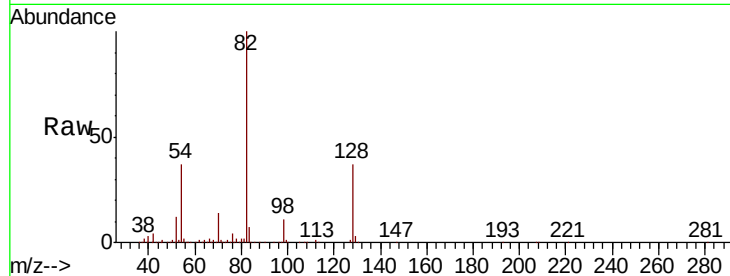




#23
 Nitrobenzene-d5
 Concen: 79.211 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

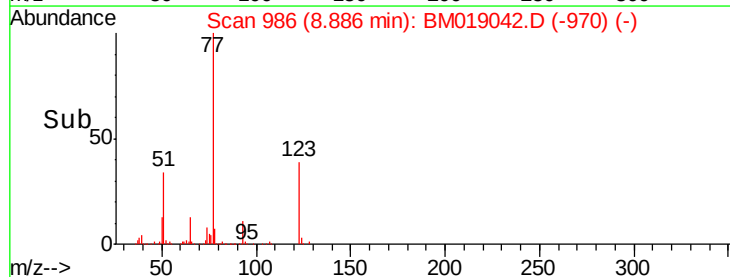
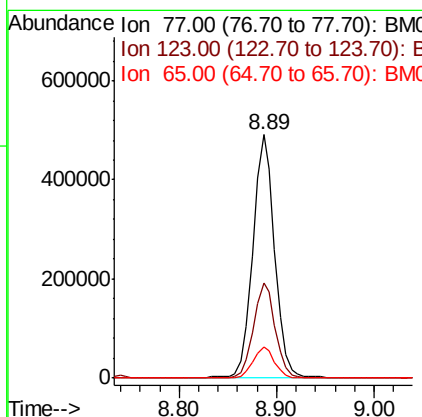
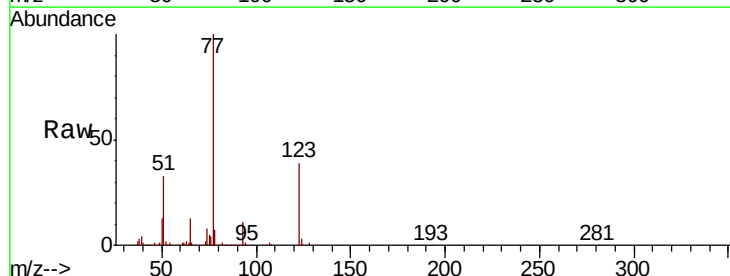
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

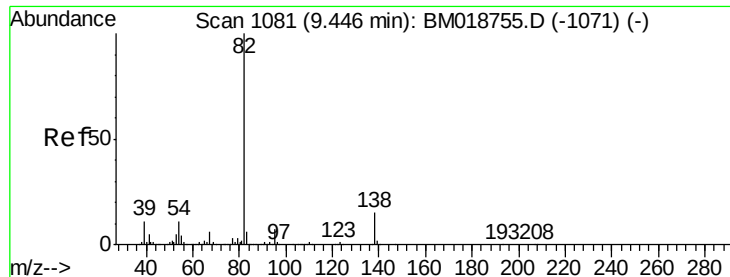
Tgt Ion: 82 Resp: 1669426
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.9 44.9
 54 37.3 29.1 43.7



#24
 Nitrobenzene
 Concen: 35.298 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion: 77 Resp: 772203
 Ion Ratio Lower Upper
 77 100
 123 39.0 30.7 46.1
 65 12.8 10.5 15.7

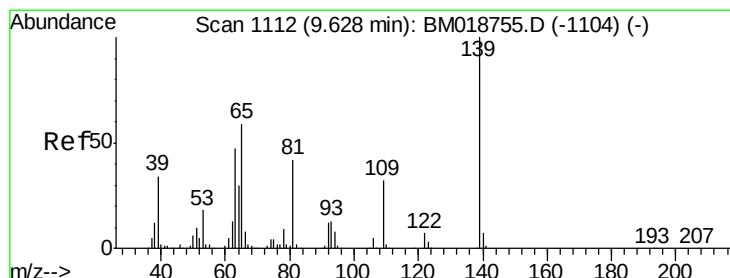
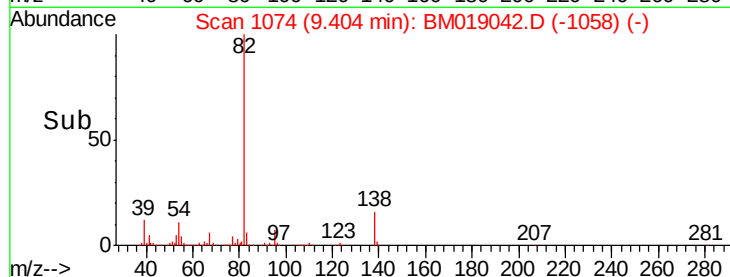
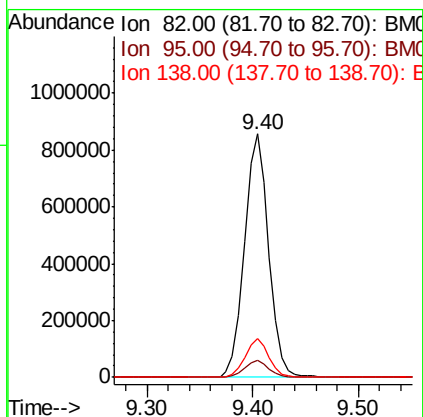
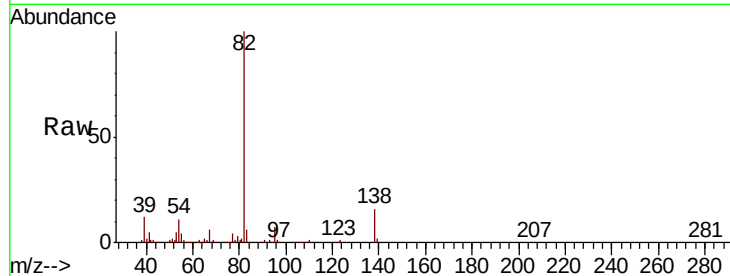




#25
Isophorone
Concen: 40.333 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

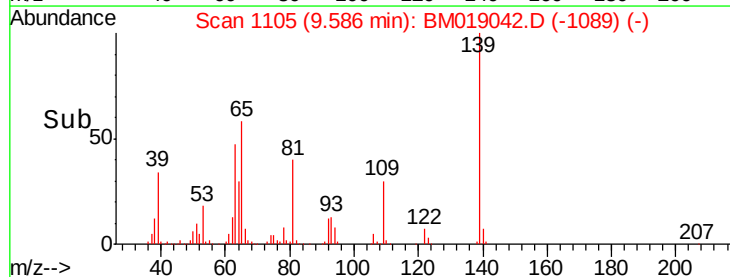
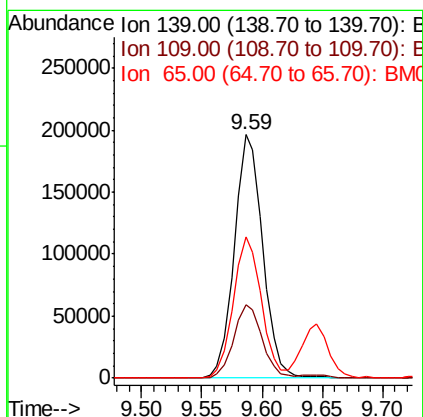
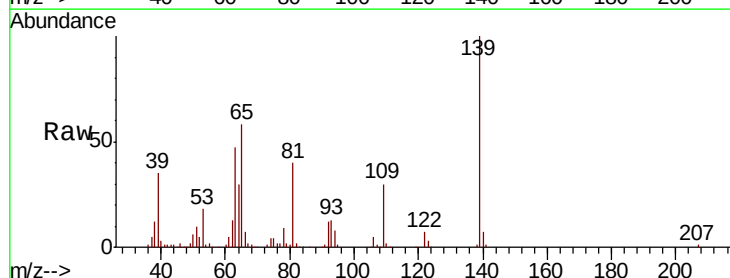
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

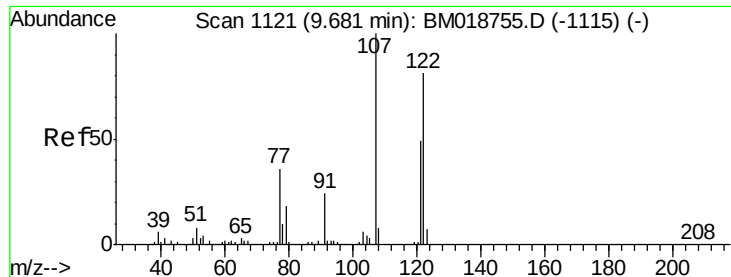
Tgt Ion: 82 Resp: 1356341
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.7 12.3 18.5



#26
2-Nitrophenol
Concen: 37.100 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion: 139 Resp: 323215
Ion Ratio Lower Upper
139 100
109 30.3 25.2 37.8
65 58.1 47.0 70.4

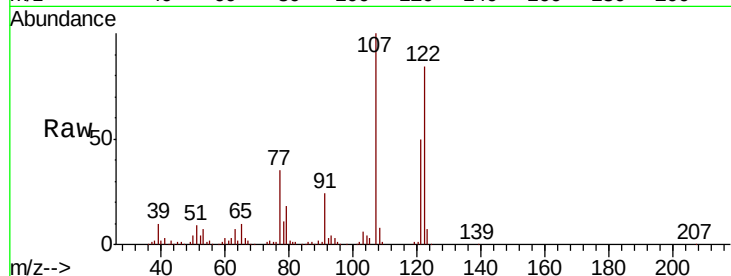




#27
2,4-Dimethylphenol
Concen: 43.319 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	97.6	146.4
121	59.7	47.9	71.9

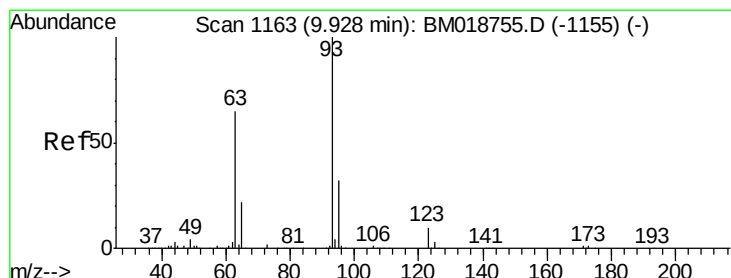
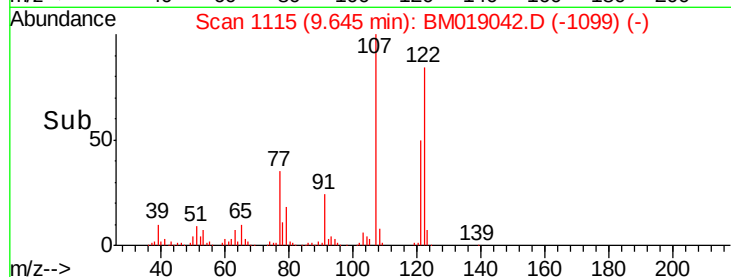
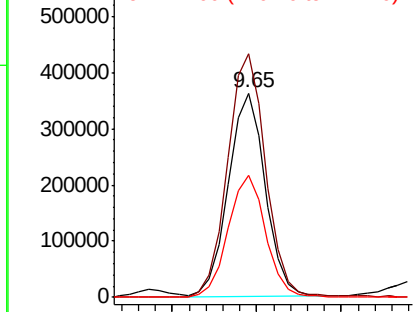


Abundance

Ion 122.00 (121.70 to 122.70): E

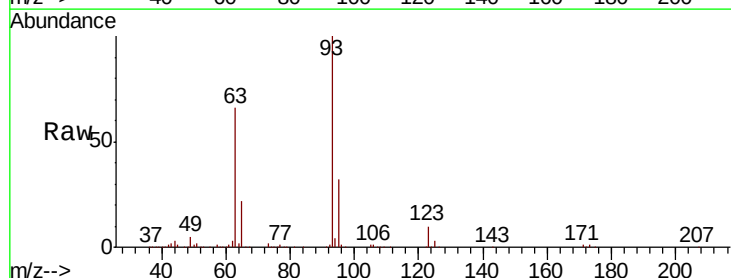
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.233 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.0	8.2	12.4

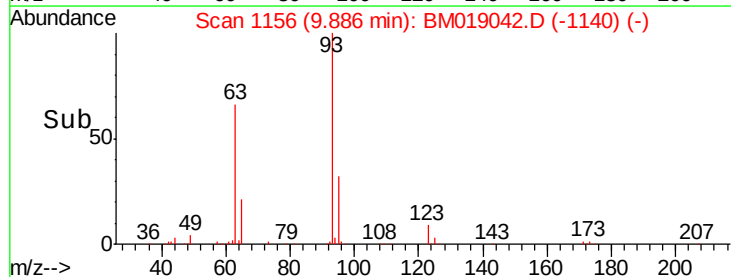
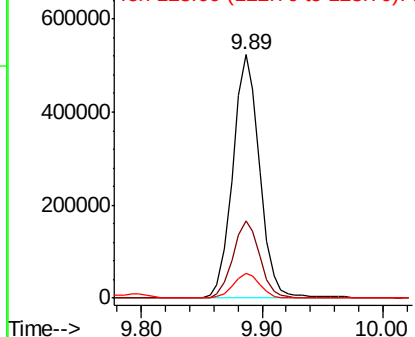


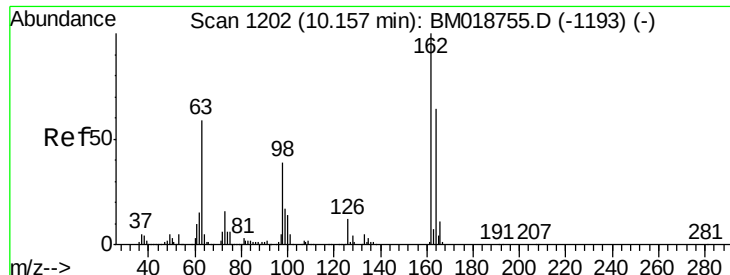
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

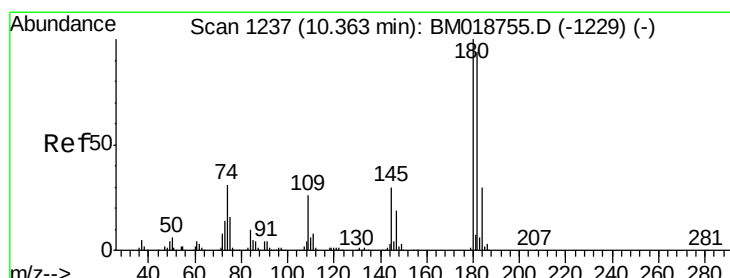
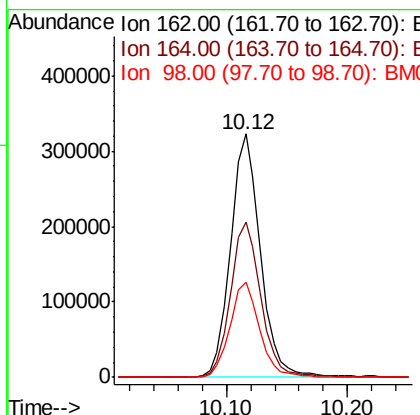
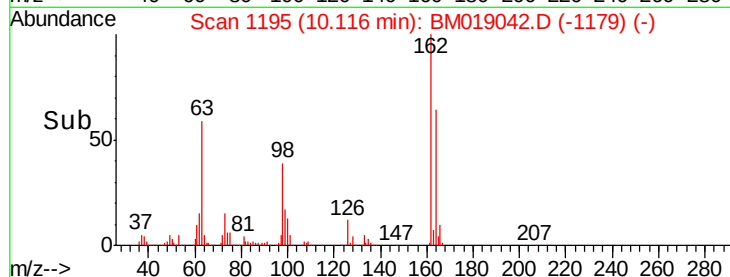
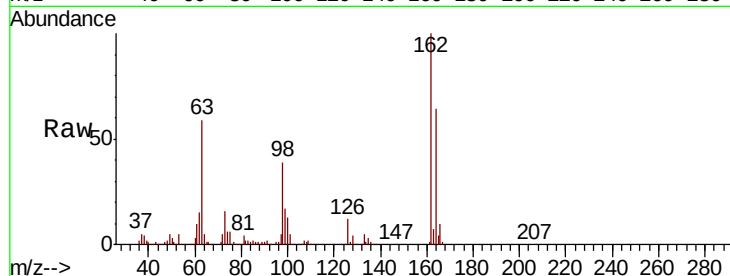




#29
2,4-Dichlorophenol
Concen: 38.027 ng
RT: 10.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

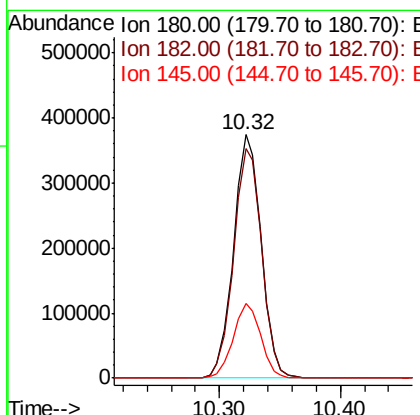
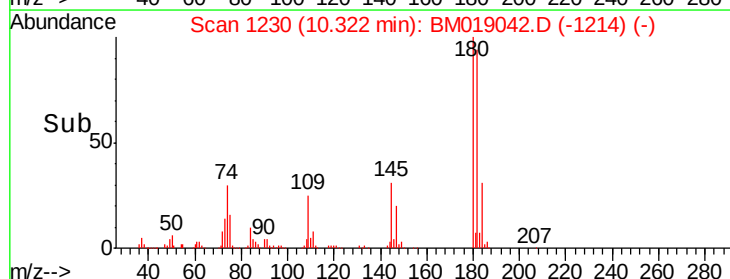
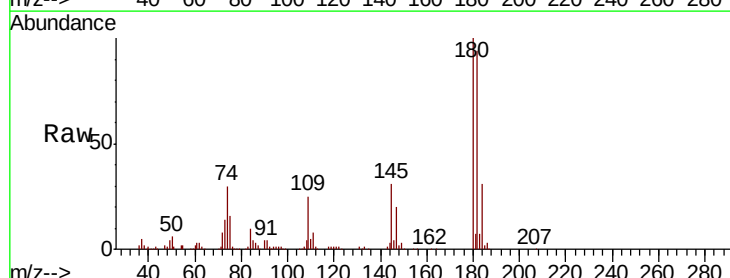
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

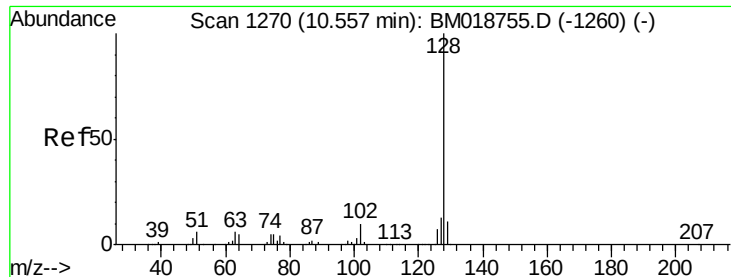
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.1	84.1
98	38.9	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 35.416 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.6
145	30.5	24.1	36.1

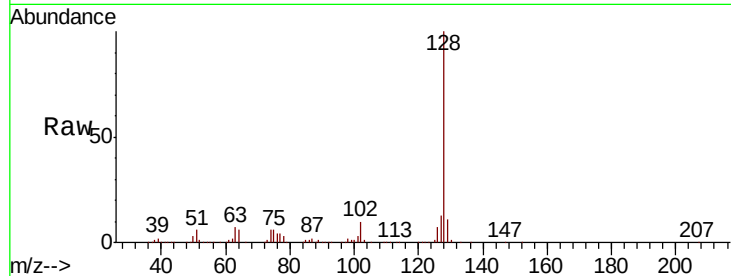




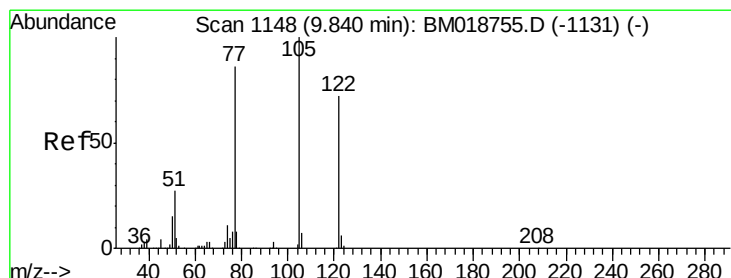
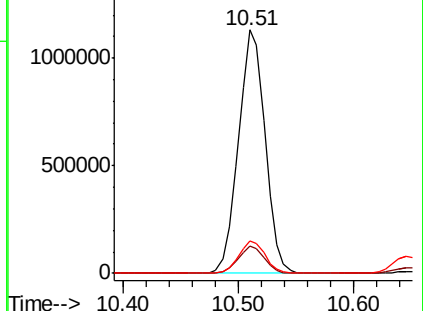
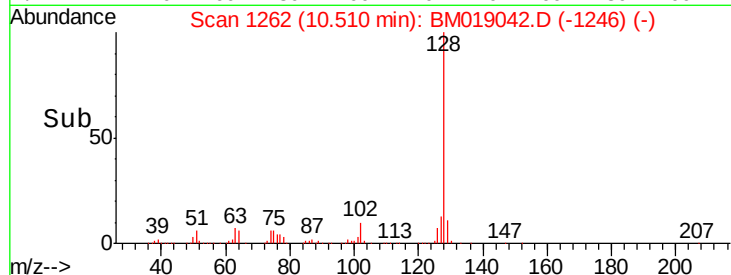
#31
Naphthalene
Concen: 38.060 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tgt Ion:128 Resp: 1808896
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.7 16.1

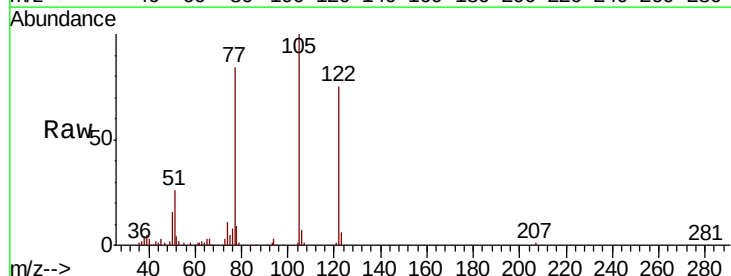


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

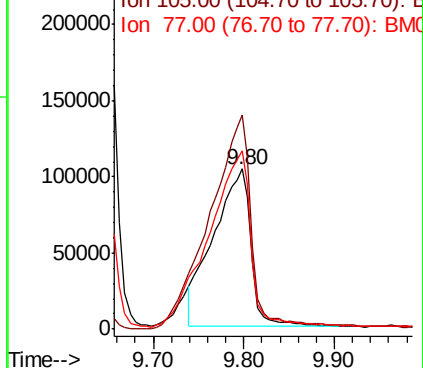
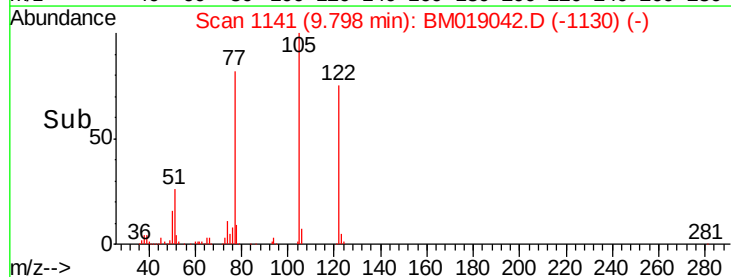


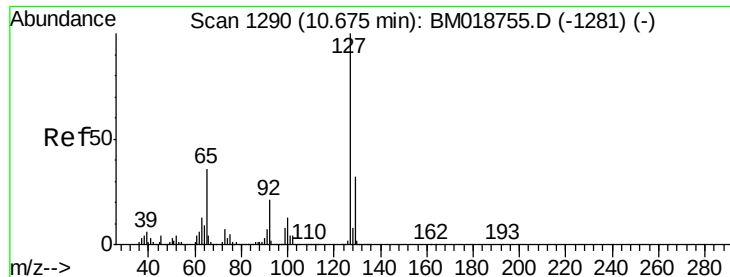
#32
Benzoic acid
Concen: 26.899 ng
RT: 9.80 min Scan# 1141
Delta R.T. -0.04 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:122 Resp: 298567
Ion Ratio Lower Upper
122 100
105 133.2 117.5 157.5
77 111.5 98.5 138.5



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

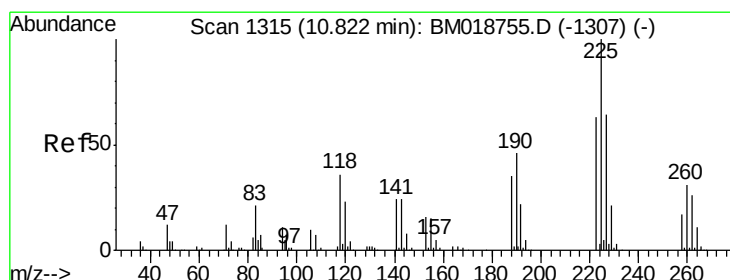
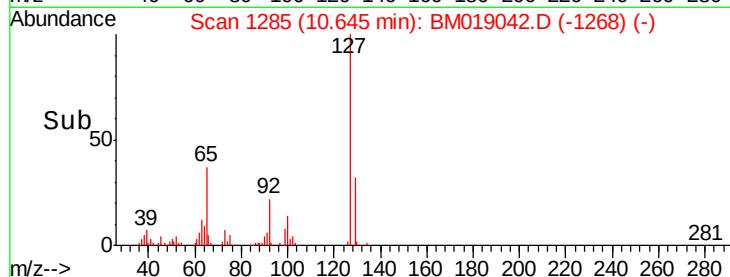
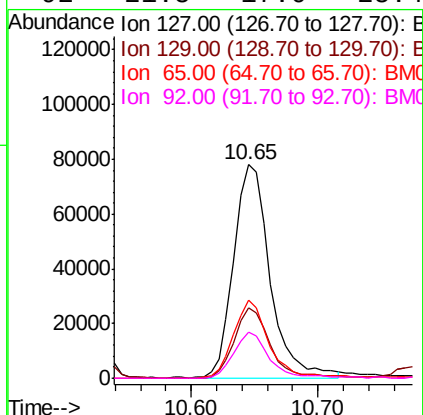
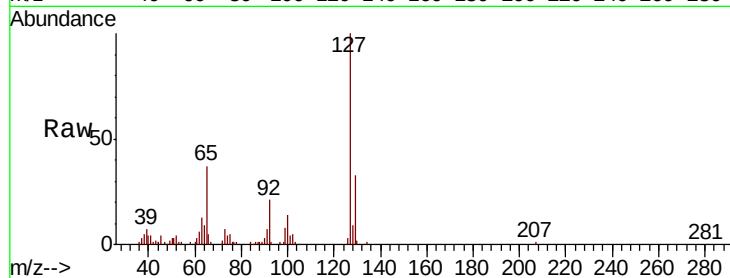




#33
4-Chloroaniline
Concen: 7.363 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

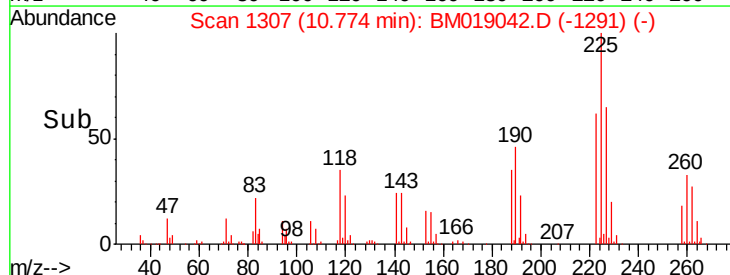
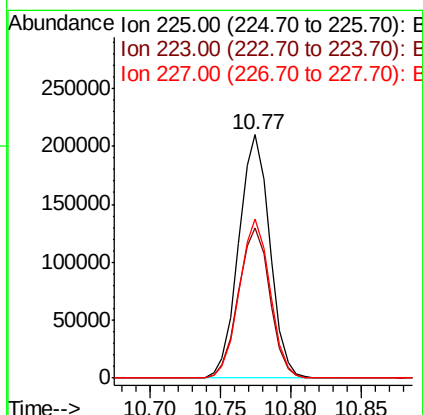
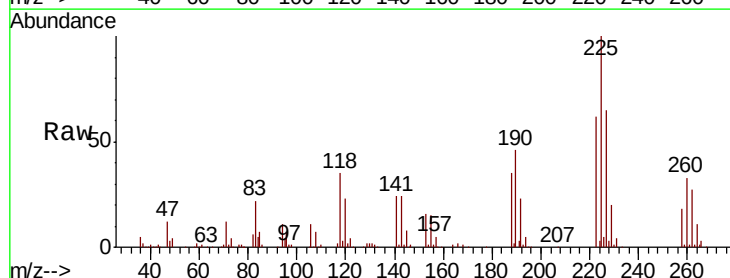
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

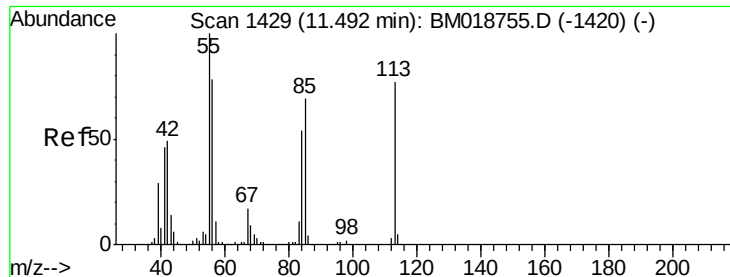
Tgt Ion:	127	Resp:	156441
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.7	38.5
65	36.6	28.7	43.1
92	21.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 33.112 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:	225	Resp:	324301
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.1	75.1
227	65.3	51.4	77.0

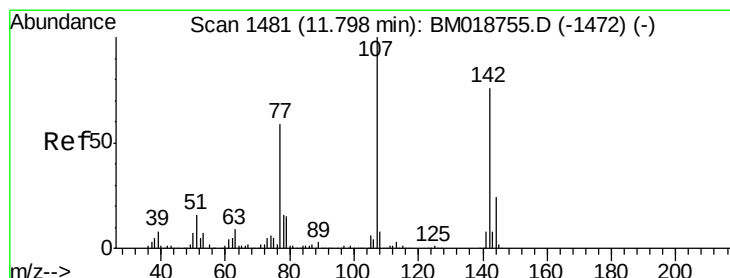
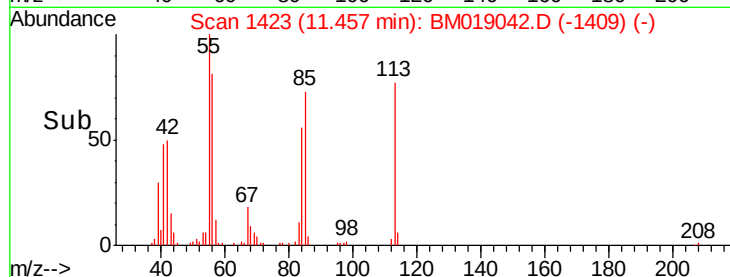
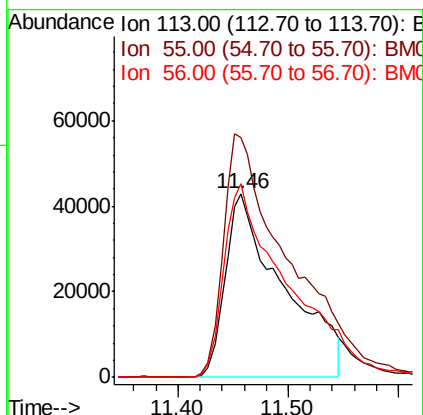
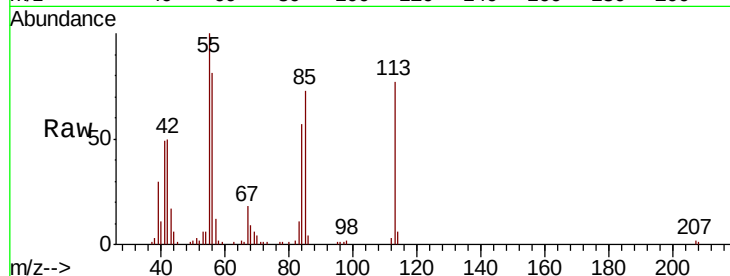




#35
 Caprolactam
 Concen: 26.459 ng
 RT: 11.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

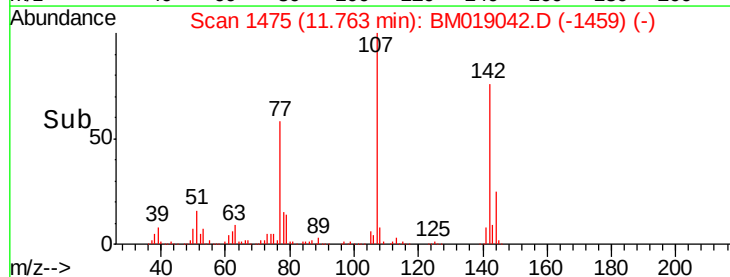
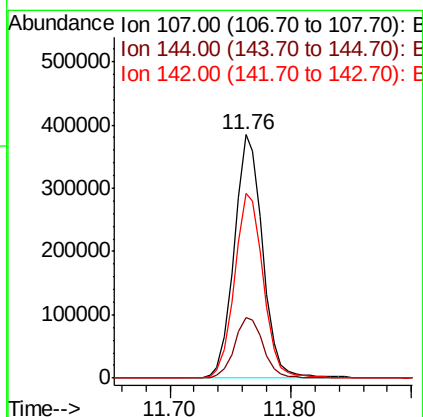
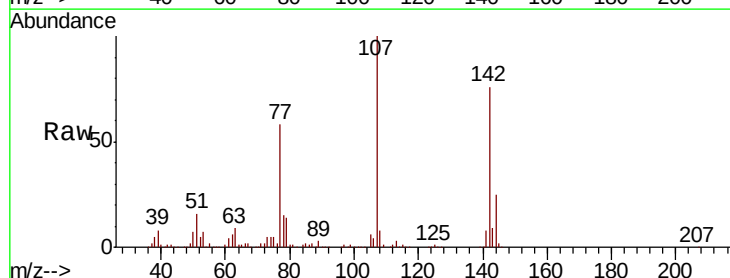
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

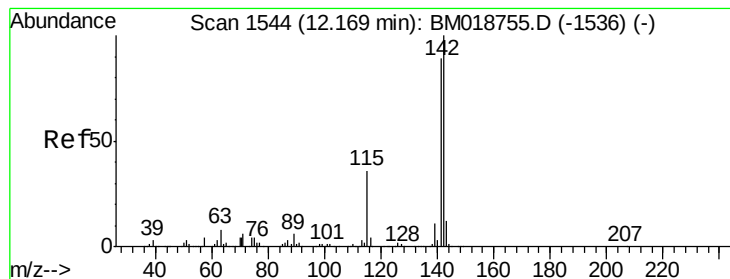
Tgt Ion:113 Resp: 157773
 Ion Ratio Lower Upper
 113 100
 55 130.4 110.7 150.7
 56 105.8 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 35.659 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:107 Resp: 628153
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 76.1 60.5 90.7





#37

2-Methylnaphthalene

Concen: 38.092 ng

RT: 12.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

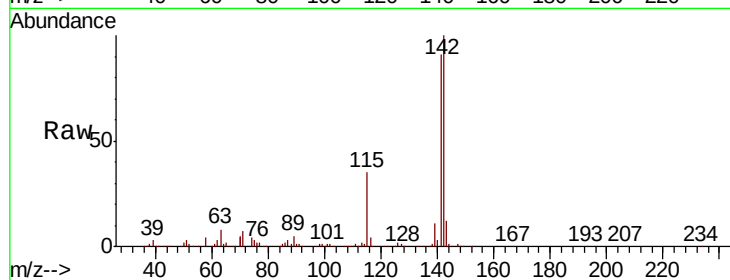
Tgt Ion:142 Resp: 1274643

Ion Ratio Lower Upper

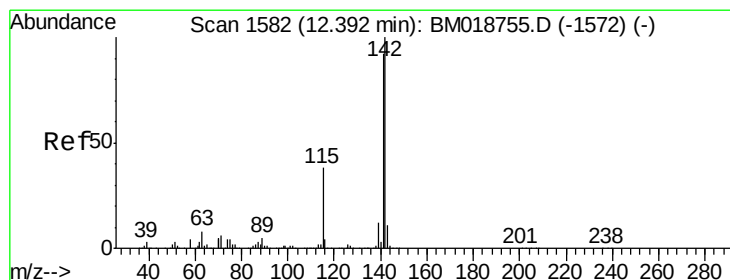
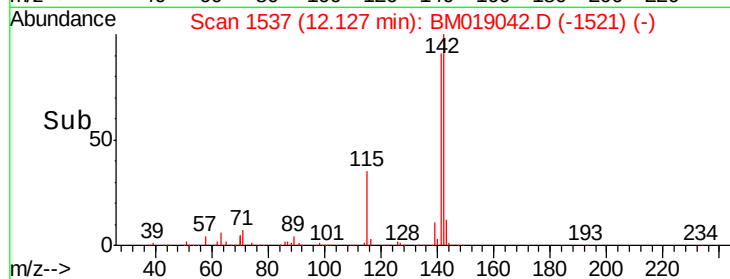
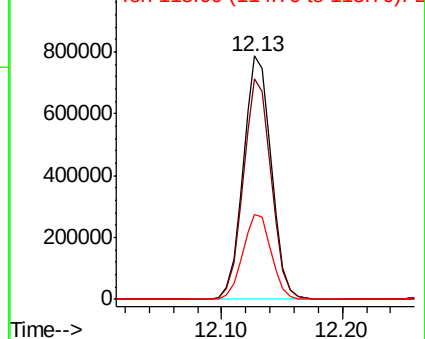
142 100

141 90.5 71.2 106.8

115 35.0 29.1 43.7



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: 37.448 ng

RT: 12.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

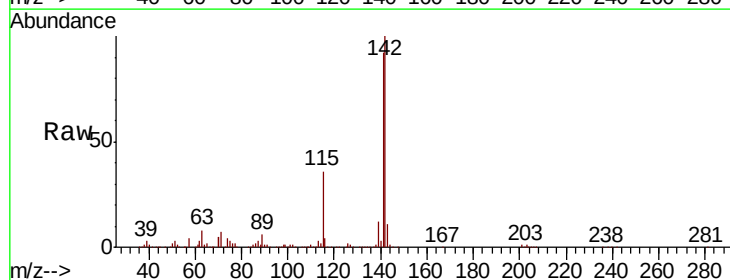
Tgt Ion:142 Resp: 1225366

Ion Ratio Lower Upper

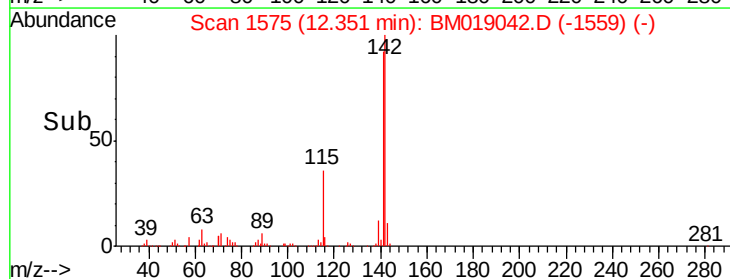
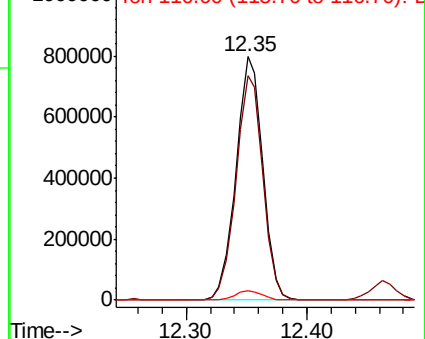
142 100

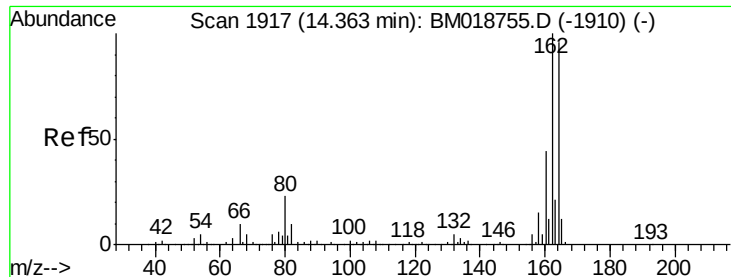
141 92.3 73.9 110.9

116 3.7 3.0 4.4



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: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

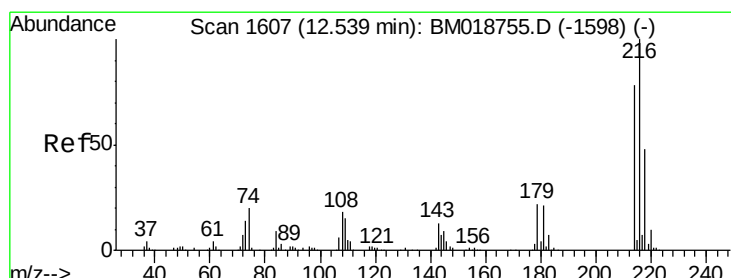
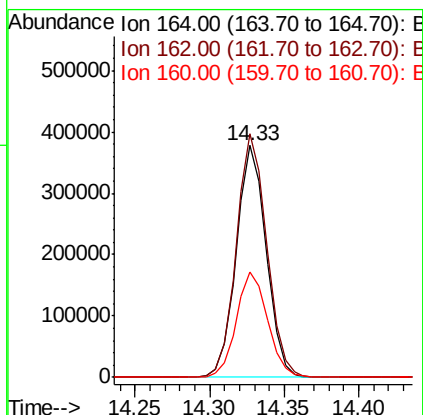
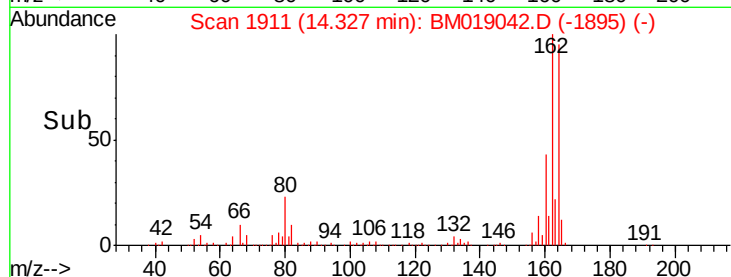
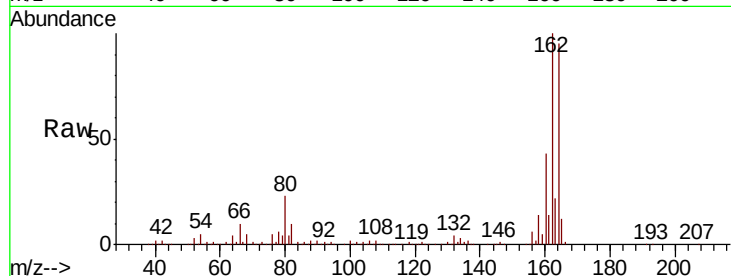
Tgt Ion:164 Resp: 526814

Ion Ratio Lower Upper

164 100

162 105.0 83.4 125.0

160 45.2 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.090 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Tgt Ion:216 Resp: 608199

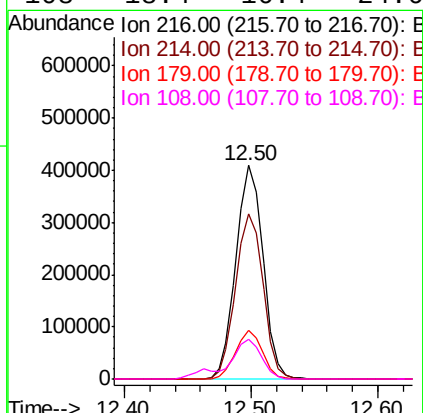
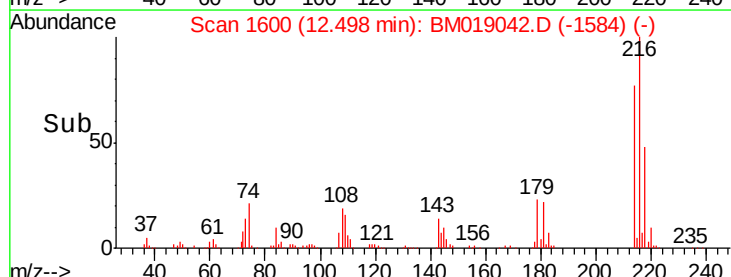
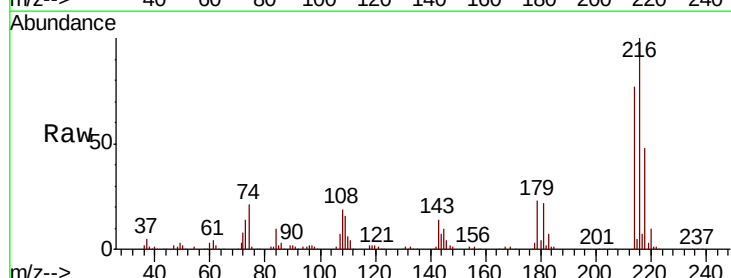
Ion Ratio Lower Upper

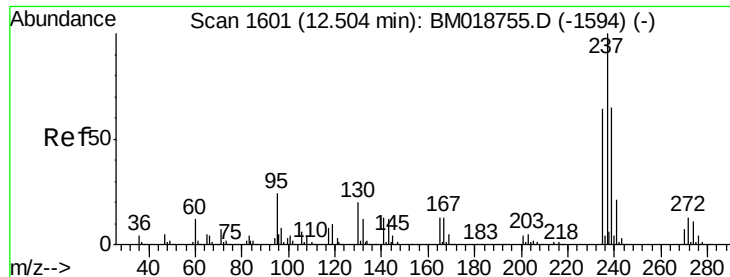
216 100

214 78.5 63.2 94.8

179 22.4 17.8 26.8

108 18.4 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 82.482 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

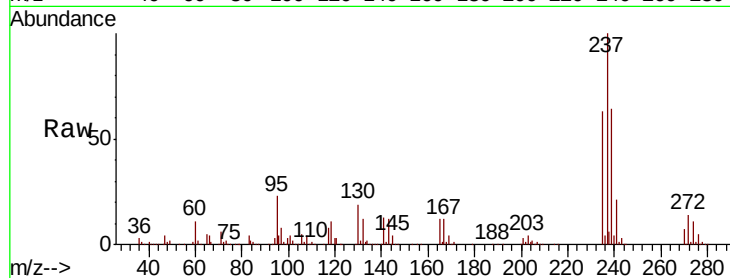
Tgt Ion:237 Resp: 710670

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

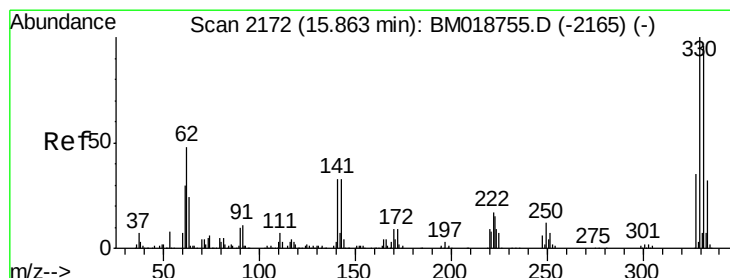
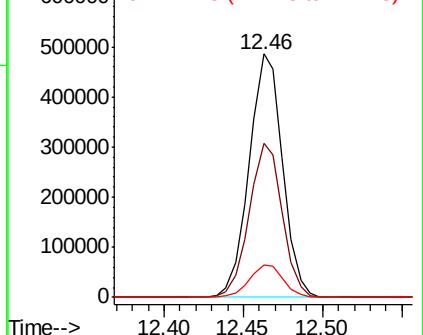
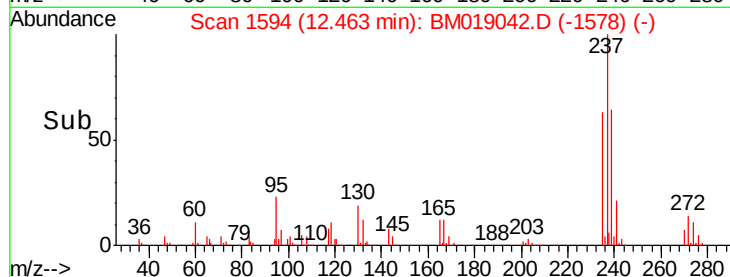
272 13.6 0.0 33.3



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: 121.889 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

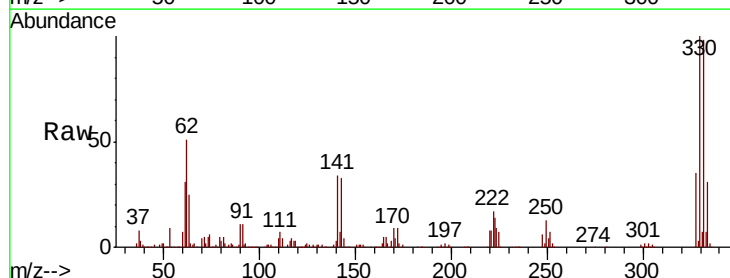
Tgt Ion:330 Resp: 925612

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

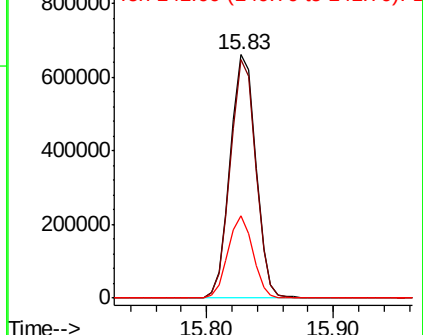
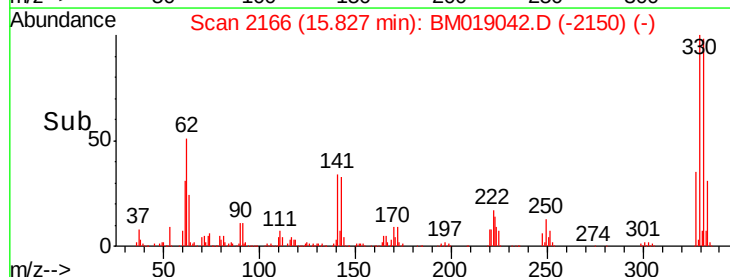
141 33.2 28.7 43.1

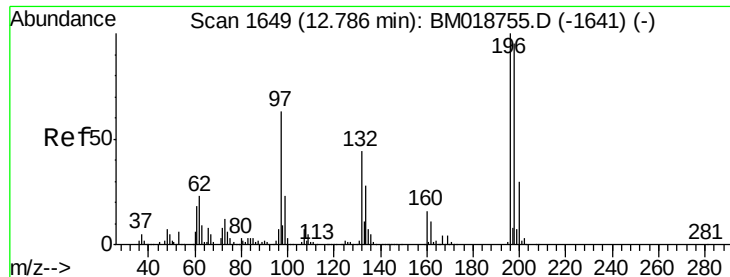


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

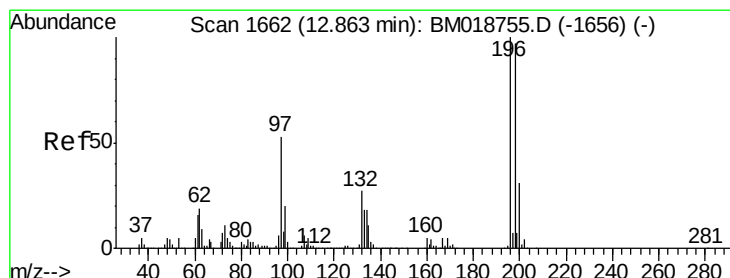
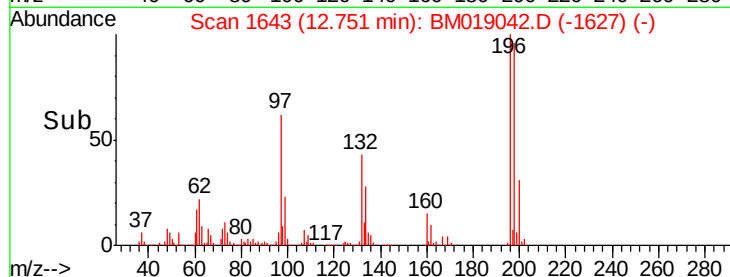
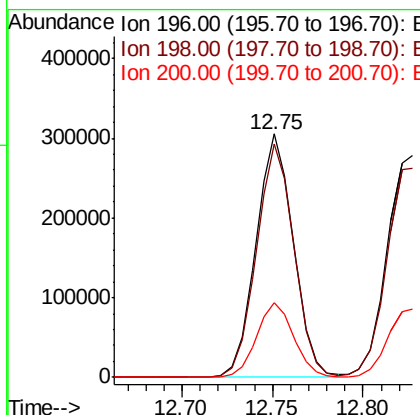
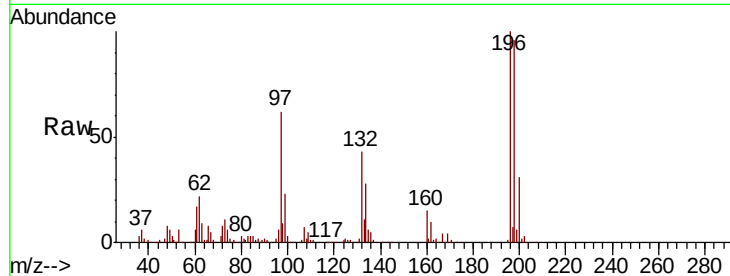




#43
 2,4,6-Trichlorophenol
 Concen: 39.247 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

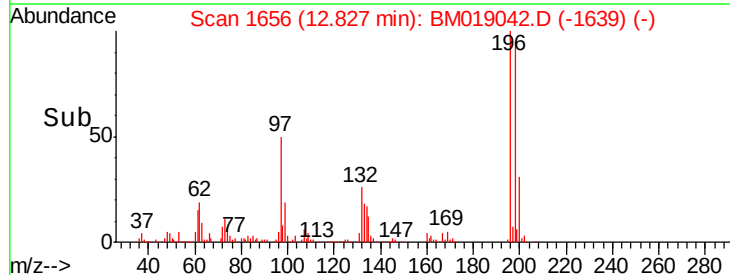
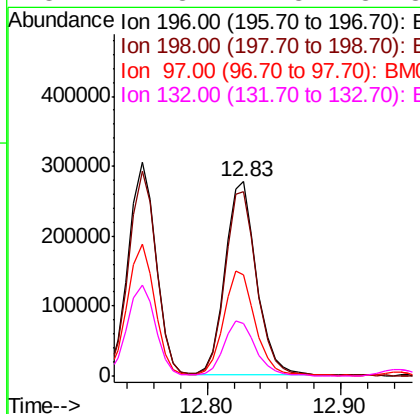
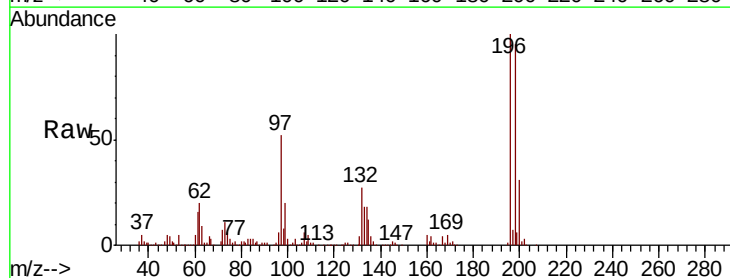
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

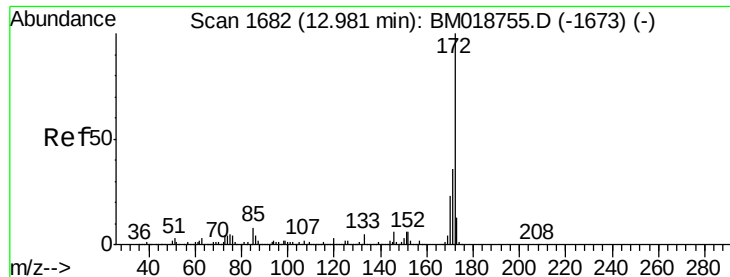
Tgt Ion:196 Resp: 437847
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.2
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.758 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:196 Resp: 453210
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.6 116.4
 97 52.0 42.8 64.2
 132 27.3 21.8 32.8

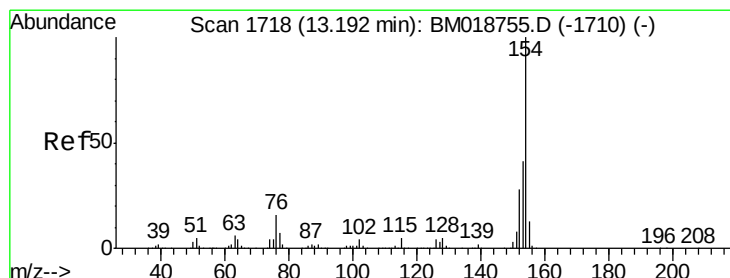
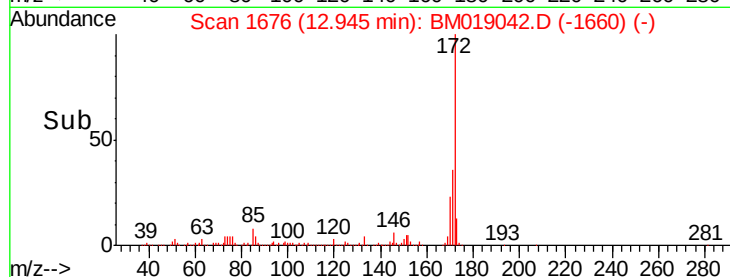
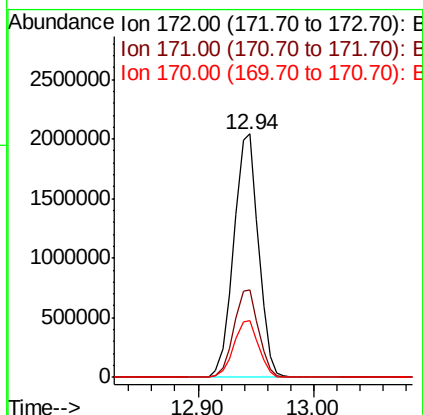
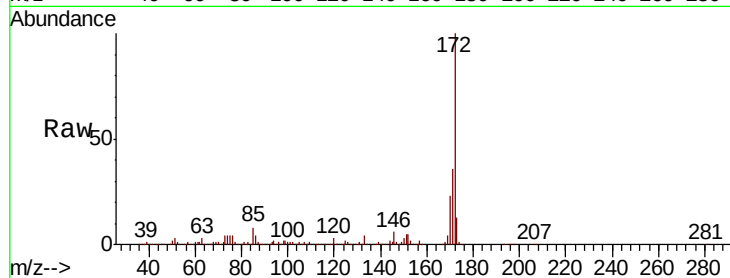




#45
2-Fluorobiphenyl
Concen: 76.145 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

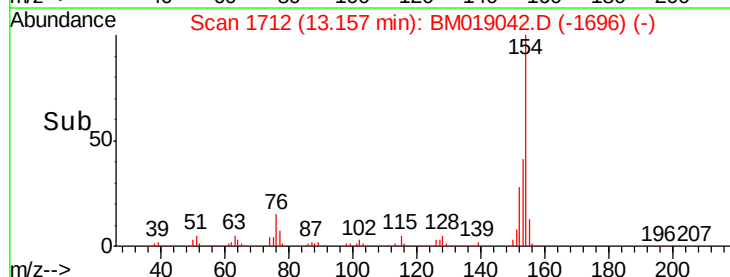
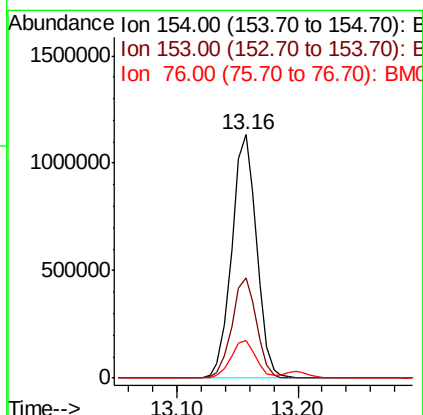
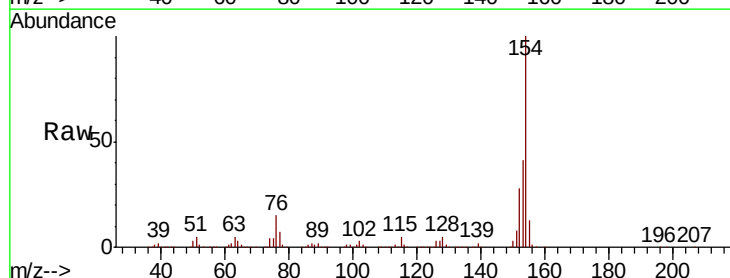
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

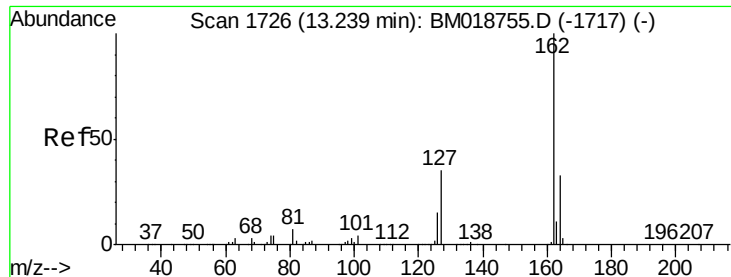
Tgt Ion:172 Resp: 3021844
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 35.847 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:154 Resp: 1625568
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 15.5 0.0 35.7

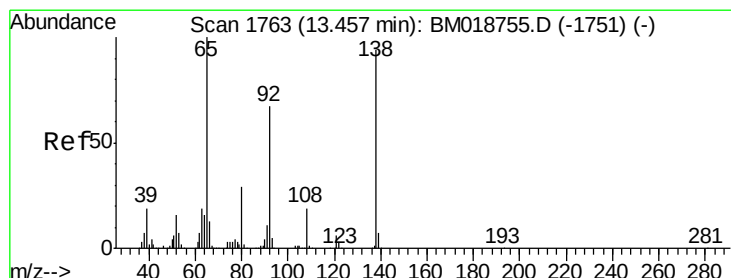
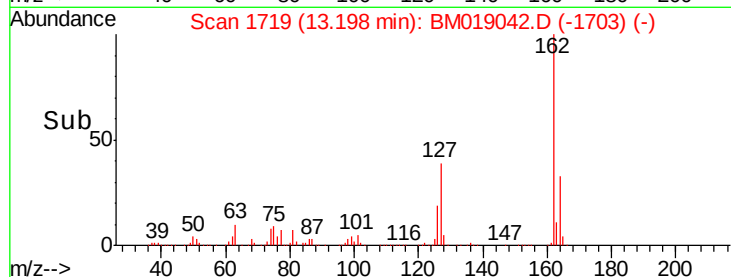
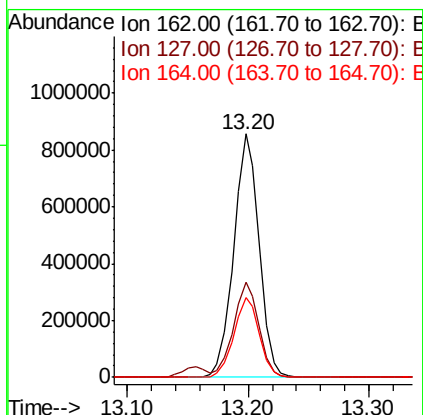
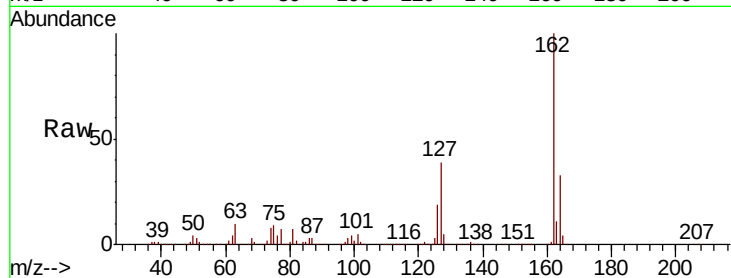




#47
 2-Chloronaphthalene
 Concen: 35.702 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

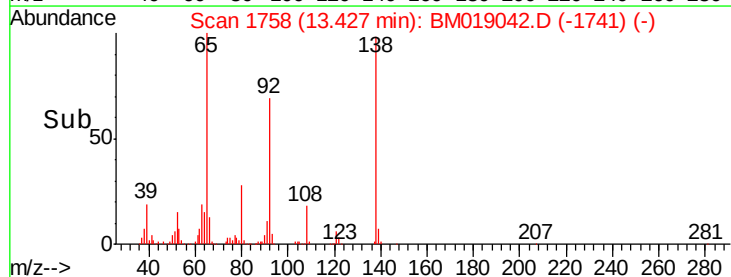
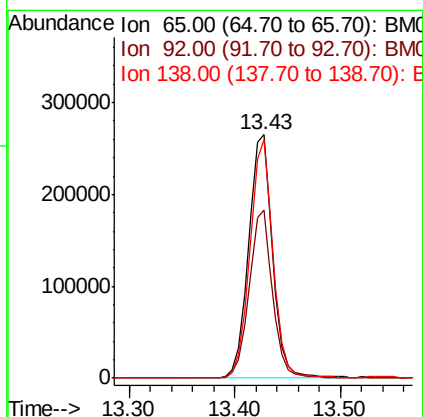
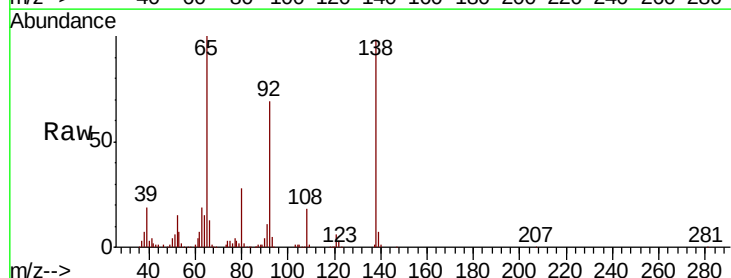
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

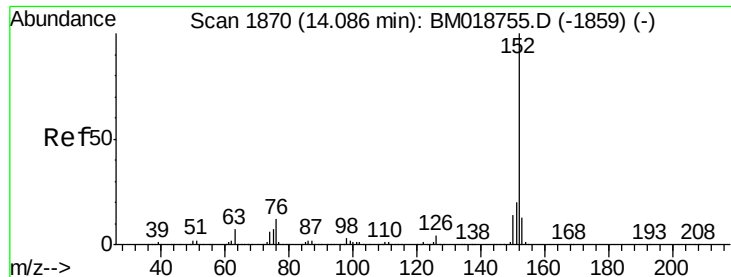
Tgt Ion: 162 Resp: 1250471
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.1 46.7
 164 32.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 36.149 ng
 RT: 13.43 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion: 65 Resp: 420513
 Ion Ratio Lower Upper
 65 100
 92 69.3 54.0 81.0
 138 97.9 74.9 112.3





#49

Acenaphthylene

Concen: 38.751 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

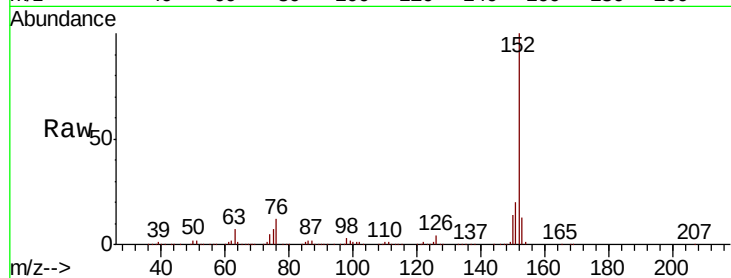
Tgt Ion:152 Resp: 2020979

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

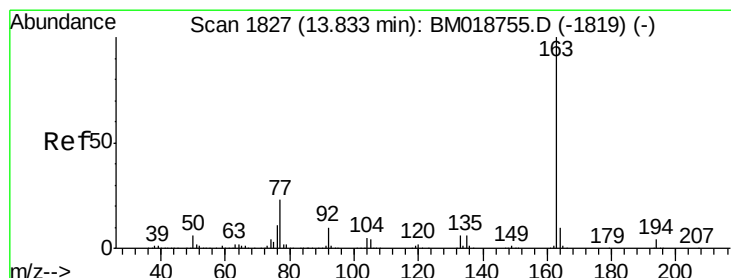
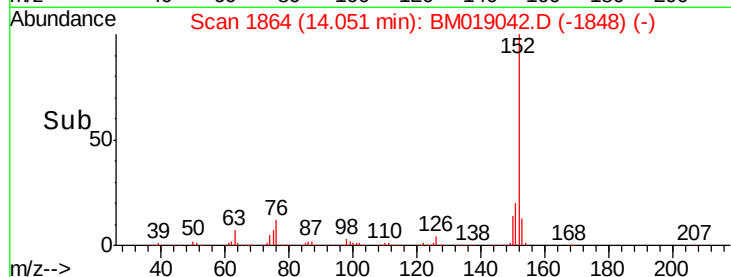
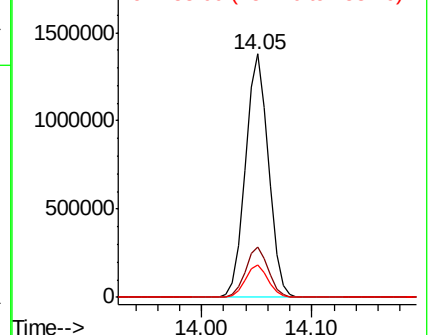
153 13.1 10.5 15.7



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: 41.156 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

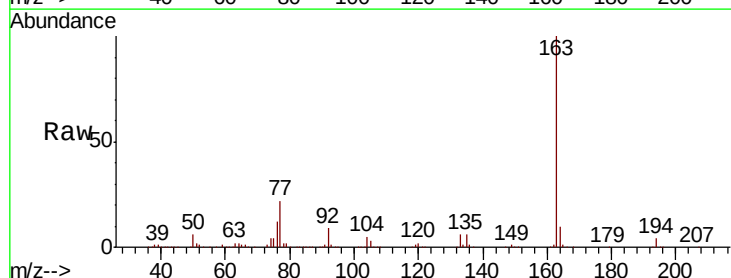
Tgt Ion:163 Resp: 1806951

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

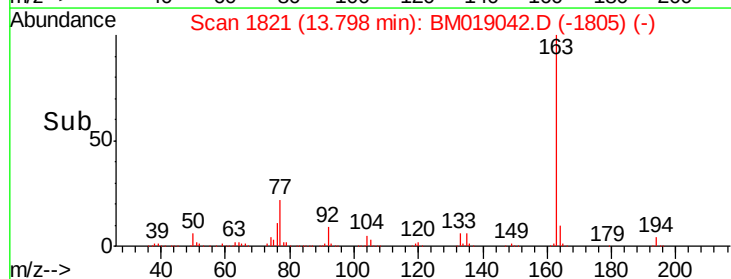
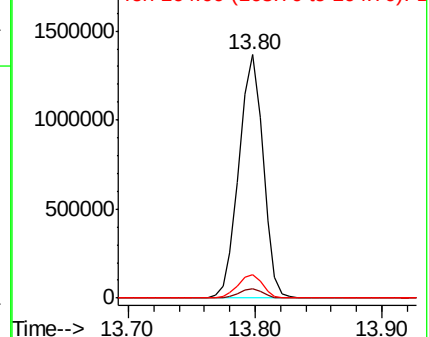
164 9.8 7.8 11.8

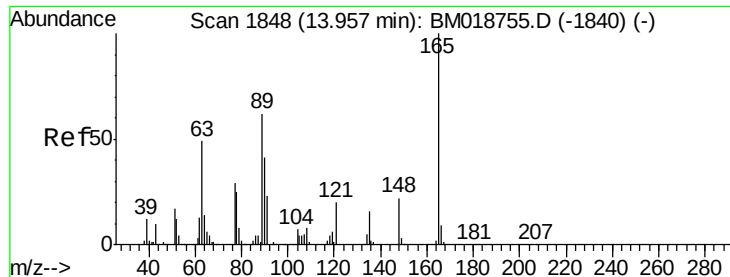


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

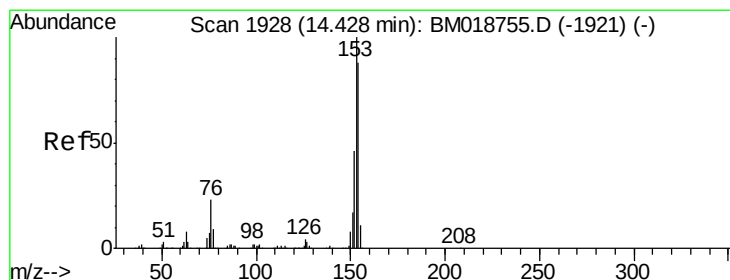
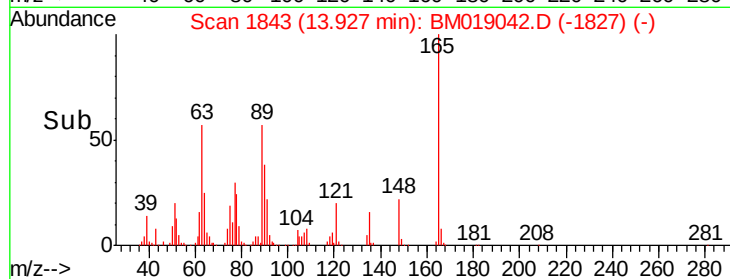
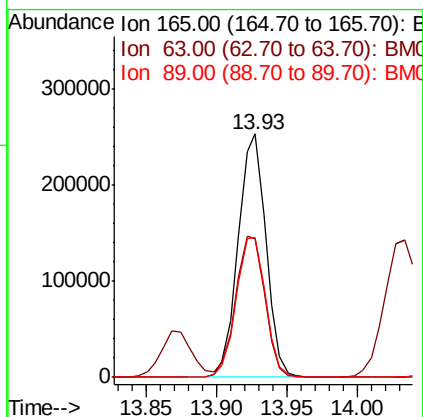
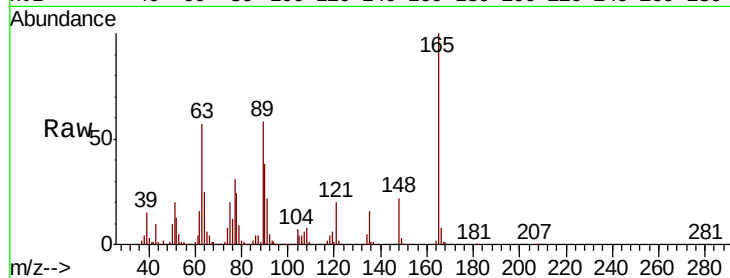




#51
2,6-Dinitrotoluene
Concen: 36.647 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

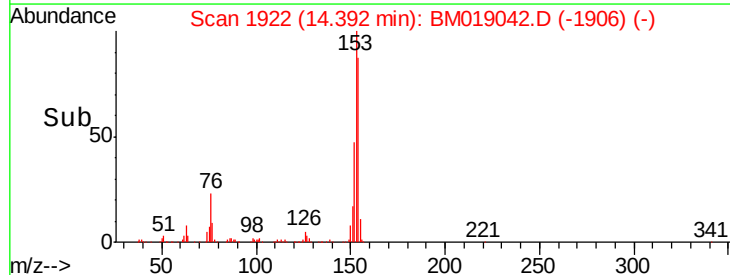
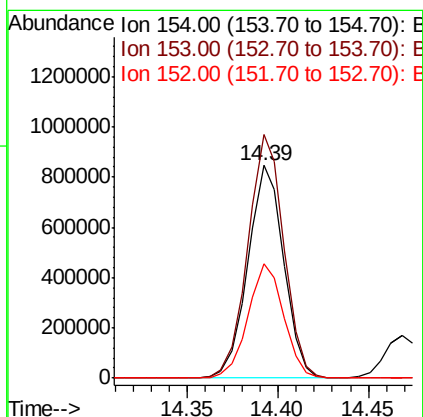
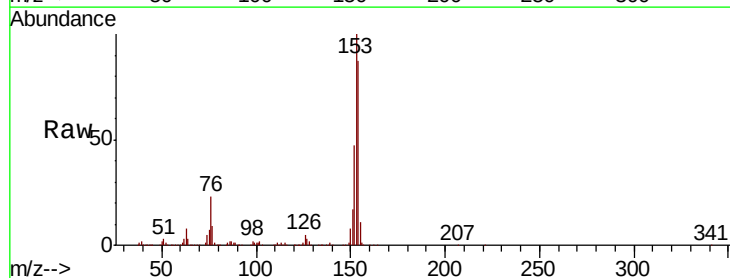
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

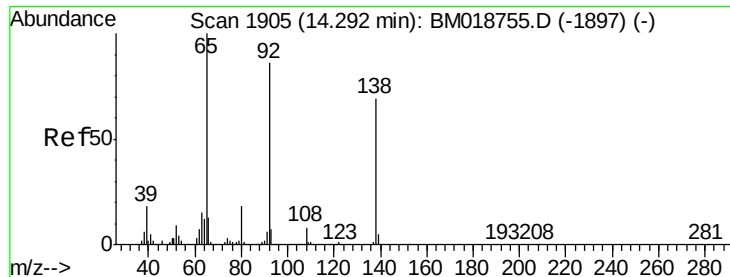
Tgt Ion:165 Resp: 348540
Ion Ratio Lower Upper
165 100
63 57.0 48.9 73.3
89 57.5 49.4 74.0



#52
Acenaphthene
Concen: 36.330 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:154 Resp: 1161796
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 53.7 42.2 63.4

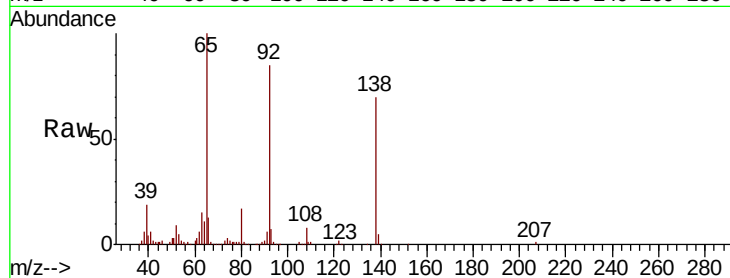




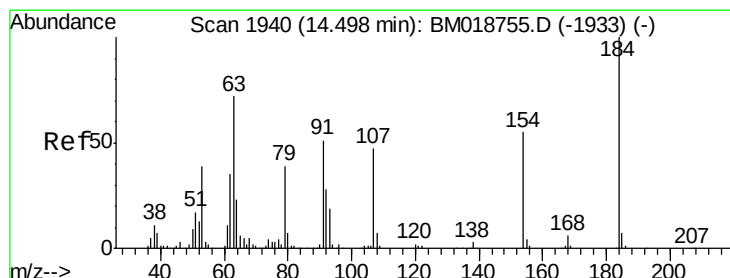
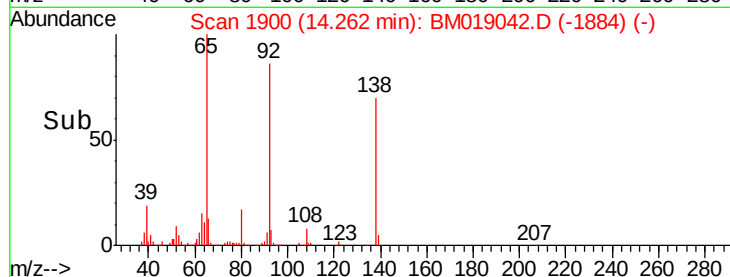
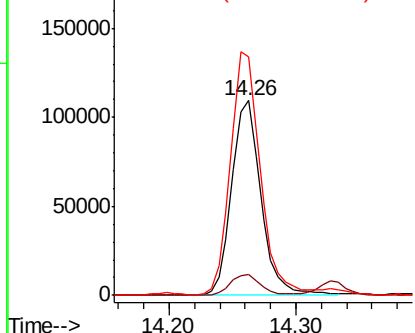
#53
 3-Nitroaniline
 Concen: 16.295 ng
 RT: 14.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tgt Ion:138 Resp: 175105
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.1 13.7
 92 122.4 99.7 149.5

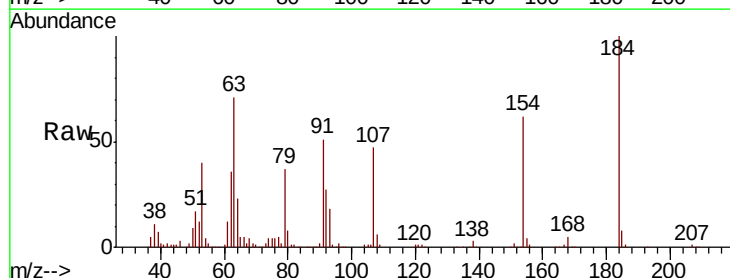


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

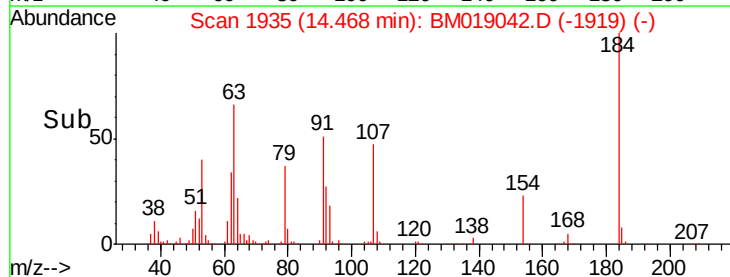
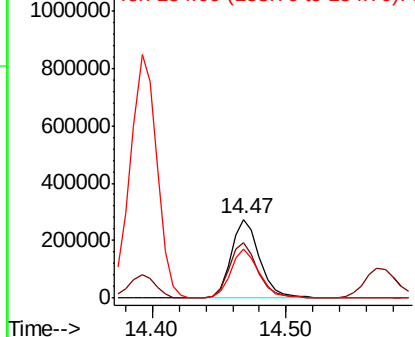


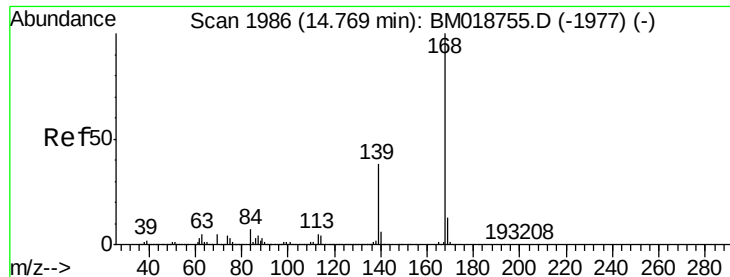
#54
 2,4-Dinitrophenol
 Concen: 68.654 ng
 RT: 14.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:184 Resp: 408998
 Ion Ratio Lower Upper
 184 100
 63 70.7 58.0 87.0
 154 62.4 50.3 75.5



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

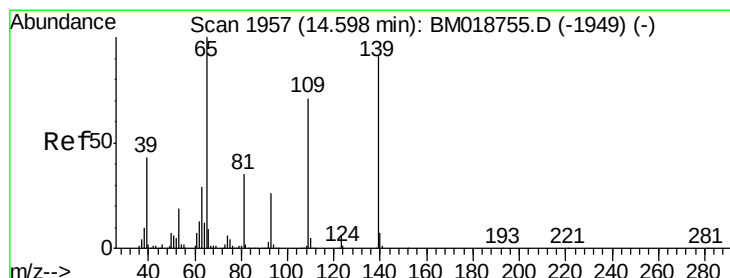
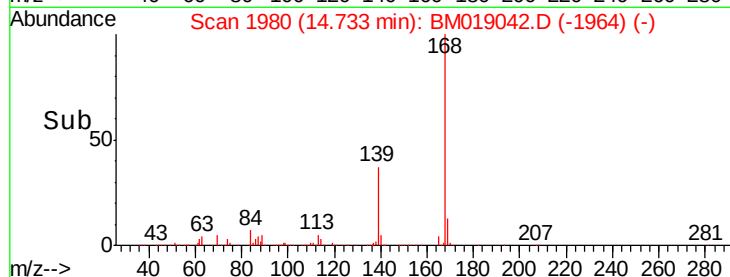
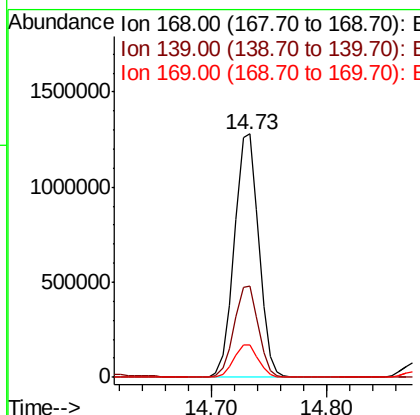
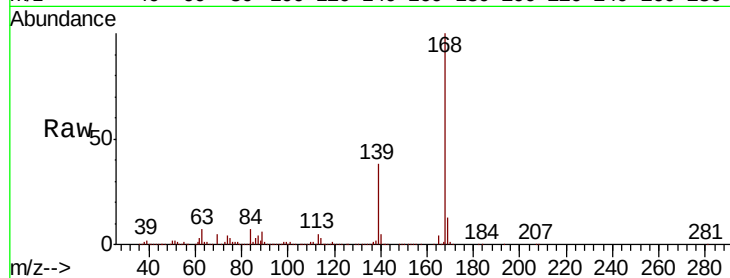




#55
 Dibenzofuran
 Concen: 35.575 ng
 RT: 14.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

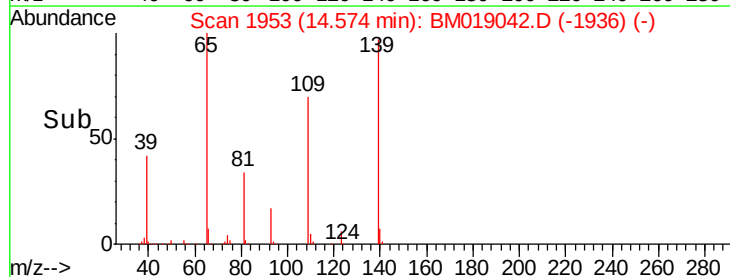
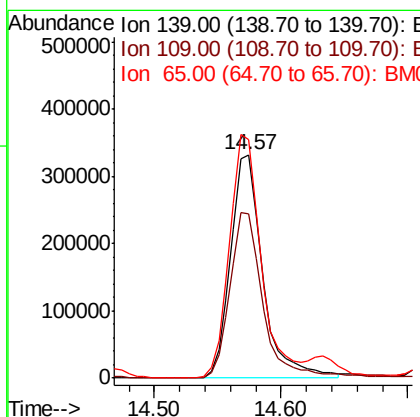
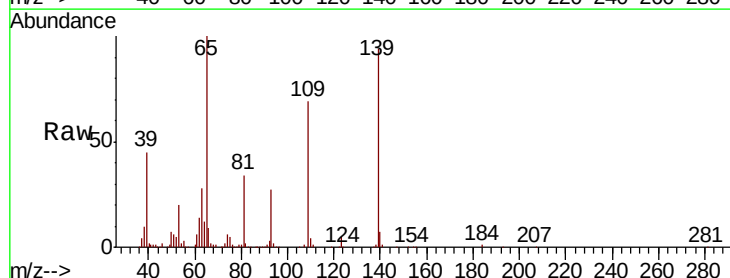
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

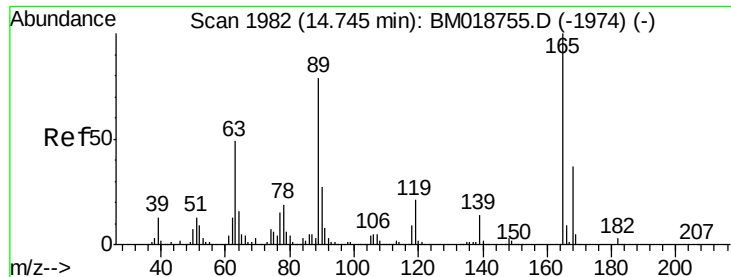
Tgt Ion:168 Resp: 1869932
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.7 46.1
 169 13.3 10.3 15.5



#56
 4-Nitrophenol
 Concen: 68.254 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:139 Resp: 585509
 Ion Ratio Lower Upper
 139 100
 109 73.3 58.4 98.4
 65 106.9 89.8 129.8

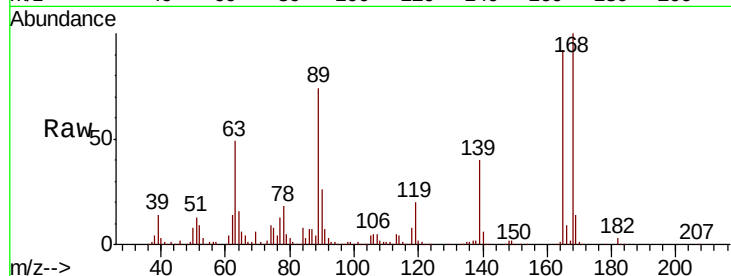




#57
2,4-Dinitrotoluene
Concen: 36.552 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.5	39.6	59.4
89	80.2	63.5	95.3
182	2.8	2.2	3.4



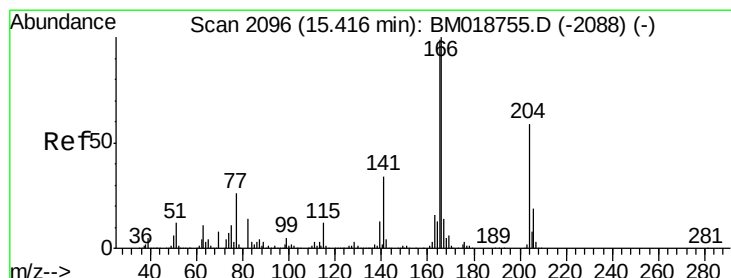
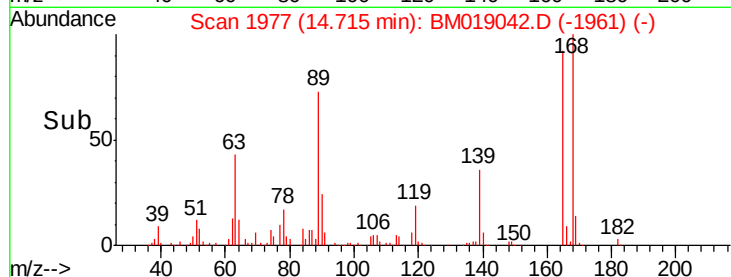
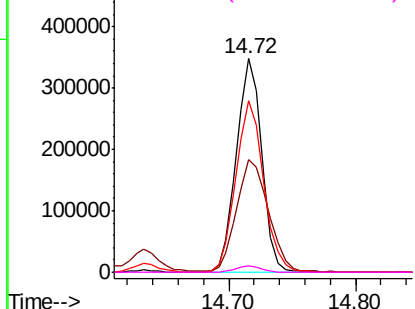
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

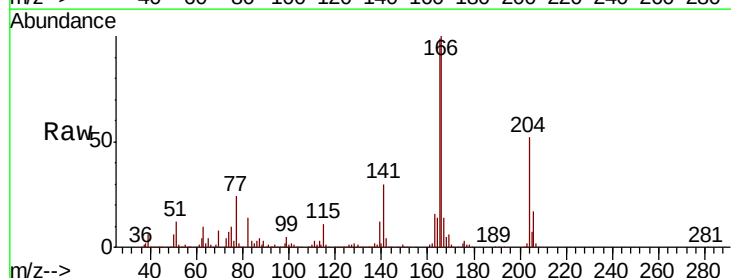
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.295 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.5	11.0	16.4

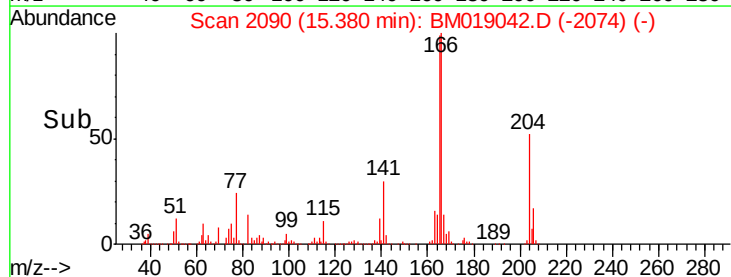
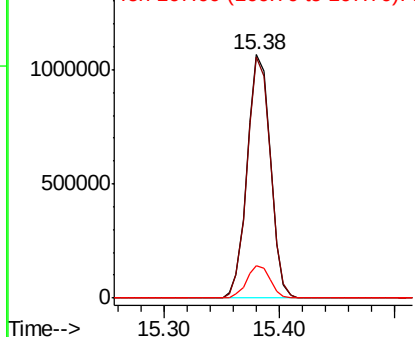


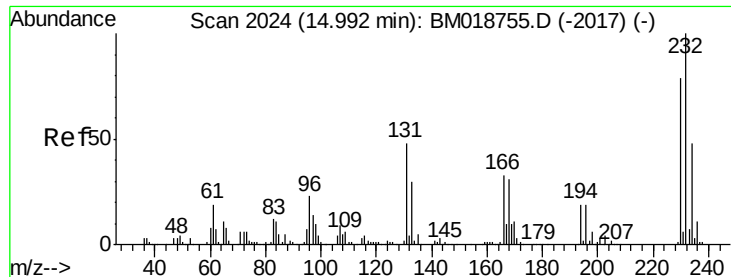
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

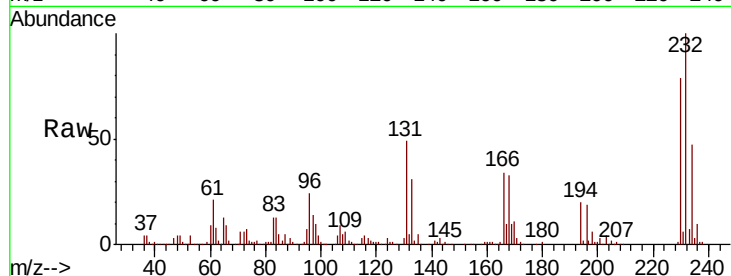




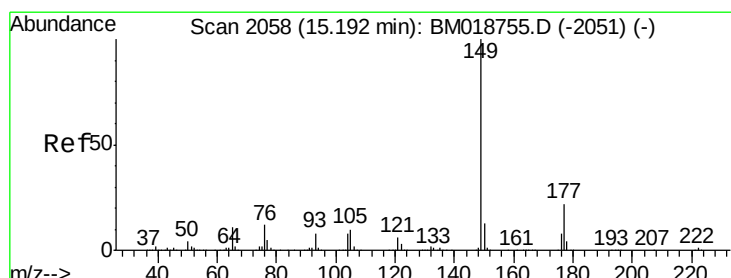
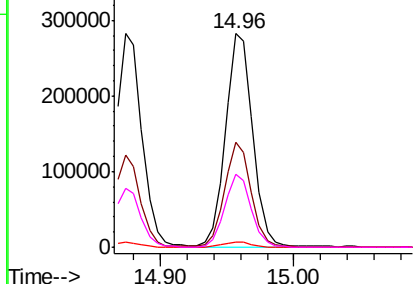
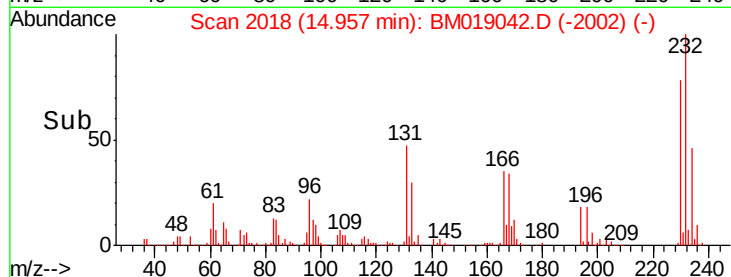
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.786 ng
 RT: 14.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tgt Ion: 232 Resp: 400883
 Ion Ratio Lower Upper
 232 100
 131 47.7 38.6 57.8
 130 2.6 2.0 3.0
 166 34.0 26.9 40.3

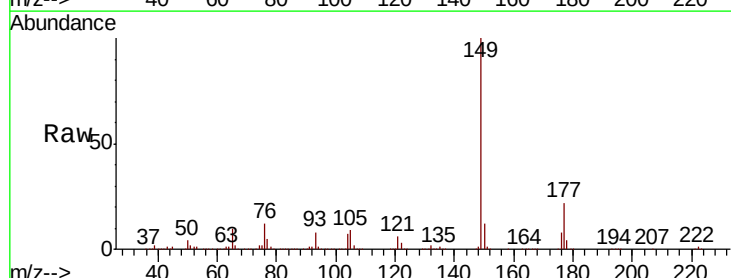


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

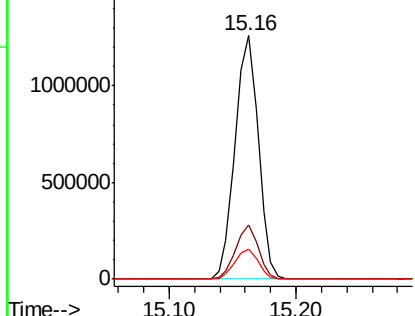
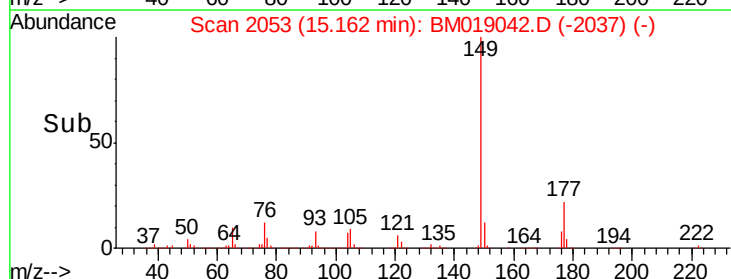


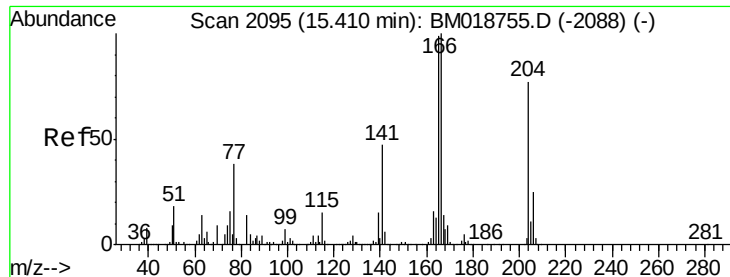
#60
 Diethylphthalate
 Concen: 35.224 ng
 RT: 15.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion: 149 Resp: 1595270
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.2 25.8
 150 12.2 10.2 15.2



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

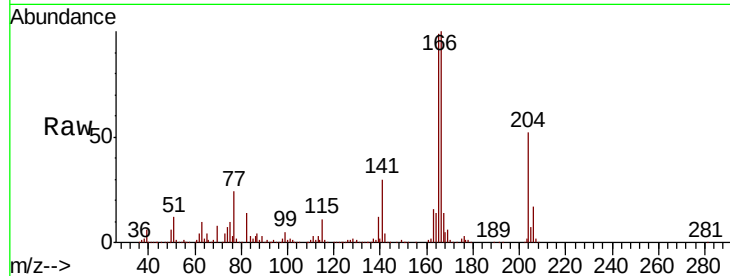




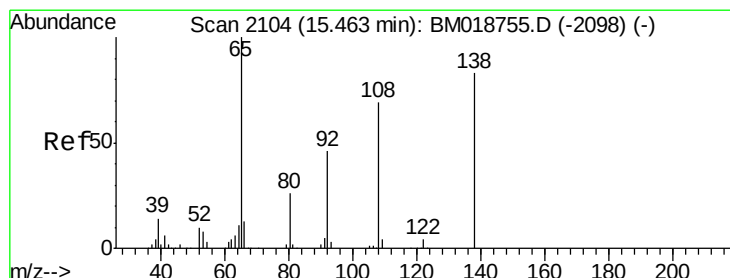
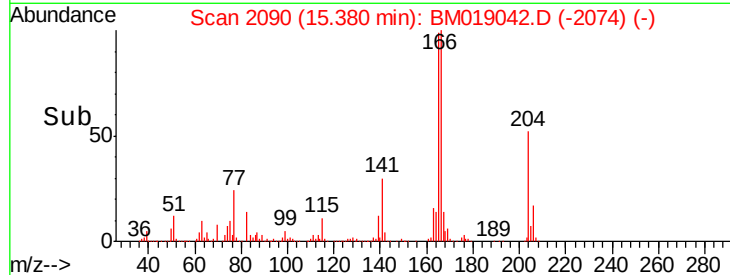
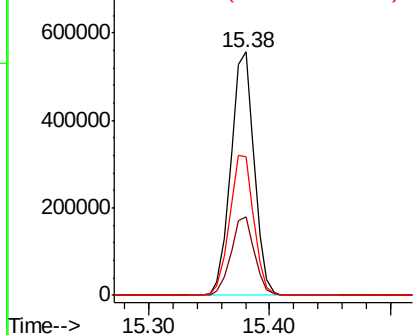
#61
 4-Chlorophenyl-phenylether
 Concen: 33.271 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tgt Ion:	204	Resp:	750139
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	57.1	49.2	73.8

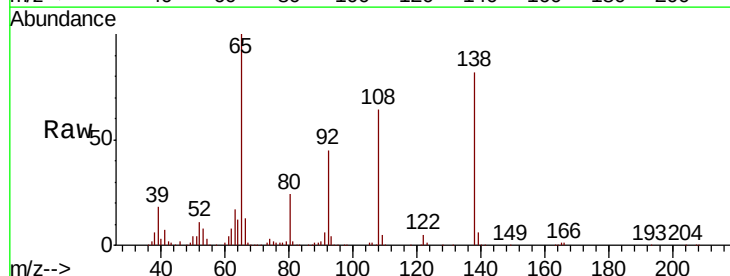


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

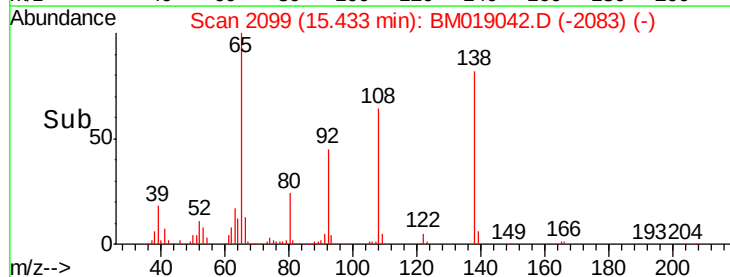
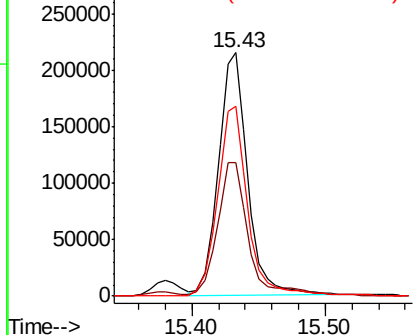


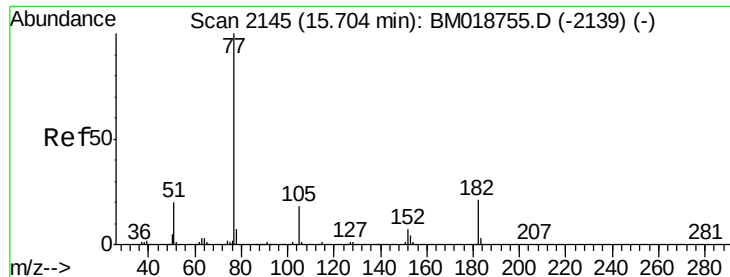
#62
 4-Nitroaniline
 Concen: 31.053 ng
 RT: 15.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:	138	Resp:	327140
Ion	Ratio	Lower	Upper
138	100		
92	54.8	35.5	75.5
108	78.1	62.4	102.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.502 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

Tgt Ion: 77 Resp: 1675410

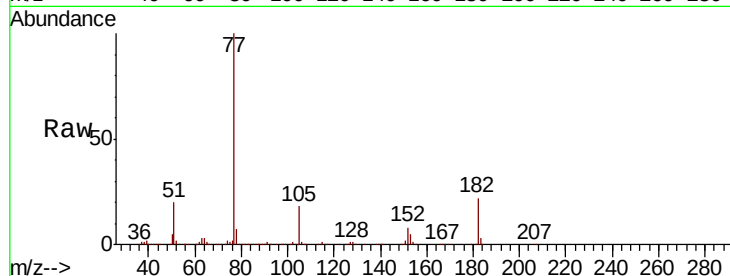
Ion Ratio Lower Upper

77 100

182 22.3 1.0 41.0

105 18.3 0.0 37.7

51 20.3 0.3 40.3

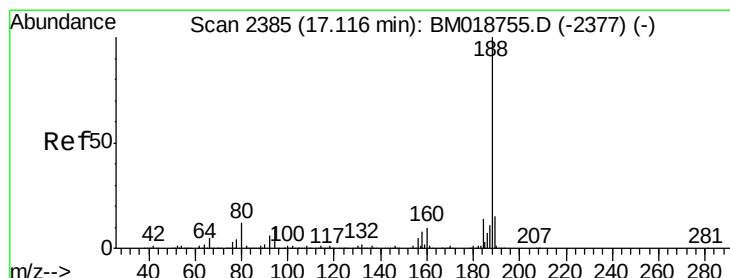
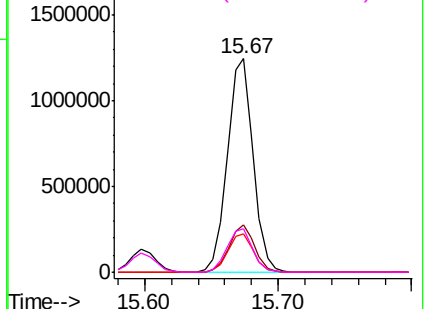
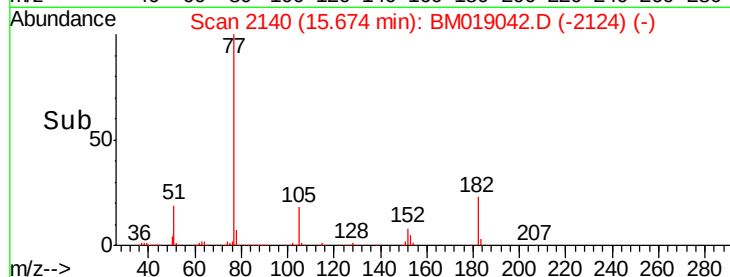


Abundance Ion 77.00 (76.70 to 77.70): BM019042.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): BM019042.D (-2124) (-)

Ion 105.00 (104.70 to 105.70): BM019042.D (-2124) (-)

Ion 51.00 (50.70 to 51.70): BM019042.D (-2124) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

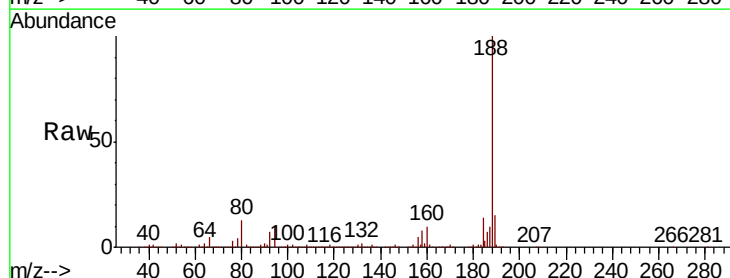
Tgt Ion: 188 Resp: 1094158

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

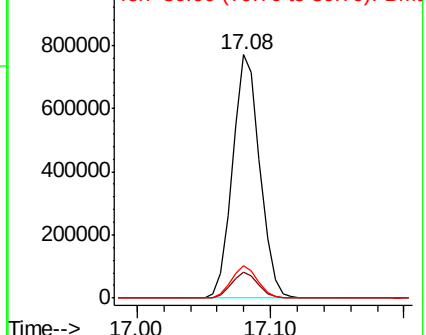
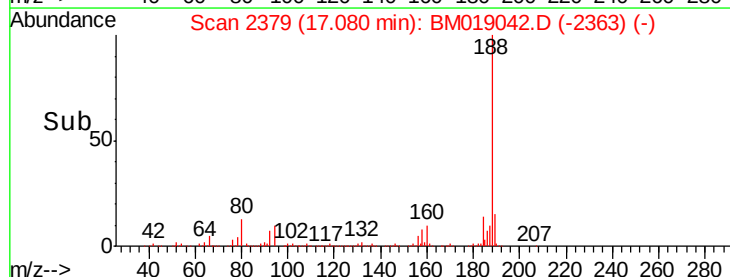
80 13.1 9.7 14.5

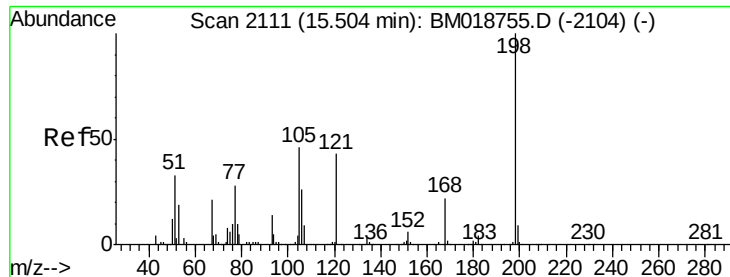


Abundance Ion 188.00 (187.70 to 188.70): BM019042.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019042.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019042.D (-2363) (-)

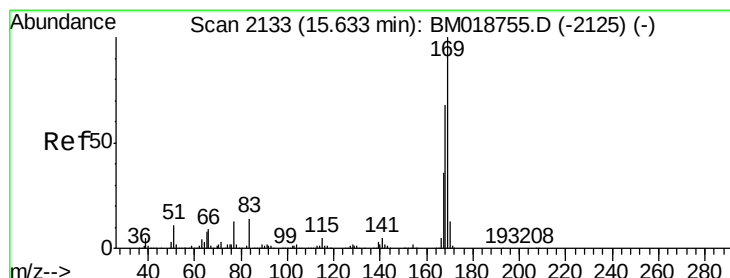
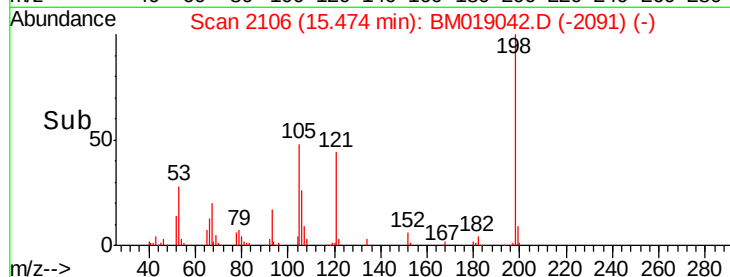
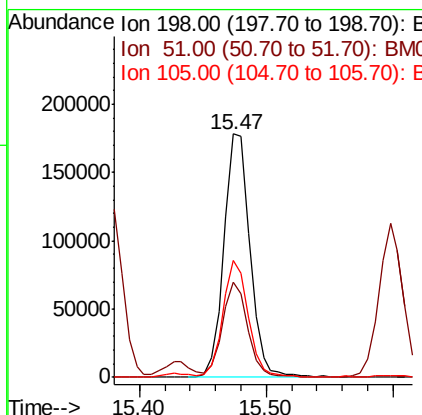
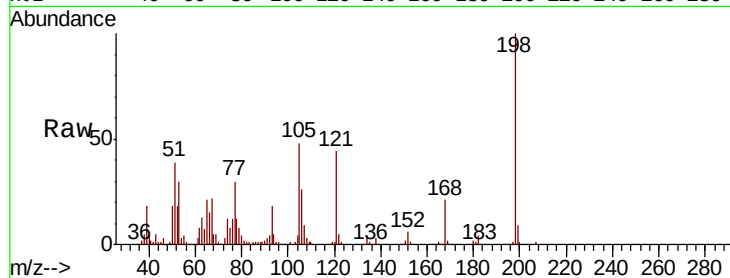




#65
4,6-Dinitro-2-methylphenol
Concen: 33.100 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

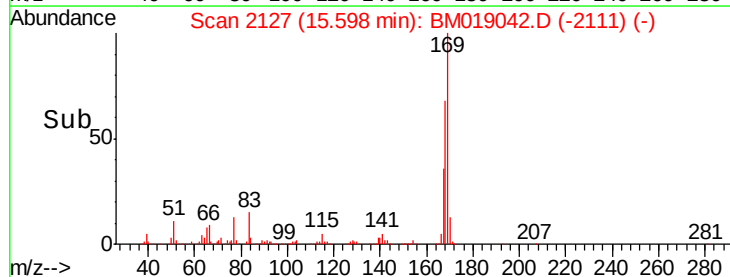
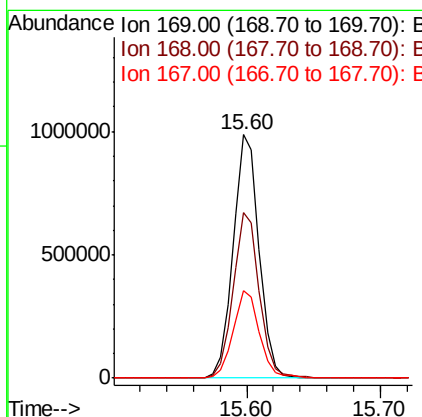
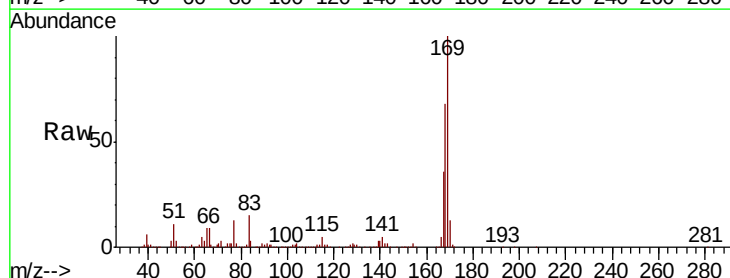
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

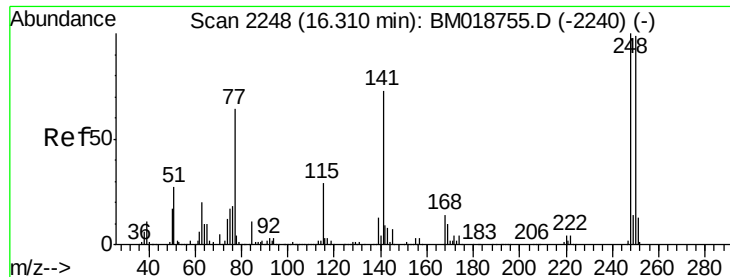
Tgt Ion:198 Resp: 254278
Ion Ratio Lower Upper
198 100
51 38.8 18.4 58.4
105 47.9 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 38.372 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:169 Resp: 1326459
Ion Ratio Lower Upper
169 100
168 68.2 54.4 81.6
167 35.9 29.0 43.6

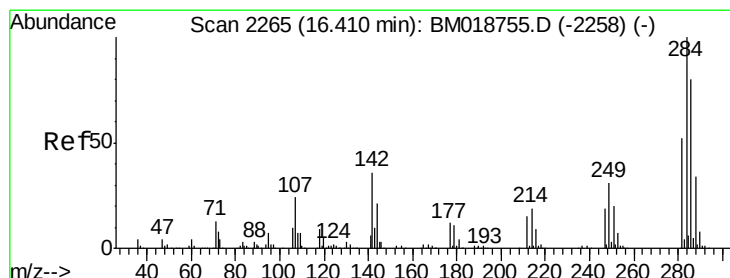
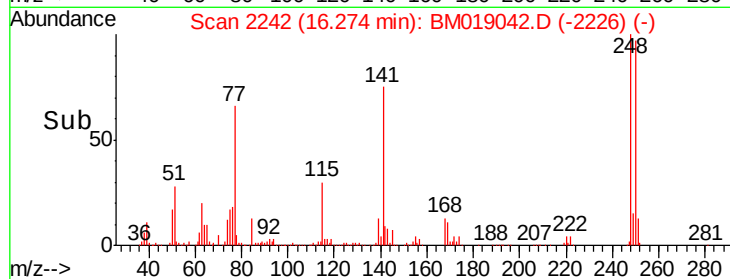
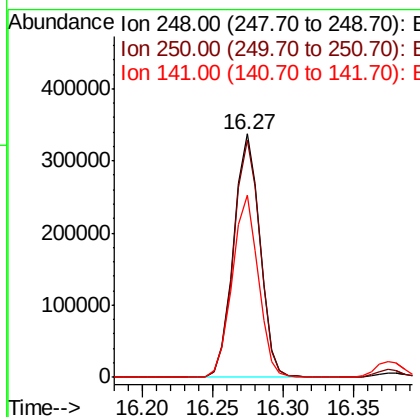
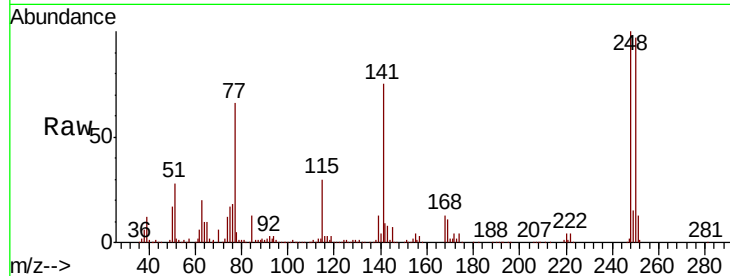




#67
 4-Bromophenyl-phenylether
 Concen: 35.819 ng
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

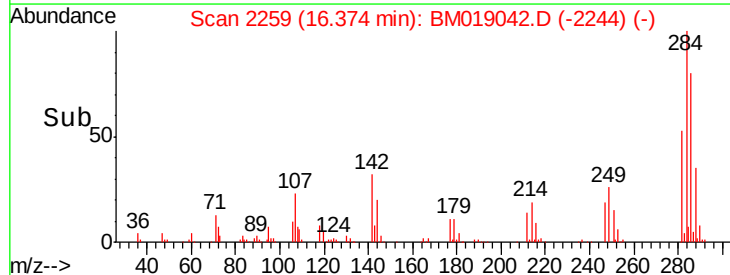
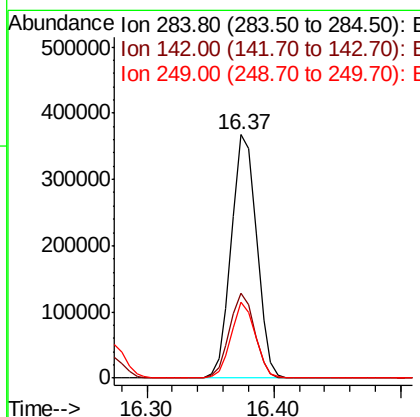
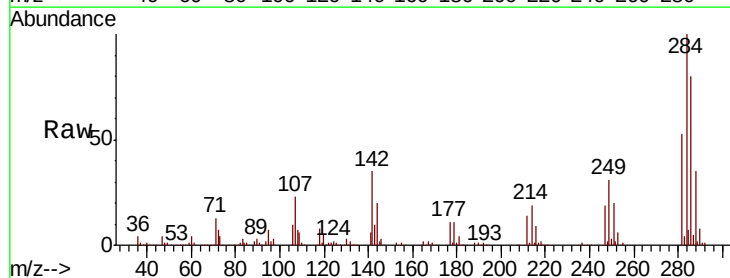
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

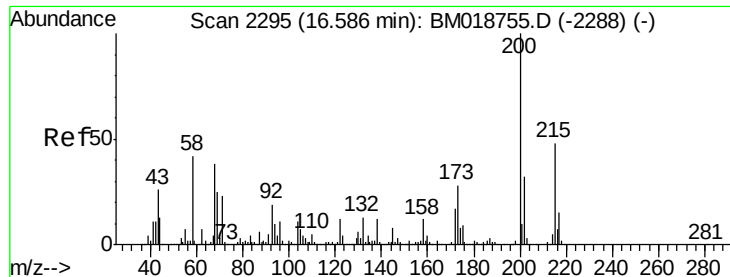
Tgt Ion:248 Resp: 438682
 Ion Ratio Lower Upper
 248 100
 250 97.3 79.0 118.6
 141 74.7 58.6 88.0



#68
 Hexachlorobenzene
 Concen: 35.735 ng
 RT: 16.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:284 Resp: 508700
 Ion Ratio Lower Upper
 284 100
 142 34.8 28.9 43.3
 249 31.3 24.8 37.2





#69

Atrazine

Concen: 39.202 ng

RT: 16.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

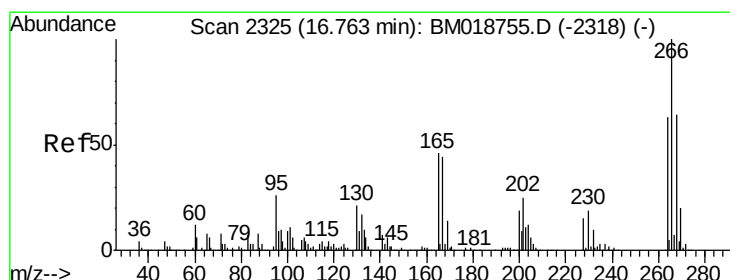
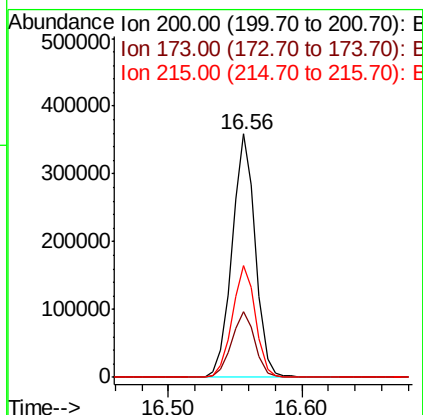
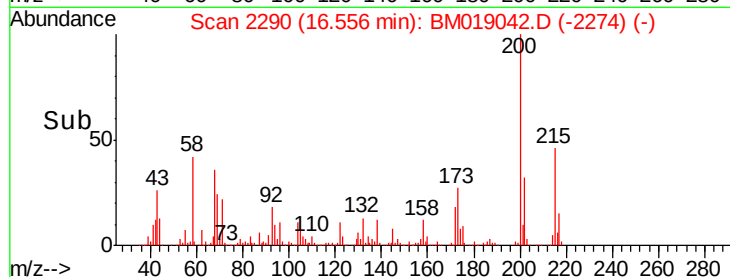
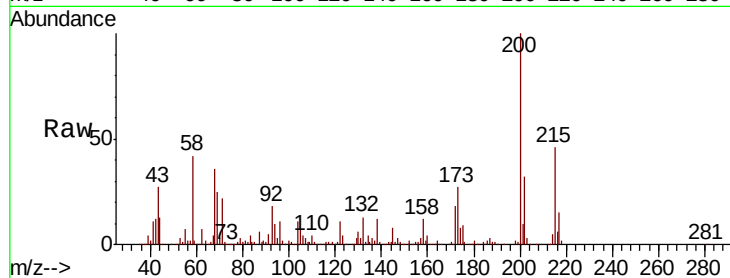
Tgt Ion:200 Resp: 436892

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 45.7 27.6 67.6



#70

Pentachlorophenol

Concen: 68.126 ng

RT: 16.73 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

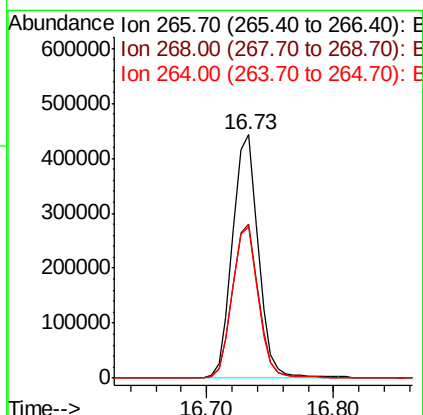
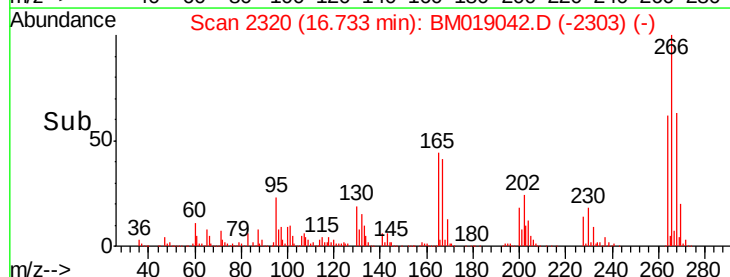
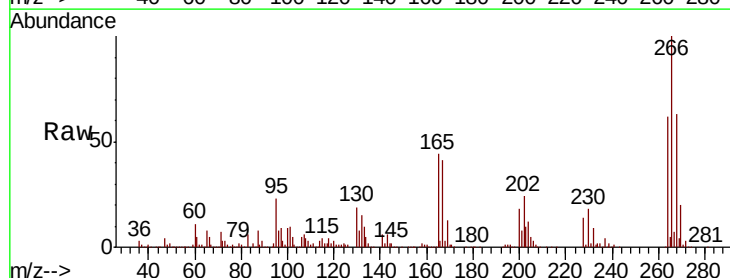
Tgt Ion:266 Resp: 624439

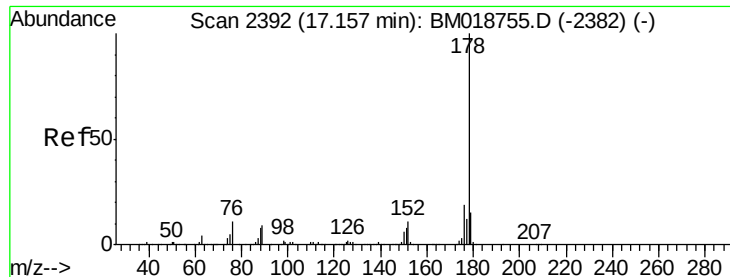
Ion Ratio Lower Upper

266 100

268 63.2 51.3 76.9

264 62.4 50.6 75.8

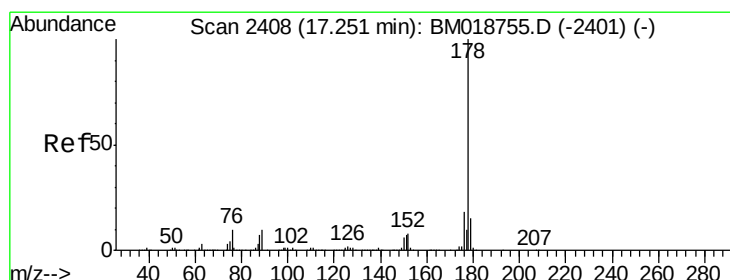
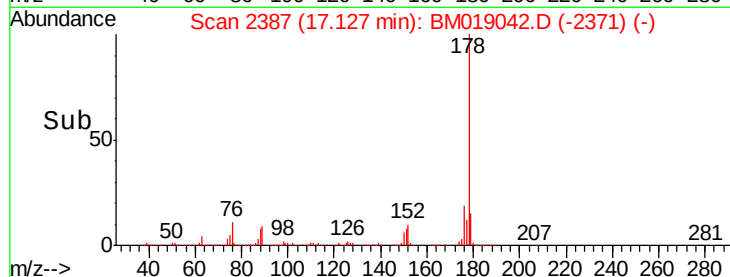
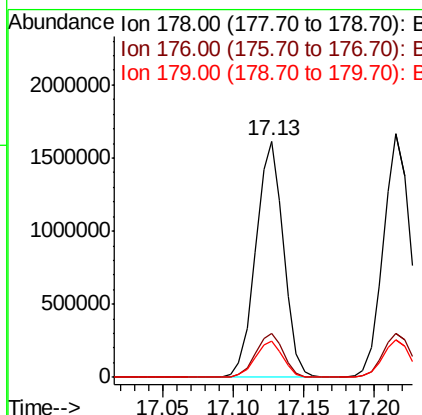
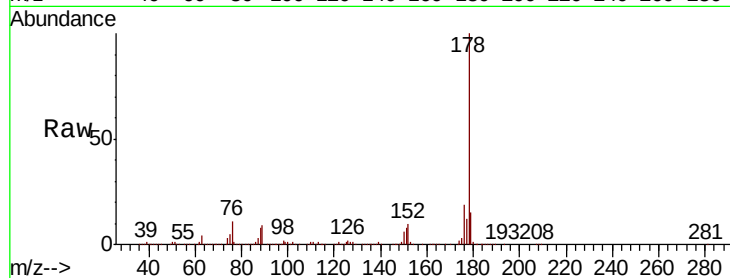




#71
Phenanthrene
Concen: 37.939 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

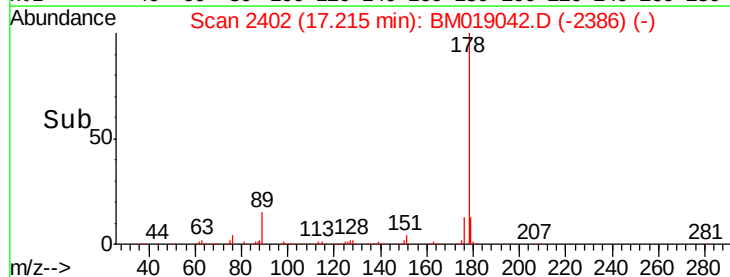
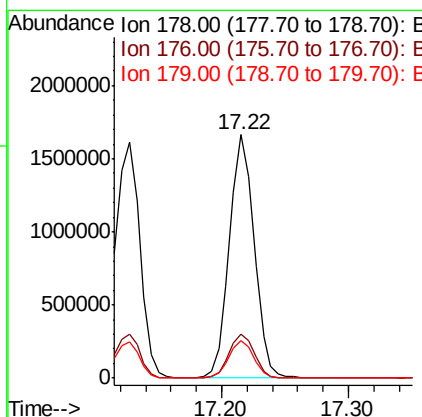
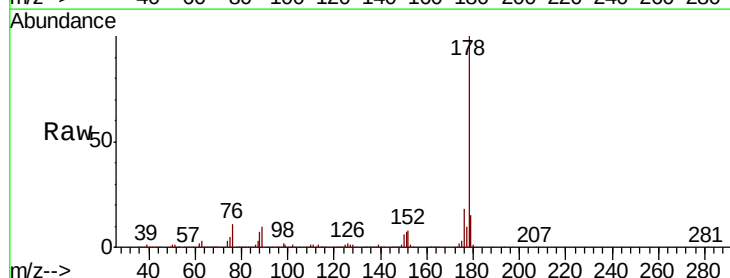
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

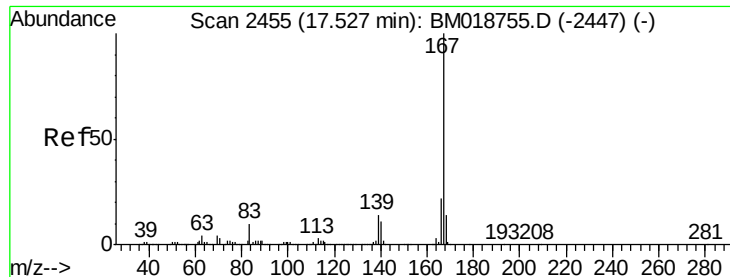
Tgt Ion:178 Resp: 2230873
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 39.135 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:178 Resp: 2239827
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.3 12.1 18.1

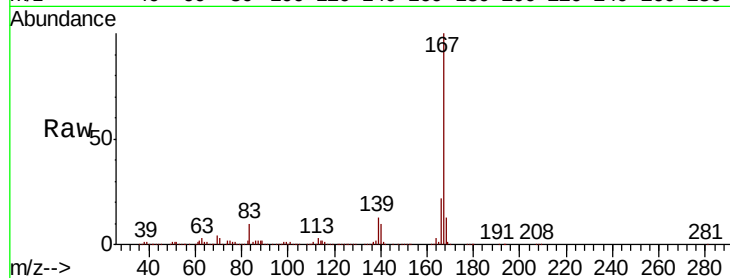




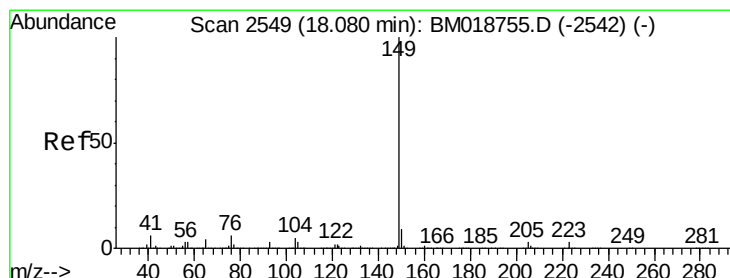
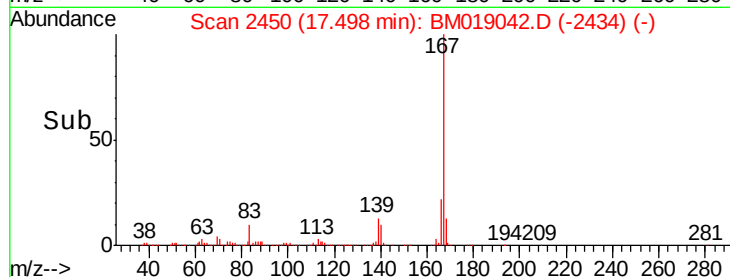
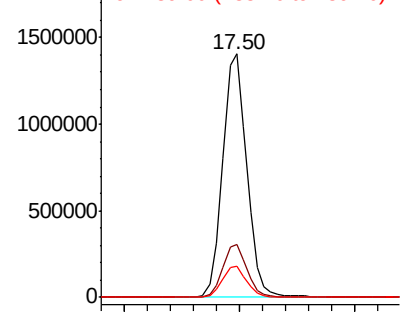
#73
 Carbazole
 Concen: 34.039 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tgt Ion:167 Resp: 2035372
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.7 10.9 16.3

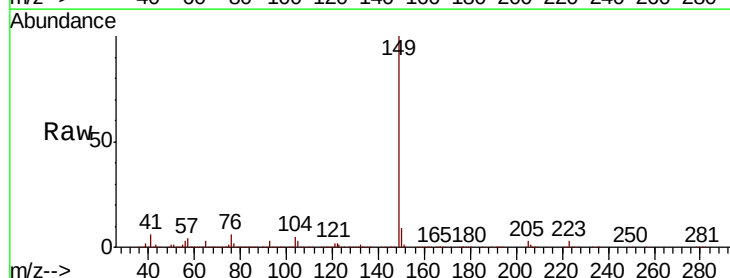


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

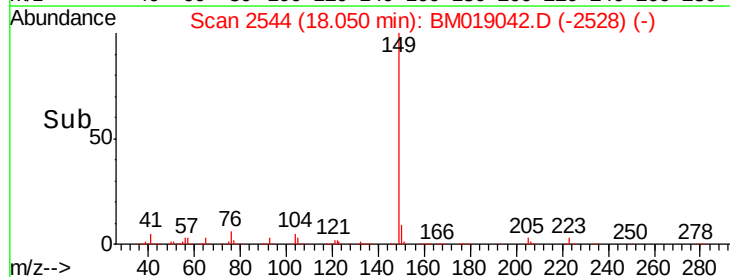
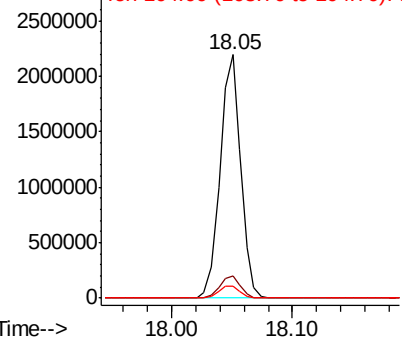


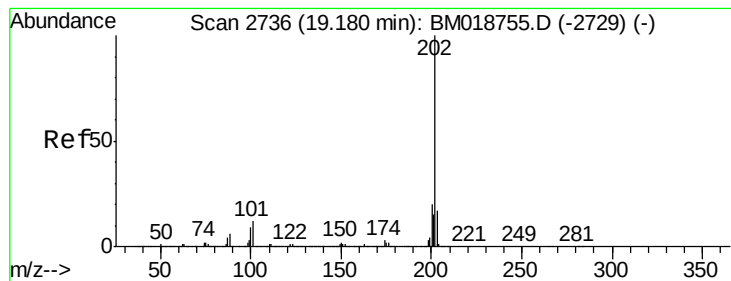
#74
 Di-n-butylphthalate
 Concen: 37.767 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:149 Resp: 2597180
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.3 6.5



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





#75

Fluoranthene

Concen: 34.284 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

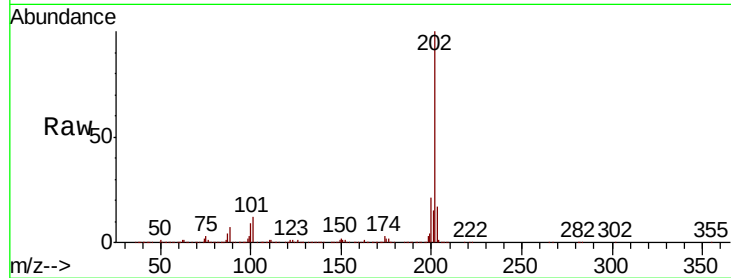
Tgt Ion:202 Resp: 2328707

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.5

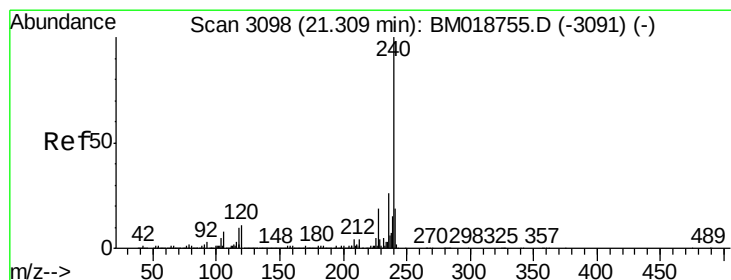
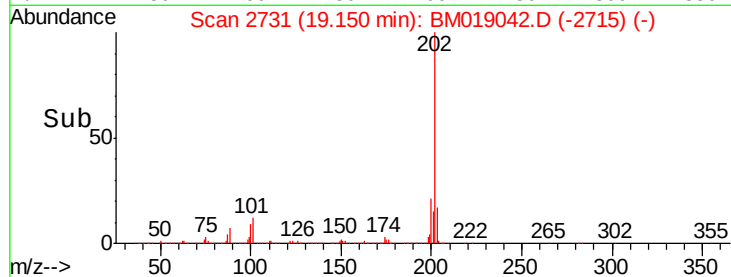
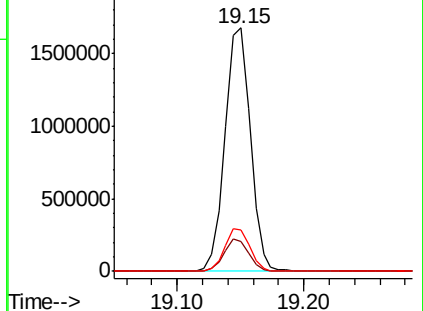
203 17.1 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

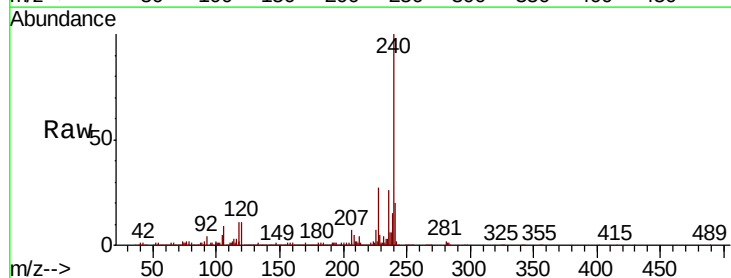
Tgt Ion:240 Resp: 884747

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

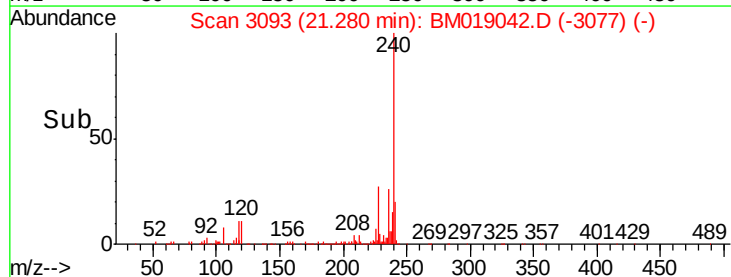
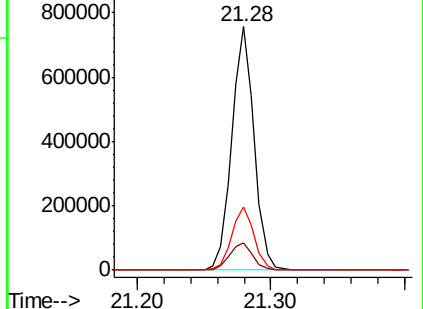
236 25.9 20.9 31.3

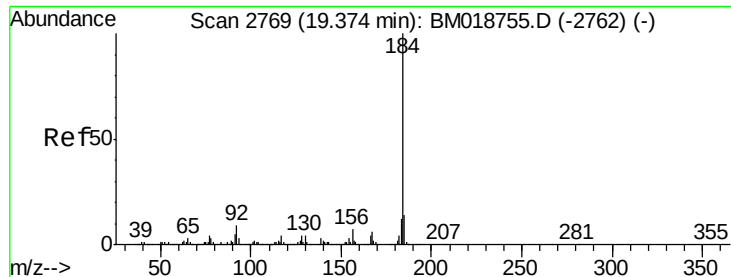


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

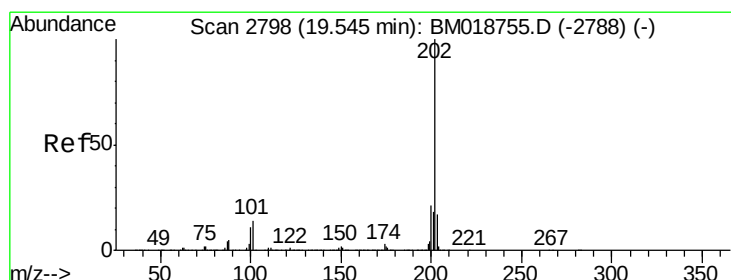
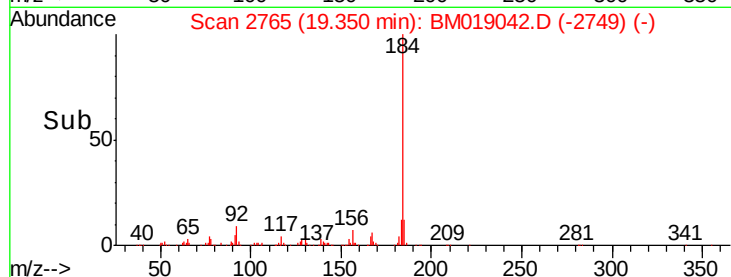
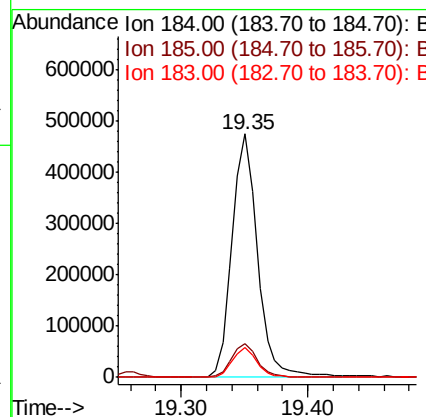
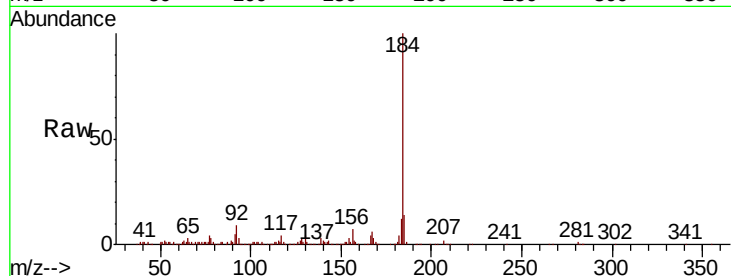




#77
Benzidine
Concen: 33.306 ng
RT: 19.35 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

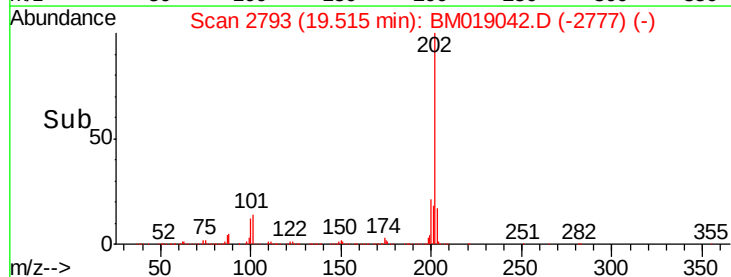
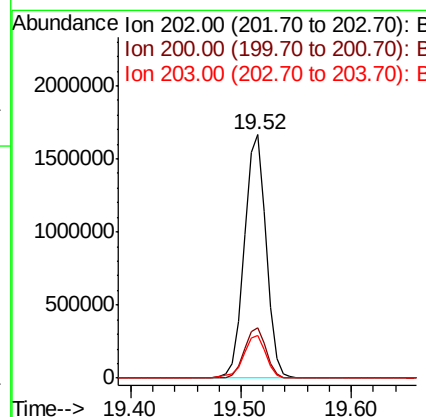
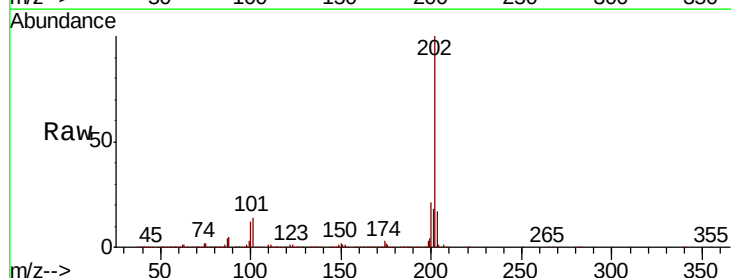
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

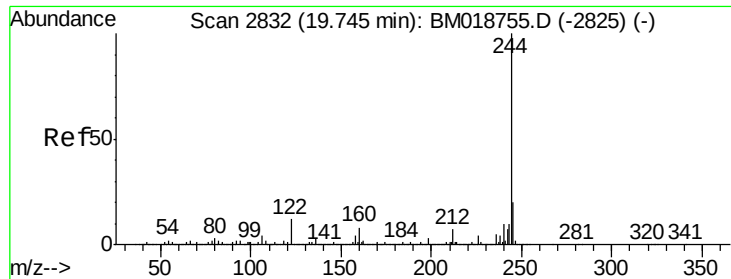
Tgt Ion:184 Resp: 663642
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 12.4 9.7 14.5



#78
Pyrene
Concen: 45.038 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:202 Resp: 2314305
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.3 13.8 20.8

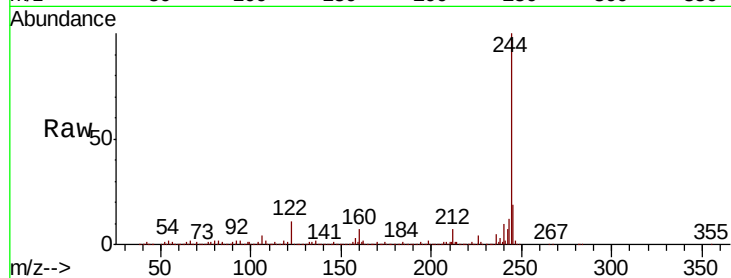




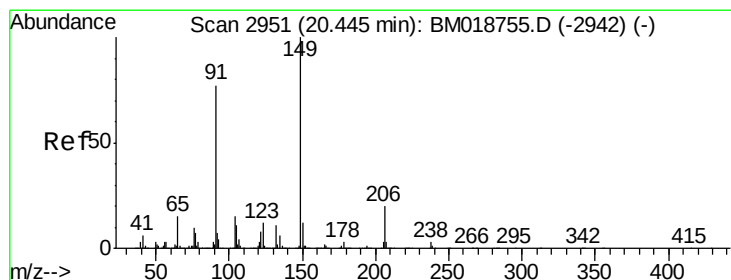
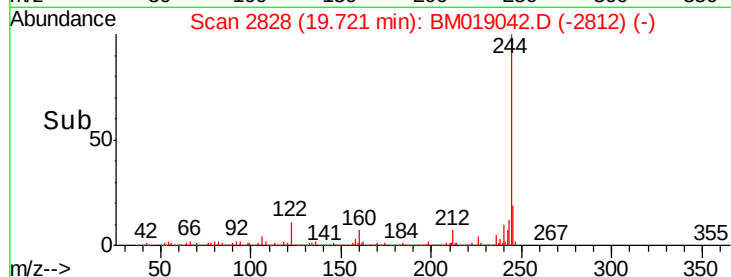
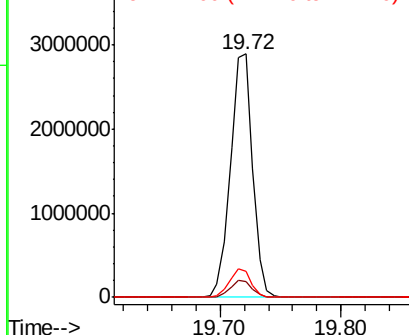
#79
 Terphenyl-d14
 Concen: 85.918 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MSD

Tgt Ion:244 Resp: 3684900
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.5 9.3 13.9

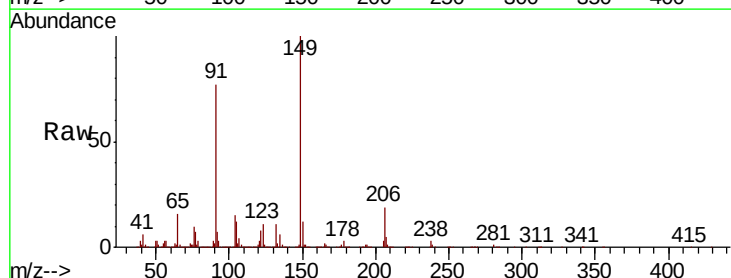


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

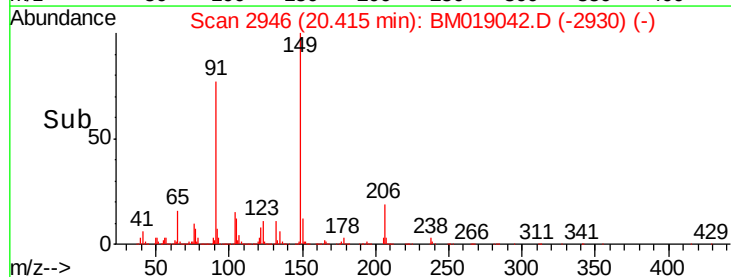
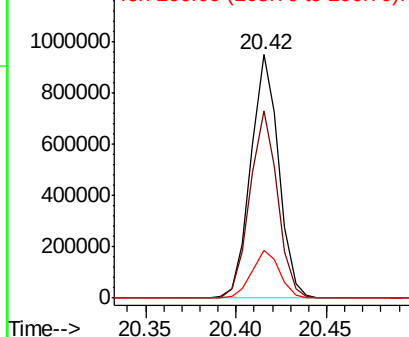


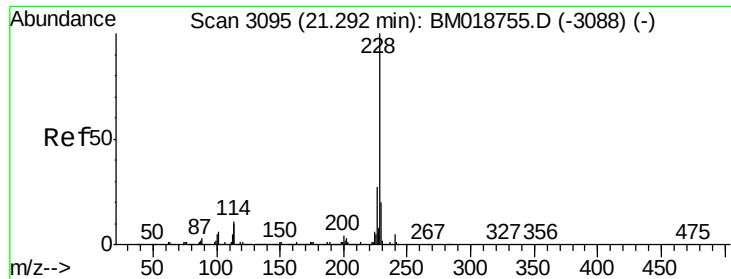
#80
 Butylbenzylphthalate
 Concen: 43.292 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019042.D
 Acq: 05 Mar 2019 18:27

Tgt Ion:149 Resp: 1013820
 Ion Ratio Lower Upper
 149 100
 91 77.0 61.4 92.0
 206 19.5 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM018755.D (-2942) (-)
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.705 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

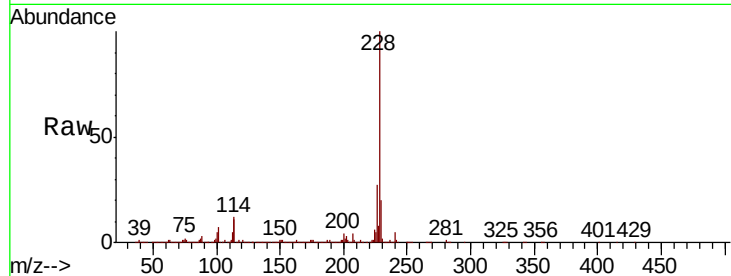
Tgt Ion:228 Resp: 1892998

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

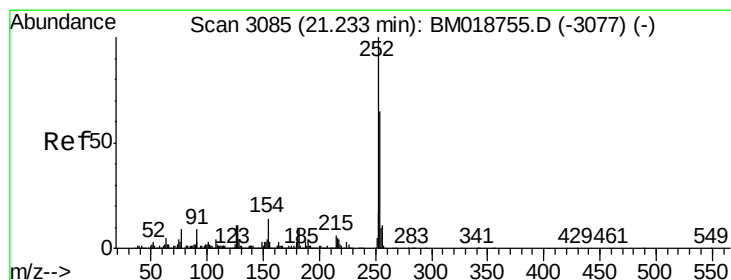
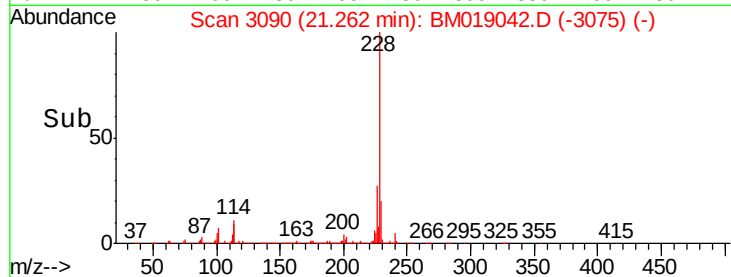
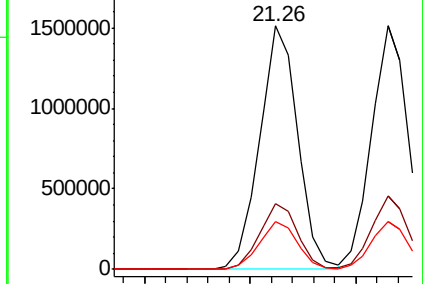
229 19.9 15.9 23.9



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: 18.402 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

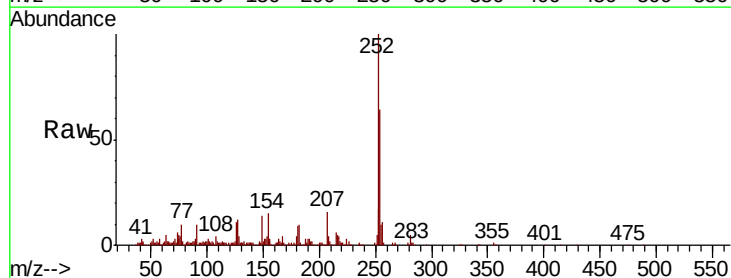
Tgt Ion:252 Resp: 375072

Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

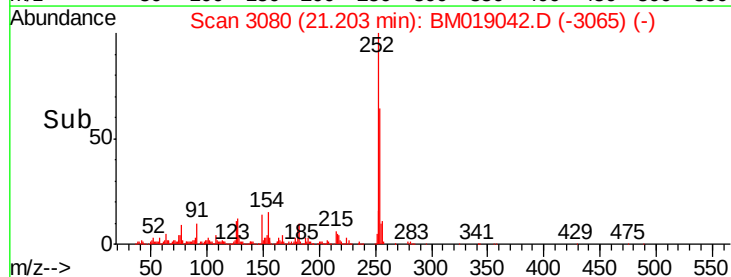
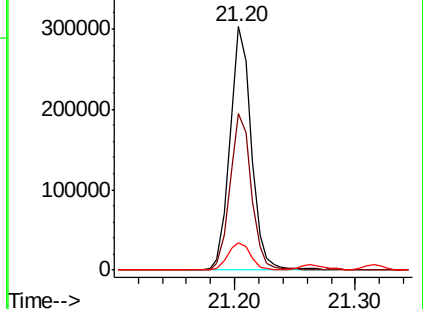
126 11.4 9.1 13.7

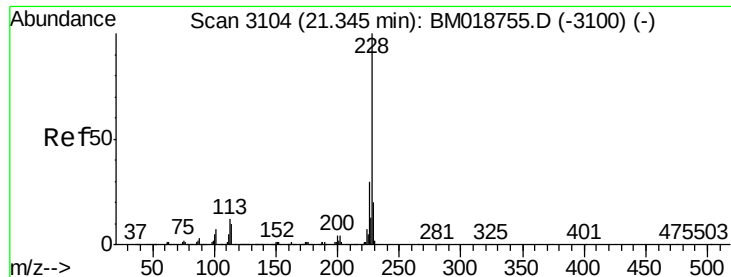


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.948 ng

RT: 21.31 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

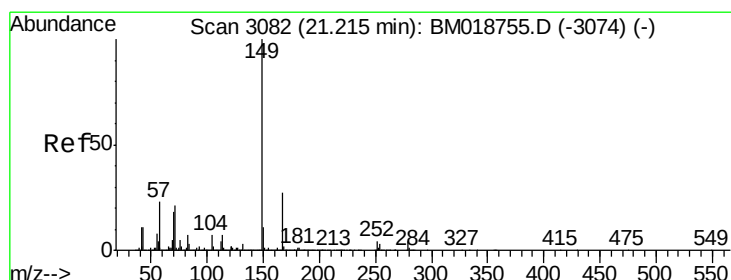
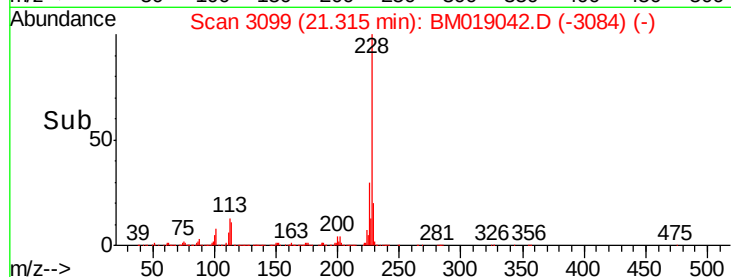
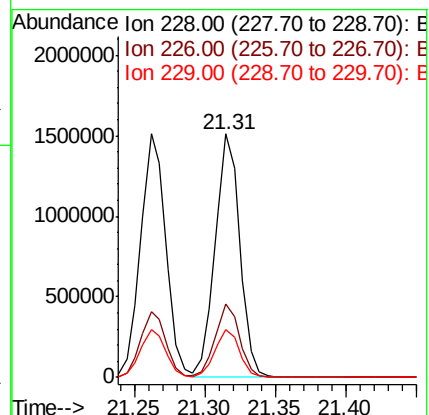
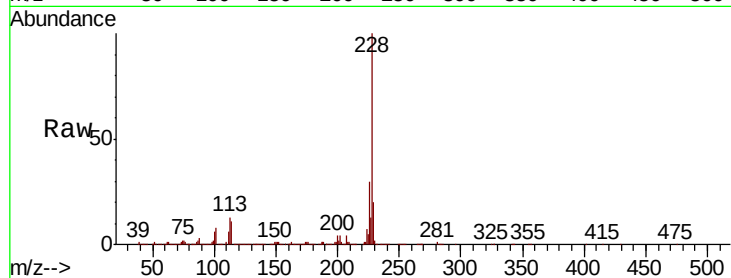
Tgt Ion:228 Resp: 1826443

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.374 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

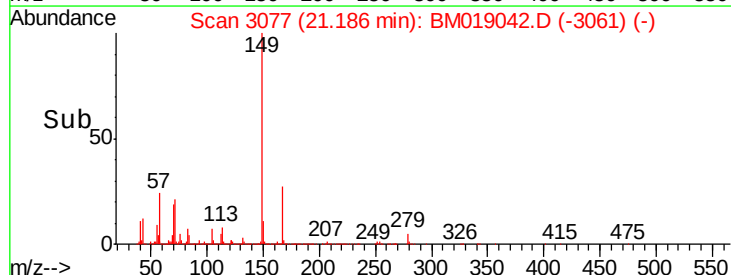
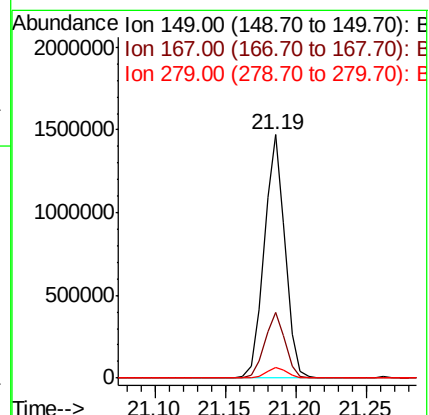
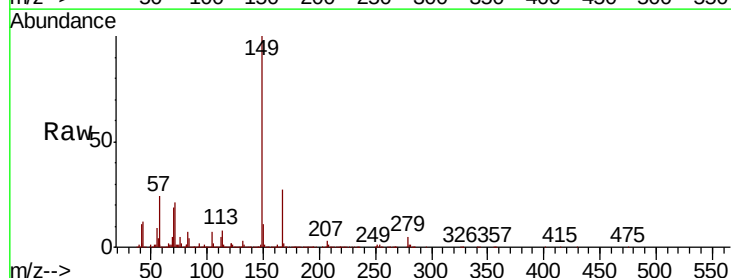
Tgt Ion:149 Resp: 1520915

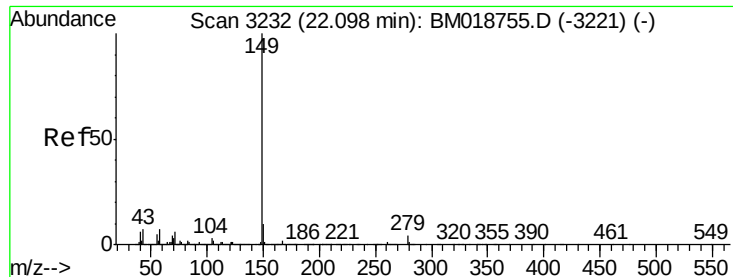
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.922 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

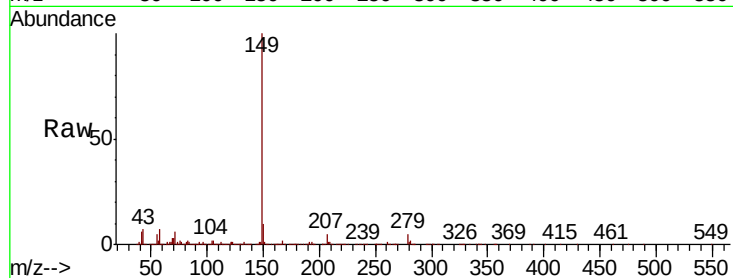
Tgt Ion:149 Resp: 2242160

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

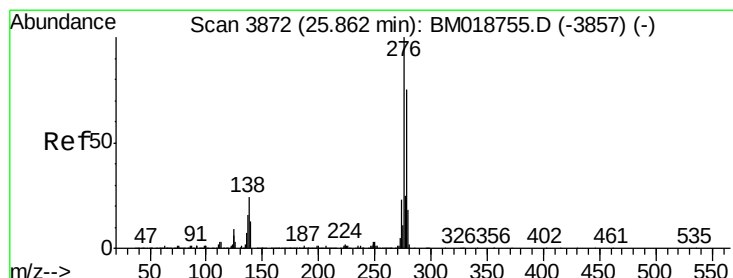
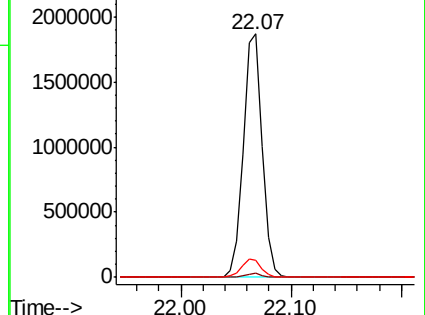
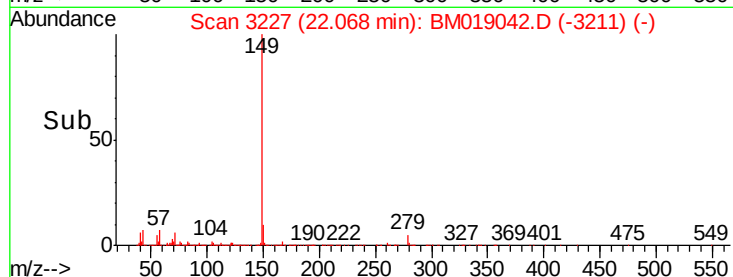
43 7.6 6.0 9.0



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: 41.053 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

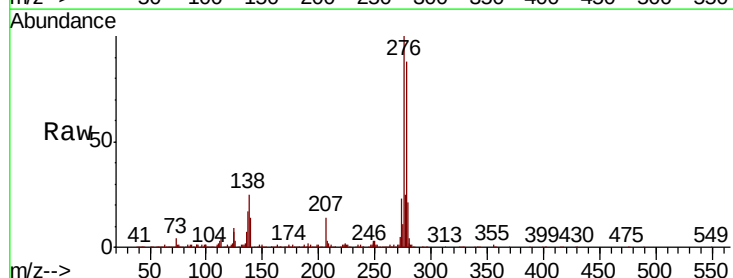
Tgt Ion:276 Resp: 2342977

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

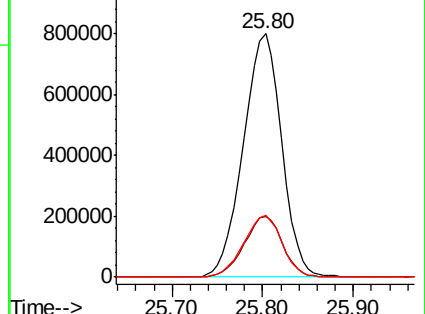
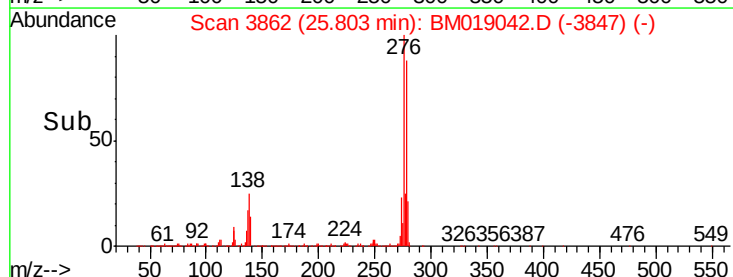
277 25.4 20.3 30.5

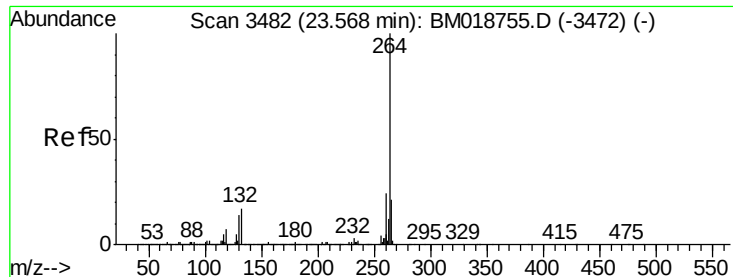


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

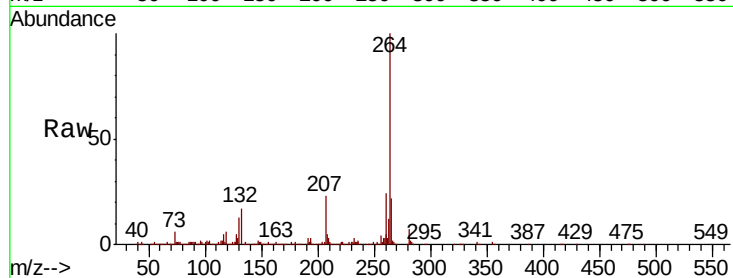
Tgt Ion:264 Resp: 869717

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.7 17.3 25.9

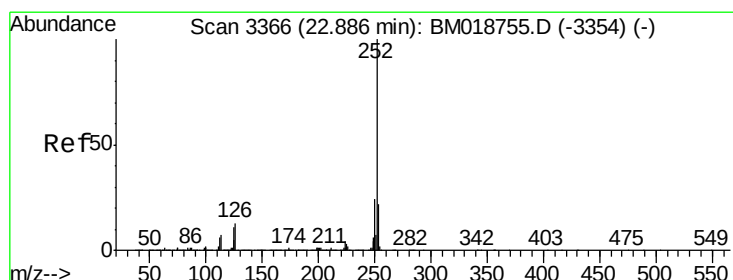
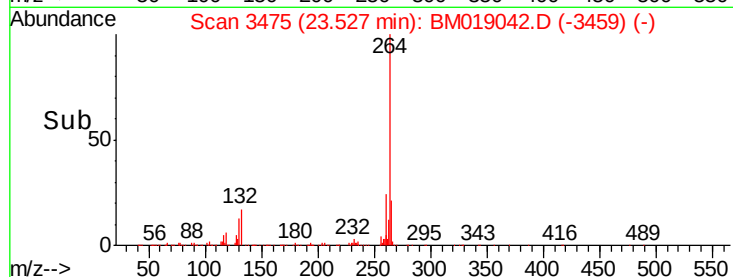
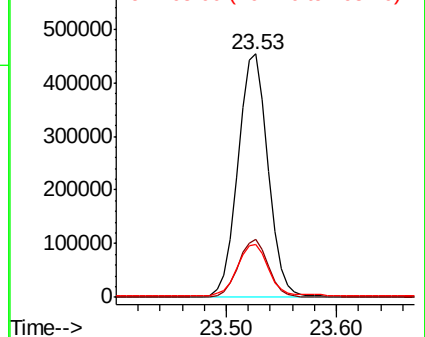


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.596 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

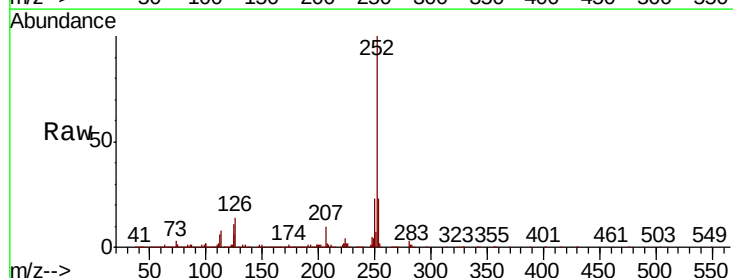
Tgt Ion:252 Resp: 1870767

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.6 8.6 12.8

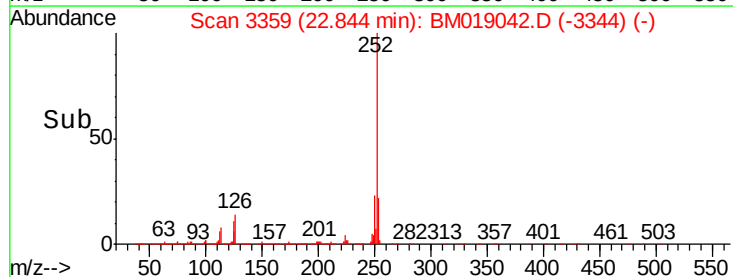
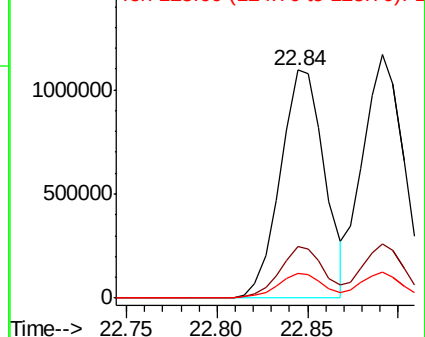


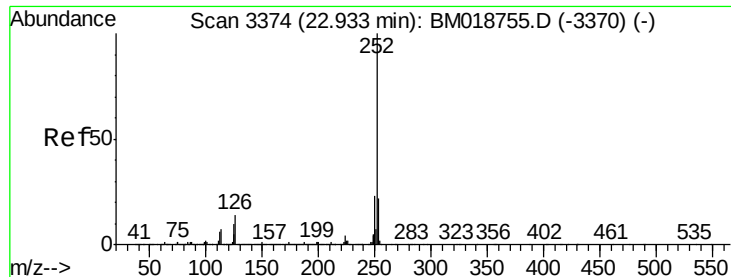
Abundance

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

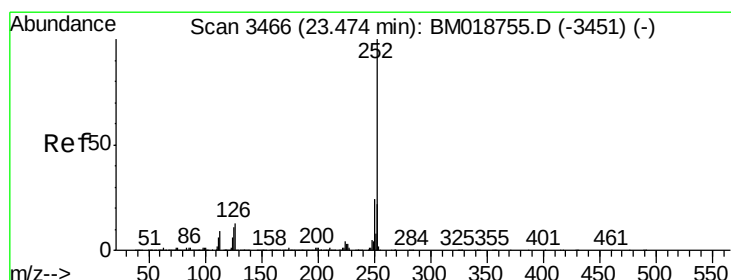
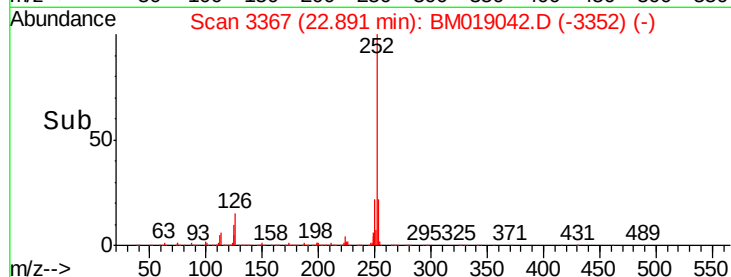
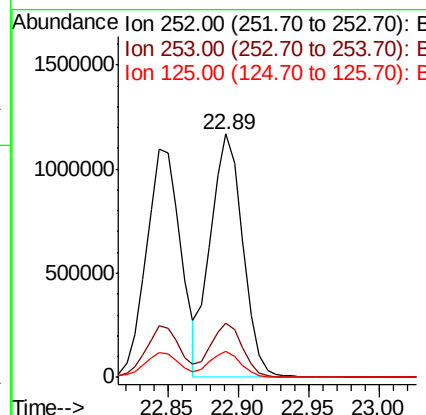
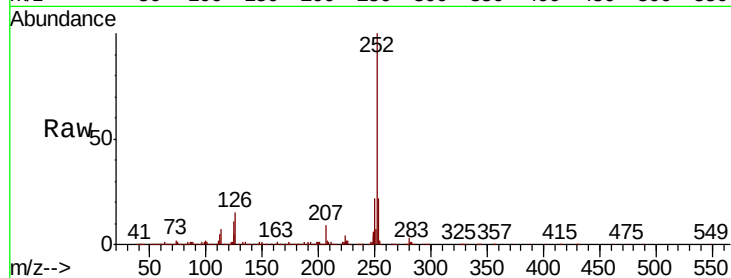




#89
Benzo(k)fluoranthene
Concen: 37.269 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

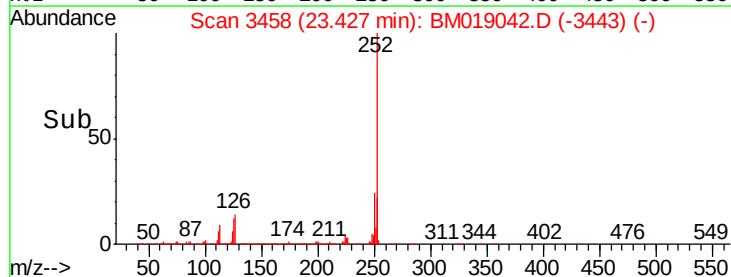
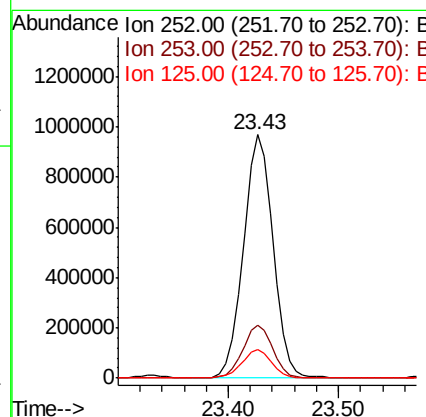
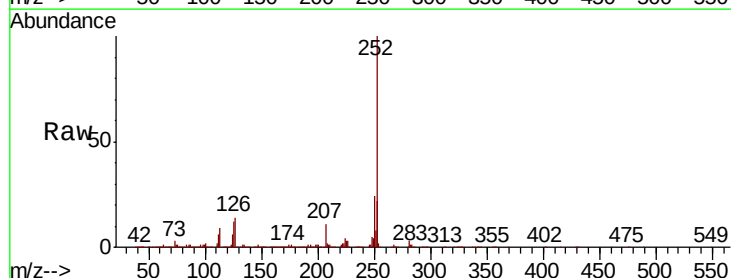
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

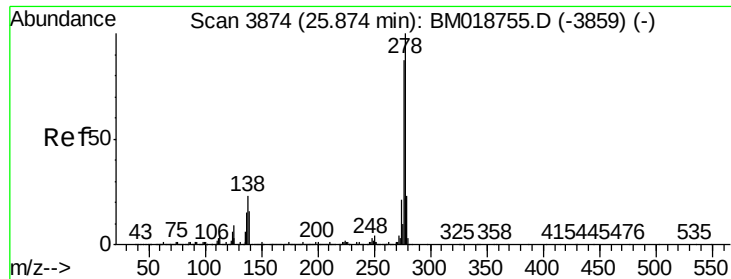
Tgt Ion:252 Resp: 1846285
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 38.595 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019042.D
Acq: 05 Mar 2019 18:27

Tgt Ion:252 Resp: 1819310
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.465 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719MSD

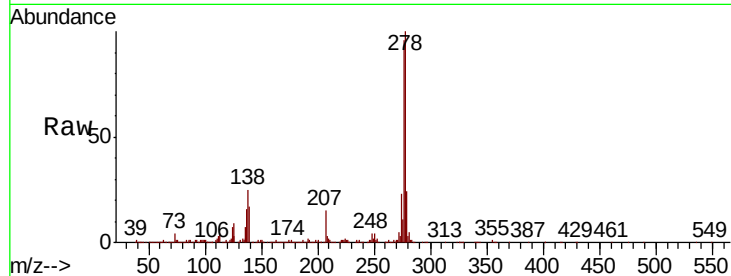
Tgt Ion:278 Resp: 1983206

Ion Ratio Lower Upper

278 100

139 16.6 12.6 18.8

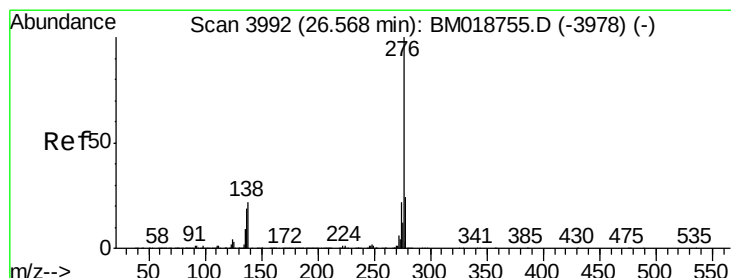
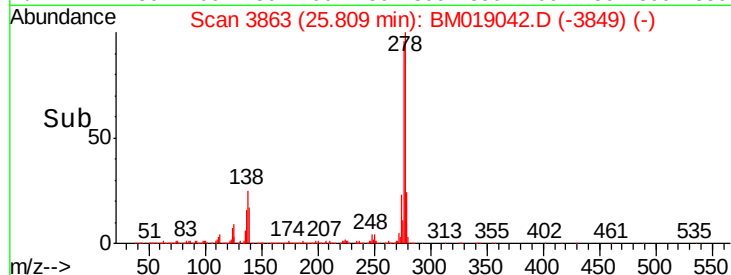
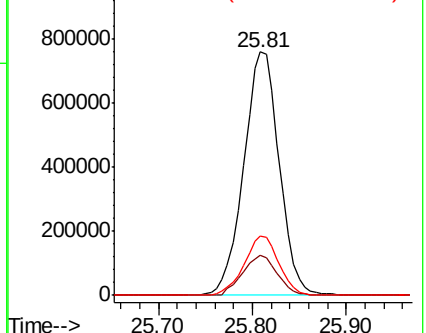
279 24.1 18.6 28.0



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: 44.847 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BM019042.D

Acq: 05 Mar 2019 18:27

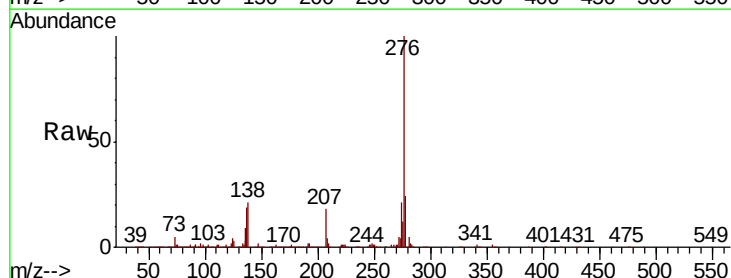
Tgt Ion:276 Resp: 1949886

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.6 17.3 25.9



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

