

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019147.D
 Acq On : 13 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1824-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Quant Time: Mar 14 06:54:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	209878	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	957202	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	613114	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1430894	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1470043	20.00	ng	0.00
87) Perylene-d12	23.50	264	1278123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1788413	138.00	ng	0.00
7) Phenol-d6	6.85	99	2745238	144.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	1675311	82.73	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1278872	141.27	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3534022	74.98	ng	0.00
79) Terphenyl-d14	19.70	244	6311513	85.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	178710	30.998	ng	98
3) Pyridine	3.62	79	293193	18.693	ng	99
4) n-Nitrosodimethylamine	3.54	42	175318	35.954	ng	94
6) Aniline	7.01	93	457951	18.712	ng	100
8) 2-Chlorophenol	7.23	128	656839	42.177	ng	98
9) Benzaldehyde	6.82	77	310502	26.041	ng	97
10) Phenol	6.87	94	1079589	52.845	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	602532	38.651	ng	98
12) 1,3-Dichlorobenzene	7.55	146	602938	36.584	ng	99
13) 1,4-Dichlorobenzene	7.69	146	623694	37.119	ng	99
14) 1,2-Dichlorobenzene	8.00	146	613147	37.507	ng	99
15) Benzyl Alcohol	7.92	79	664437	42.351	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	595076	37.385	ng	99
17) 2-Methylphenol	8.11	107	601787	45.204	ng	99
18) Hexachloroethane	8.72	117	227225	36.394	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	614609	39.520	ng	99
20) 3+4-Methylphenols	8.44	107	832882	46.091	ng	98
22) Acetophenone	8.49	105	993360	37.552	ng	# 99
24) Nitrobenzene	8.87	77	841364	39.951	ng	99
25) Isophorone	9.39	82	1595133	41.282	ng	99
26) 2-Nitrophenol	9.57	139	364087	41.708	ng	99
27) 2,4-Dimethylphenol	9.63	122	656671	50.600	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	934474	40.844	ng	99
29) 2,4-Dichlorophenol	10.10	162	681746	47.432	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	636135	39.251	ng	99
31) Naphthalene	10.49	128	1985546	39.355	ng	100
32) Benzoic acid	9.77	122	175003	15.922	ng	97
33) 4-Chloroaniline	10.63	127	249153	12.047	ng	99
34) Hexachlorobutadiene	10.76	225	338827	36.431	ng	99
35) Caprolactam	11.45	113	106074	20.717	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	834882	47.076	ng	100
37) 2-Methylnaphthalene	12.12	142	1535962	41.895	ng	100
38) 1-Methylnaphthalene	12.33	142	1481772	41.005	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	731501	37.717	ng	99

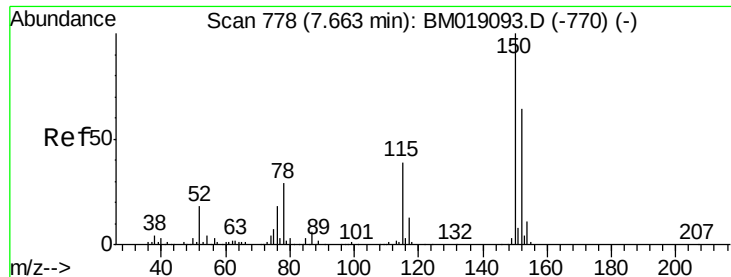
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019147.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	764323	87.004	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	576359	45.986	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	617784	46.095	ng	98
46) 1,1'-Biphenyl	13.14	154	2060609	38.484	ng	99
47) 2-Chloronaphthalene	13.19	162	1589246	39.764	ng	99
48) 2-Nitroaniline	13.41	65	599472	44.724	ng	99
49) Acenaphthylene	14.04	152	2658747	39.343	ng	100
50) Dimethylphthalate	13.79	163	2662100	50.756	ng	99
51) 2,6-Dinitrotoluene	13.92	165	491147	43.319	ng	96
52) Acenaphthene	14.38	154	1544075	39.764	ng	99
53) 3-Nitroaniline	14.25	138	280845	23.388	ng	95
54) 2,4-Dinitrophenol	14.46	184	454051	68.958	ng	99
55) Dibenzofuran	14.72	168	2537971	40.528	ng	100
56) 4-Nitrophenol	14.57	139	862006	87.920	ng	98
57) 2,4-Dinitrotoluene	14.70	165	709180	43.090	ng	98
58) Fluorene	15.37	166	2109168	40.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567915	45.517	ng	100
60) Diethylphthalate	15.15	149	2277224	42.870	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1041456	41.542	ng	100
62) 4-Nitroaniline	15.43	138	490924	40.566	ng	99
63) Azobenzene	15.66	77	2350261	42.046	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	350066	37.334	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1879724	41.263	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	629990	39.925	ng	96
68) Hexachlorobenzene	16.36	284	747628	39.853	ng	98
69) Atrazine	16.55	200	678881	44.271	ng	100
70) Pentachlorophenol	16.72	266	927682	82.078	ng	99
71) Phenanthrene	17.11	178	3317941	39.561	ng	100
72) Anthracene	17.20	178	3392657	41.321	ng	100
73) Carbazole	17.49	167	3199297	41.285	ng	99
74) Di-n-butylphthalate	18.04	149	3978434	42.455	ng	100
75) Fluoranthene	19.13	202	3827935	39.776	ng	99
77) Benzidine	19.34	184	486774	11.676	ng	99
78) Pyrene	19.50	202	3887954	41.801	ng	99
80) Butylbenzylphthalate	20.40	149	1882352	46.464	ng	99
81) Benzo(a)anthracene	21.25	228	3591403	38.942	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	825504	23.235	ng	100
83) Chrysene	21.30	228	3477182	38.972	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2818129	47.815	ng	98
85) Di-n-octyl phthalate	22.05	149	4668789	47.043	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3424311	35.653	ng	100
88) Benzo(b)fluoranthene	22.83	252	3346496	40.407	ng	99
89) Benzo(k)fluoranthene	22.88	252	3411223	44.781	ng	99
90) Benzo(a)pyrene	23.41	252	3144615	42.251	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2930305	41.158	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2692087	41.185	ng	99

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

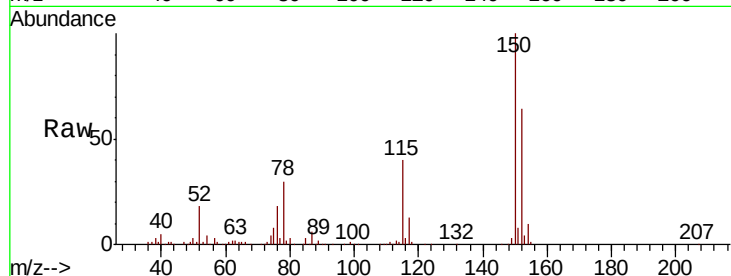


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	62.3	49.4	74.0

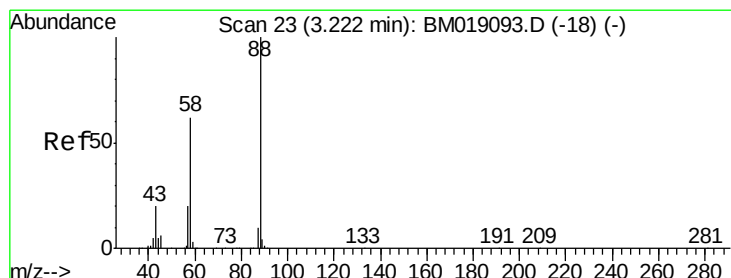
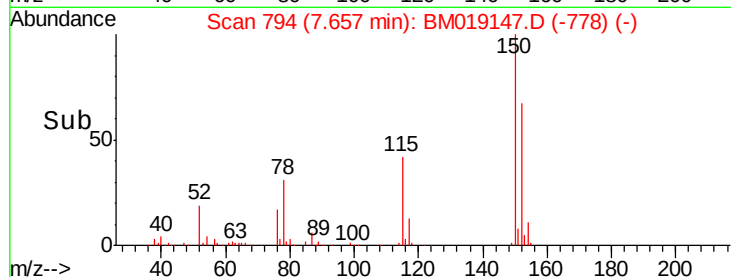
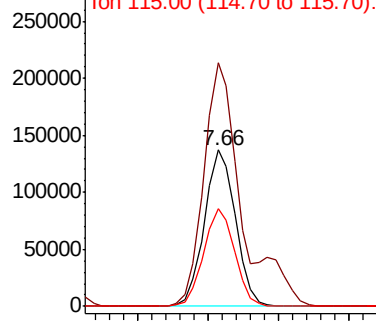


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

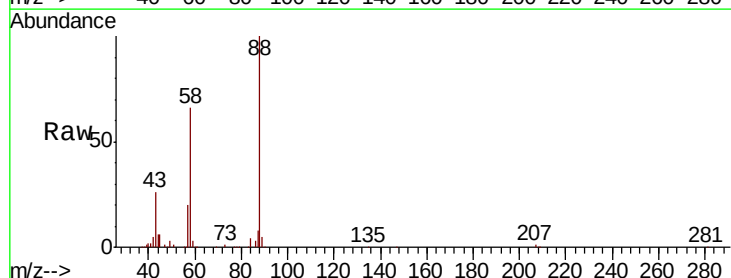
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.998 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	50.0	75.0
43	22.0	17.0	25.4

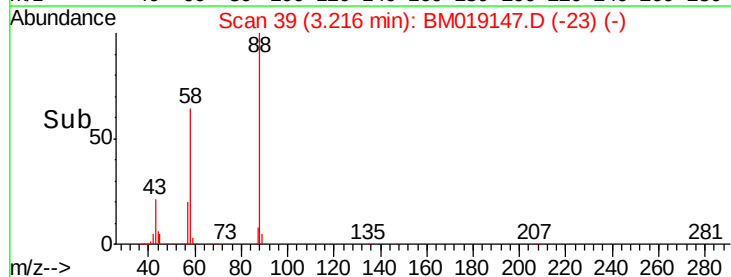
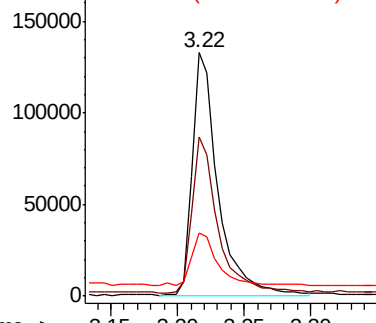


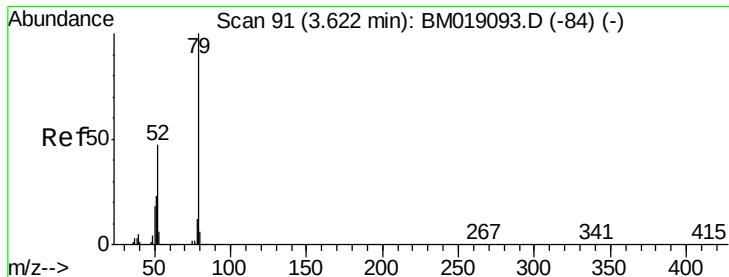
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 18.693 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

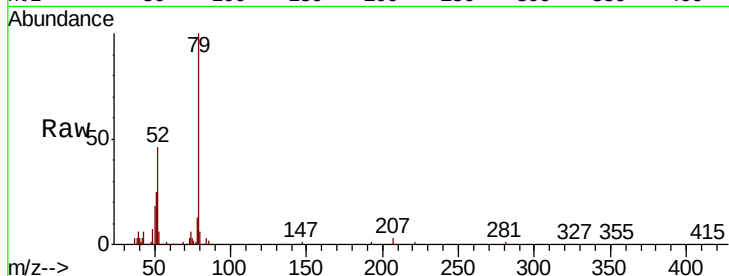
Tot Ion: 79 Resp: 293193

Ion Ratio Lower Upper

79 100

52 46.1 37.5 56.3

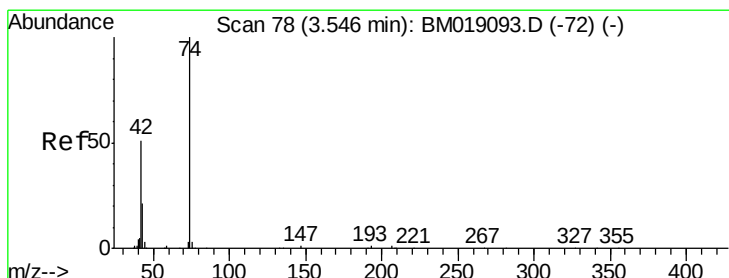
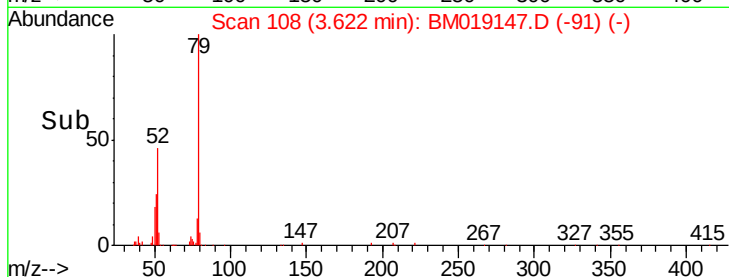
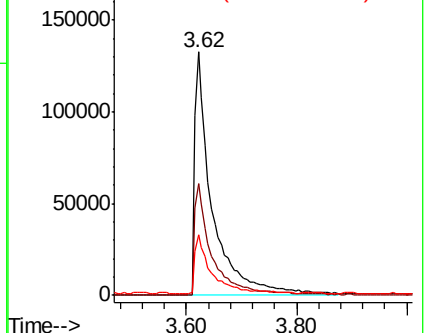
51 24.7 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 35.954 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

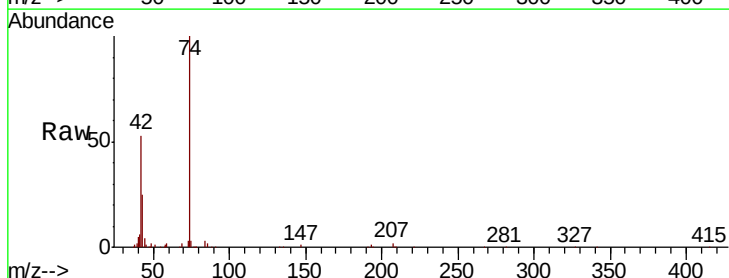
Tgt Ion: 42 Resp: 175318

Ion Ratio Lower Upper

42 100

74 187.0 156.3 234.5

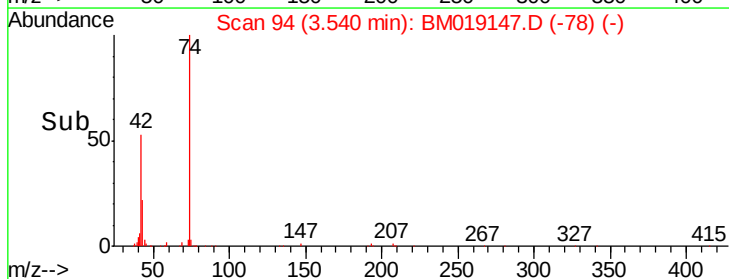
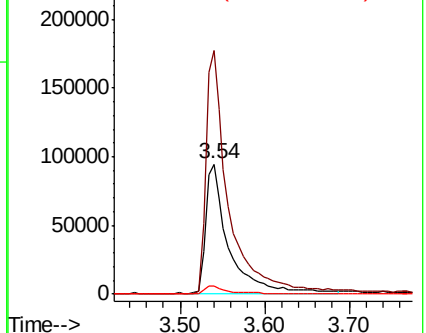
44 6.6 4.6 7.0

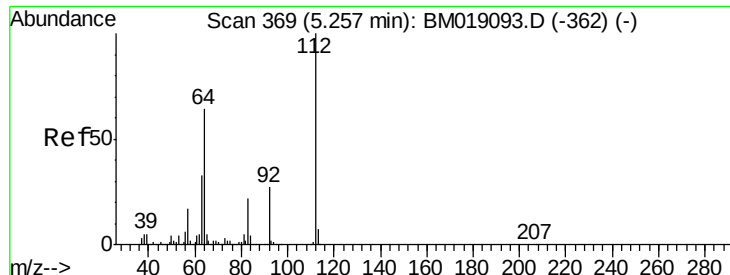


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 137.999 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

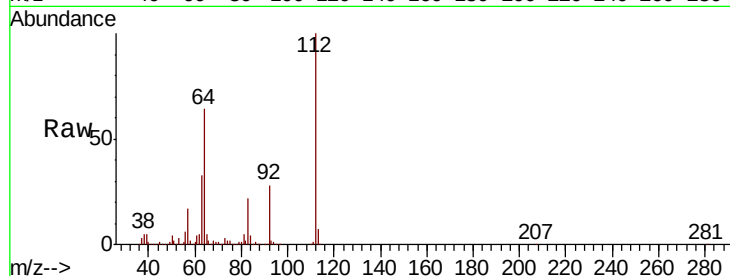
Tot Ion:112 Resp: 1788413

Ion Ratio Lower Upper

112 100

64 64.3 51.4 77.0

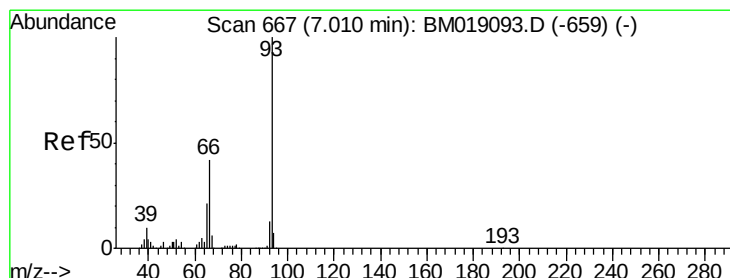
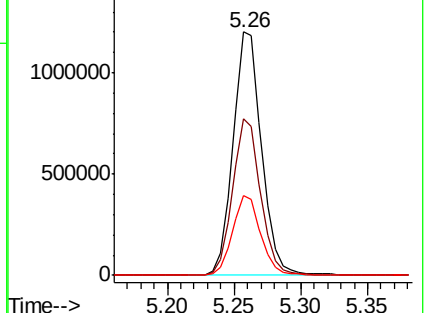
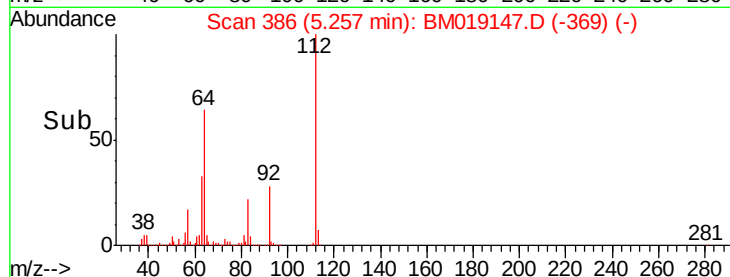
63 32.7 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 18.712 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

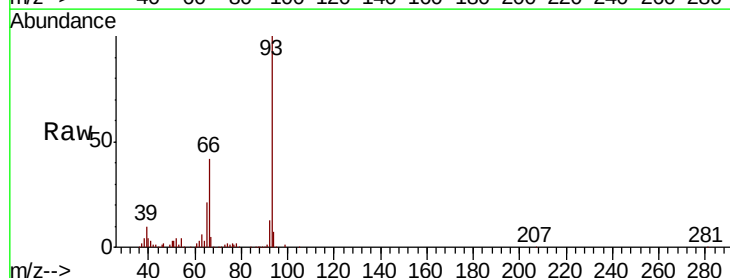
Tgt Ion: 93 Resp: 457951

Ion Ratio Lower Upper

93 100

66 41.5 33.4 50.2

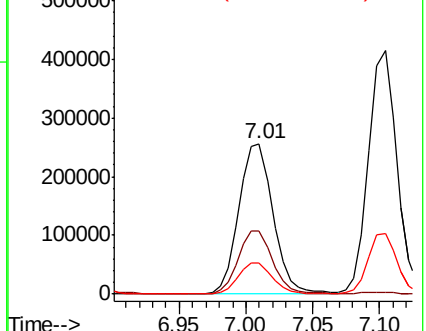
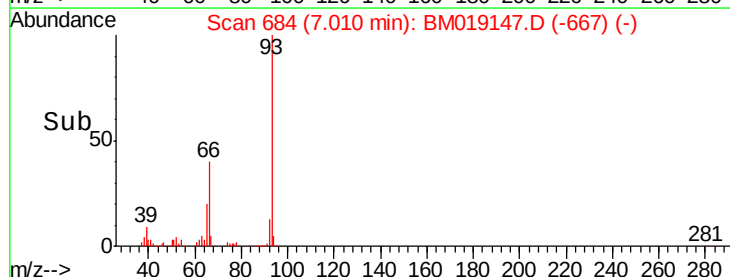
65 20.7 16.8 25.2

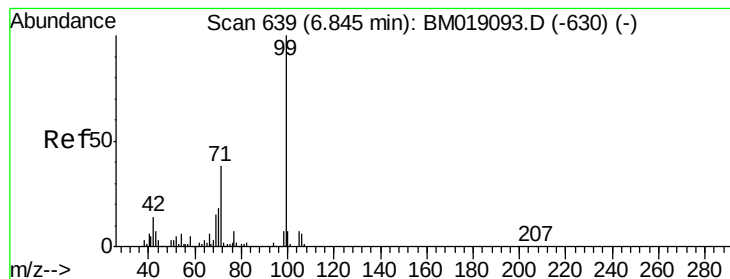


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 144.821 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

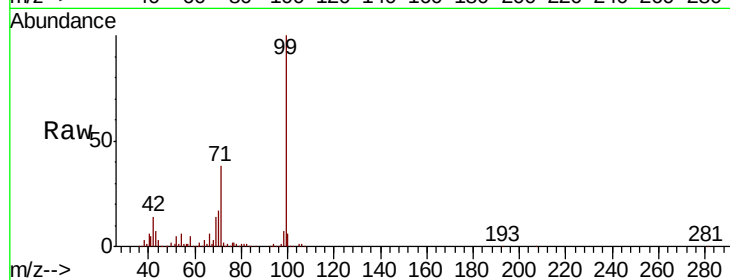
Tot Ion: 99 Resp: 2745238

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

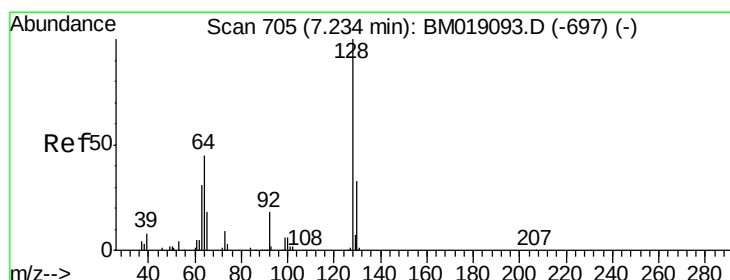
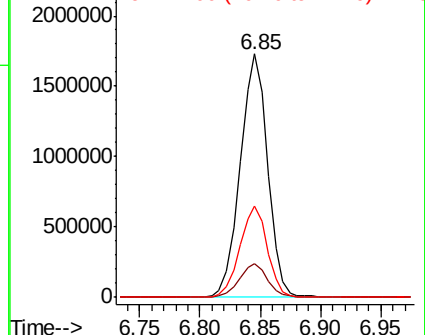
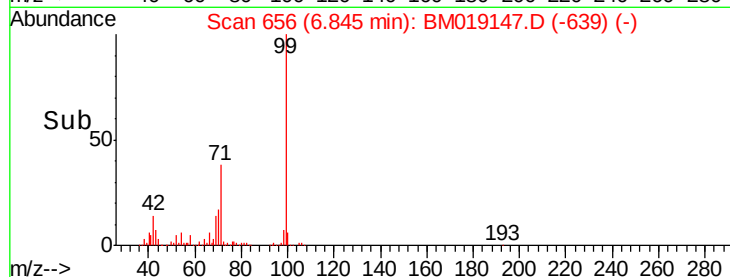
71 37.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019147.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019147.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019147.D (-639) (-)



#8

2-Chlorophenol

Concen: 42.177 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

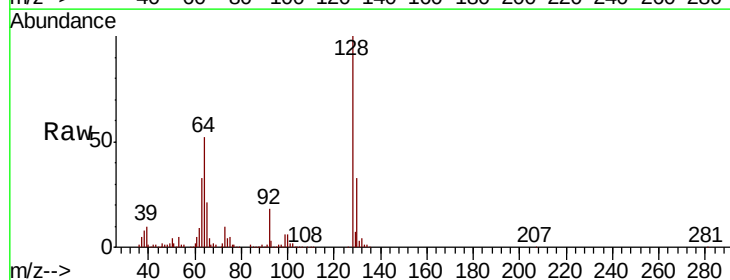
Tgt Ion: 128 Resp: 656839

Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

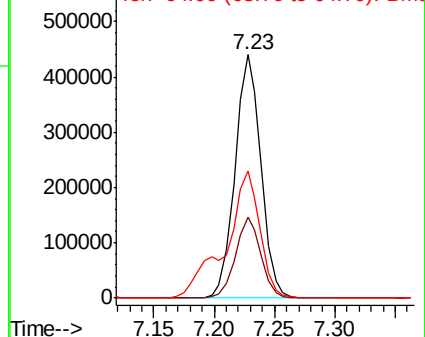
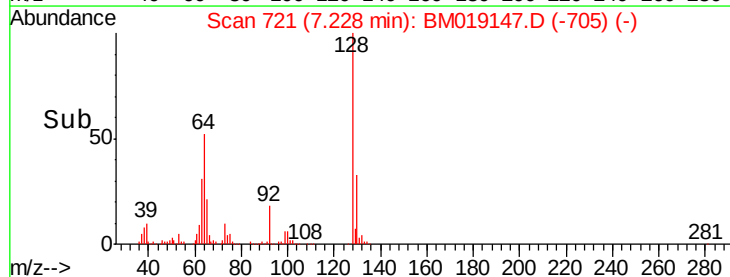
64 52.4 30.8 70.8

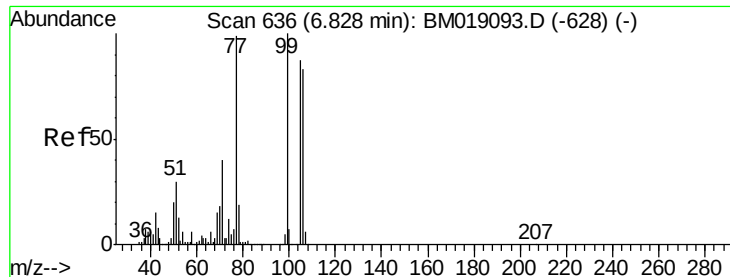


Abundance Ion 128.00 (127.70 to 128.70): BM019147.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019147.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019147.D (-705) (-)





#9

Benzaldehyde

Concen: 26.041 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

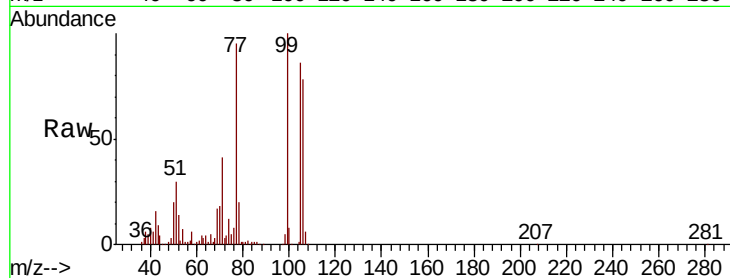
Tot Ion: 77 Resp: 310502

Ion Ratio Lower Upper

77 100

105 90.5 67.7 107.7

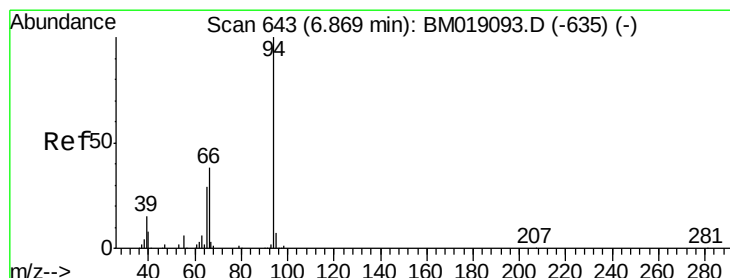
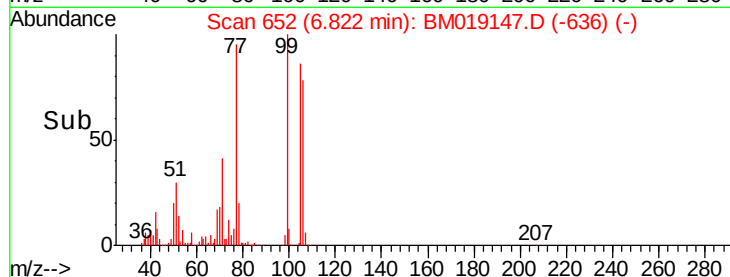
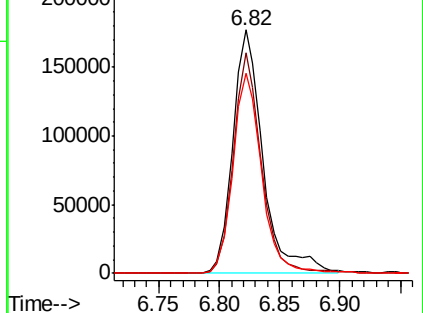
106 82.2 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019147.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019147.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019147.D (-636) (-)



#10

Phenol

Concen: 52.845 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

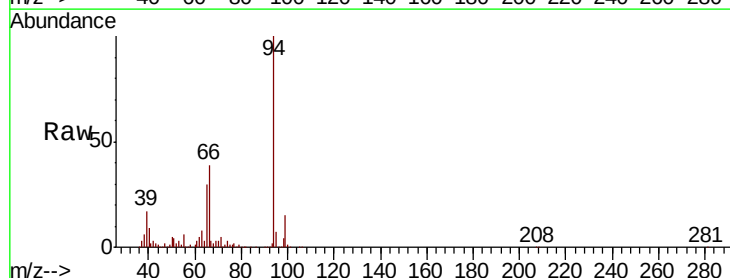
Tgt Ion: 94 Resp: 1079589

Ion Ratio Lower Upper

94 100

65 29.9 9.7 49.7

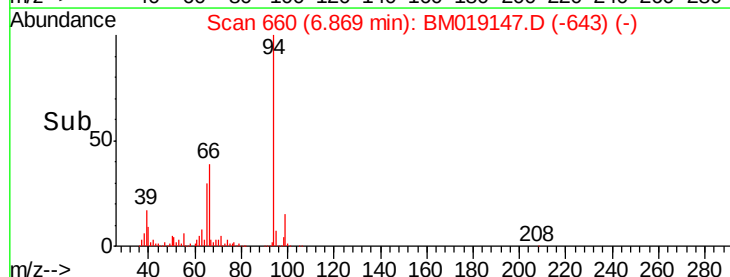
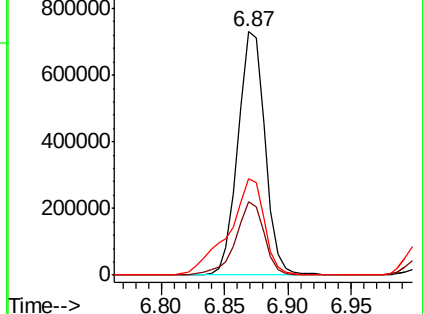
66 39.4 19.2 59.2

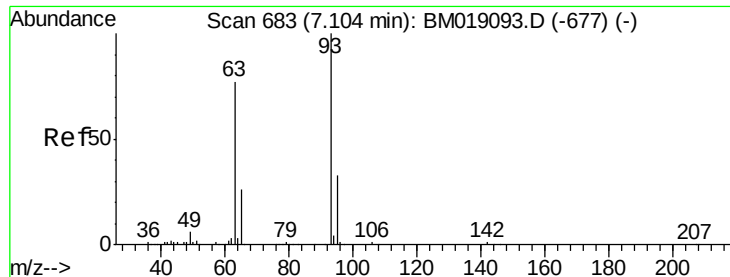


Abundance Ion 94.00 (93.70 to 94.70): BM019147.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019147.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019147.D (-643) (-)

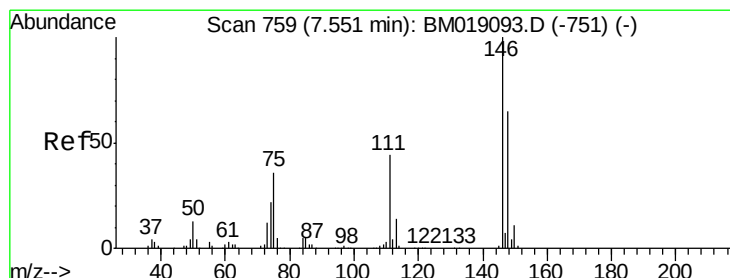
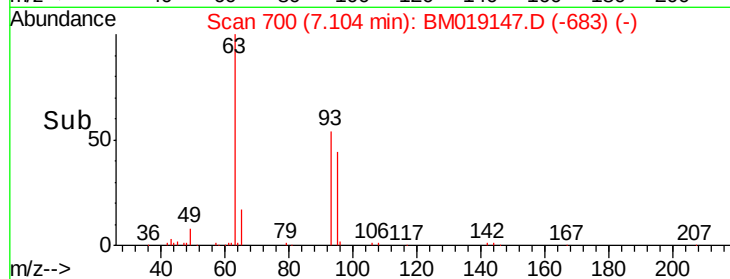
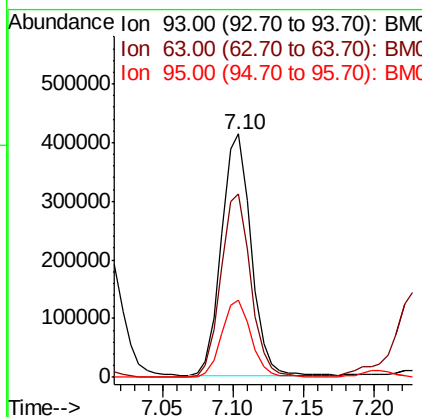
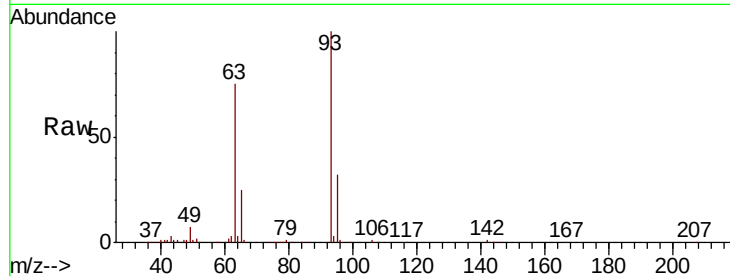




#11
bis(2-Chloroethyl)ether
Concen: 38.651 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

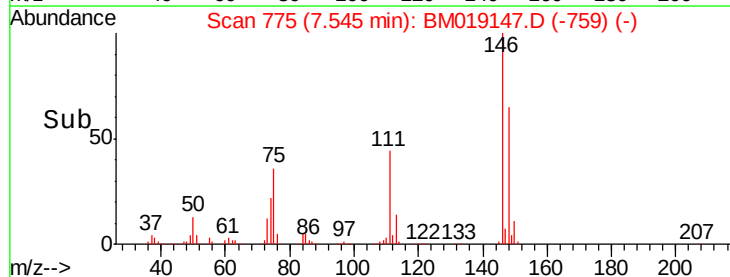
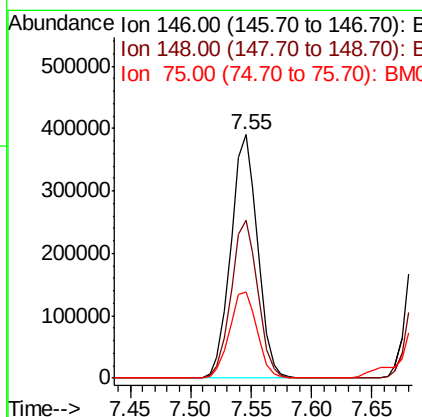
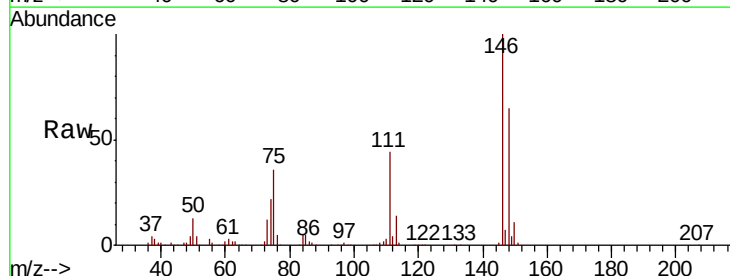
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

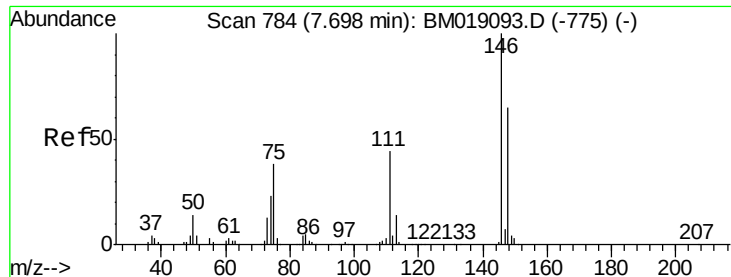
Tot Ion: 93 Resp: 602532
Ion Ratio Lower Upper
93 100
63 75.3 56.6 96.6
95 31.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.584 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion: 146 Resp: 602938
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 35.6 29.1 43.7

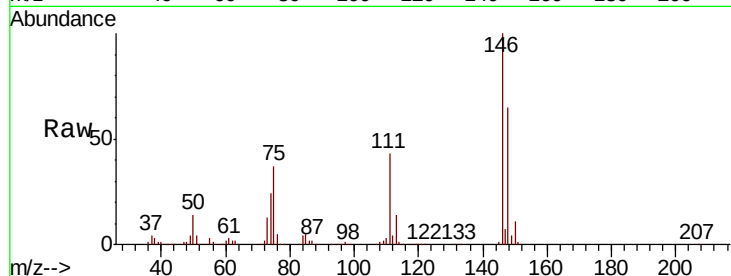




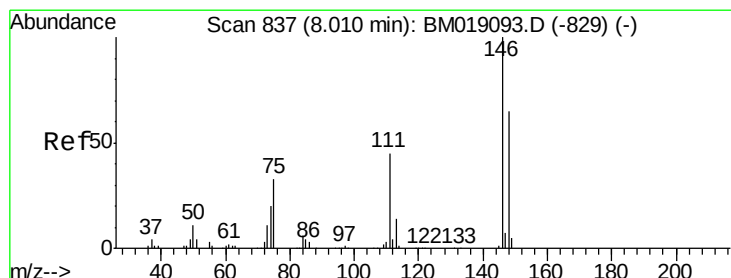
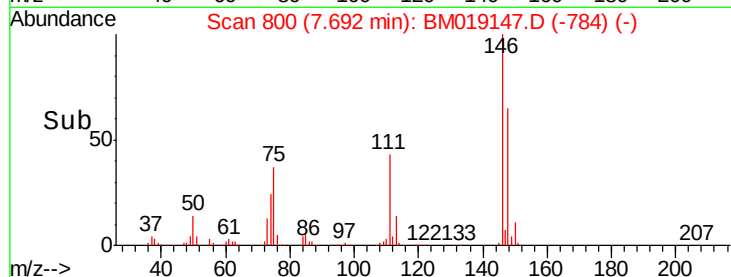
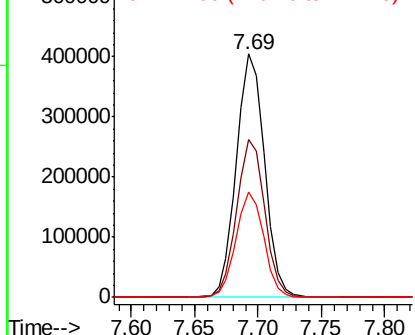
#13
1,4-Dichlorobenzene
Concen: 37.119 ng
RT: 7.69 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampled :
TP-24MSD

Tot Ion:146 Resp: 623694
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 43.3 35.4 53.0

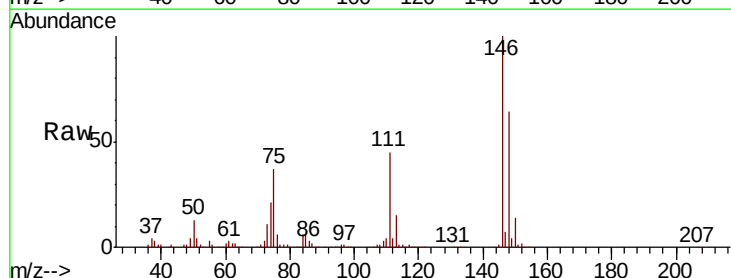


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

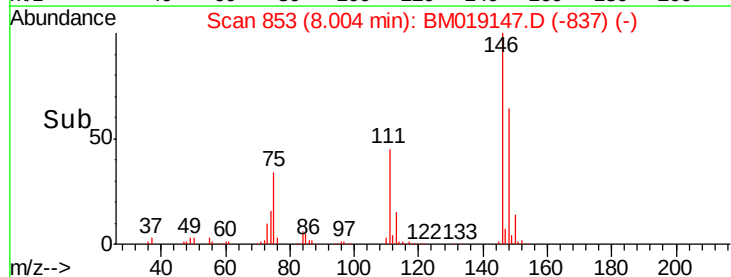
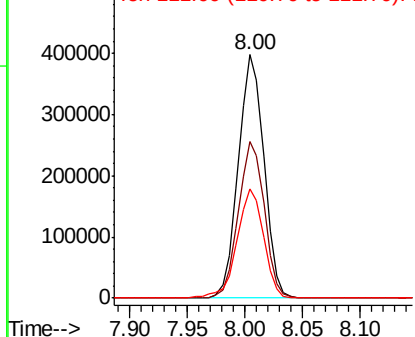


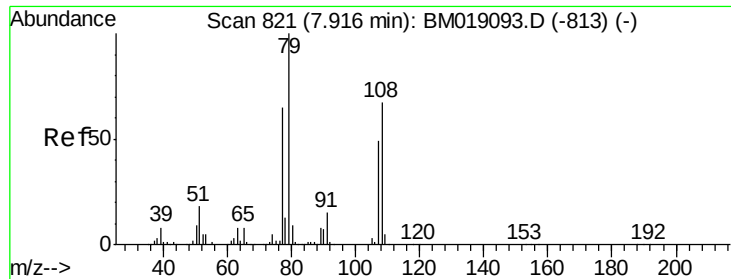
#14
1,2-Dichlorobenzene
Concen: 37.507 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:146 Resp: 613147
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 44.9 36.2 54.4



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: 42.351 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampled :

TP-24MSD

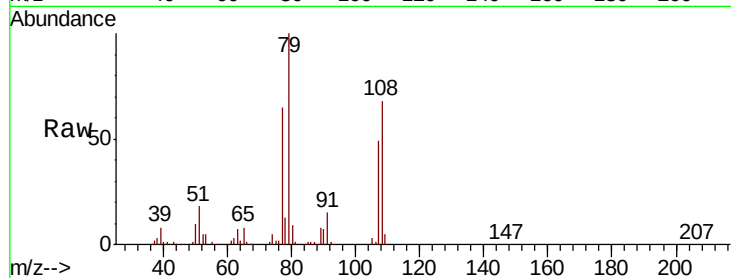
Tot Ion: 79 Resp: 664437

Ion Ratio Lower Upper

79 100

108 67.7 53.7 80.5

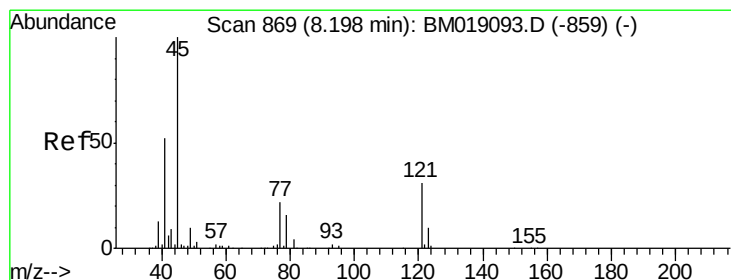
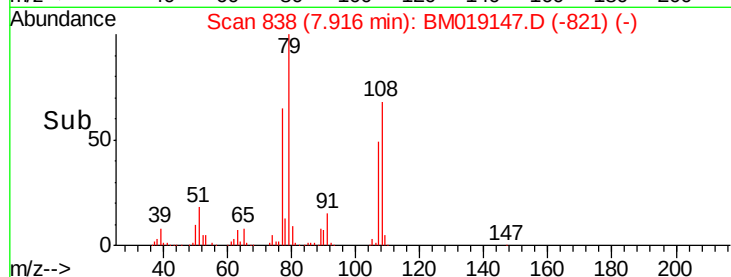
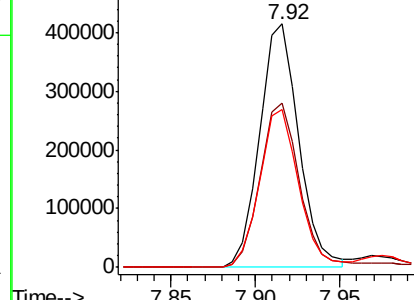
77 65.1 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.385 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

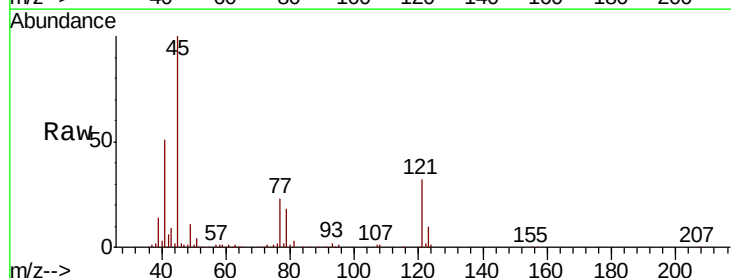
Tgt Ion: 45 Resp: 595076

Ion Ratio Lower Upper

45 100

77 23.4 4.1 44.1

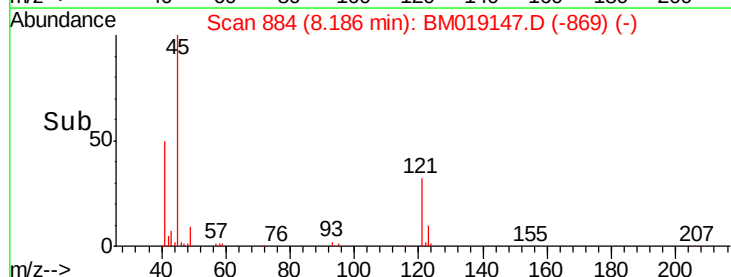
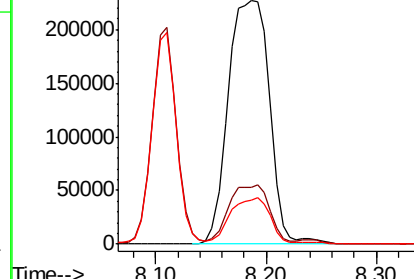
79 18.1 0.0 38.1

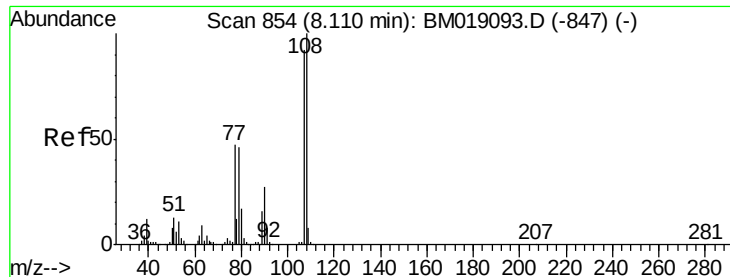


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)





#17

2-Methylphenol

Concen: 45.204 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:107 Resp: 601787

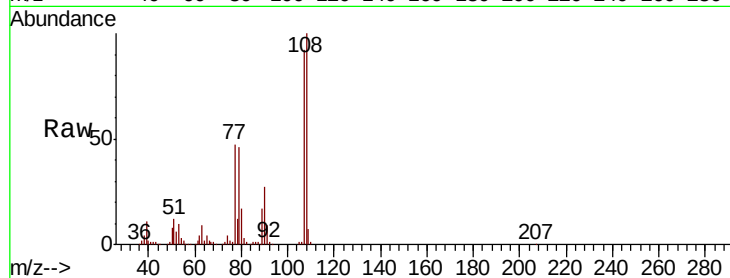
Ion Ratio Lower Upper

107 100

108 108.7 87.4 131.2

77 51.5 41.6 62.4

79 50.3 40.6 60.8

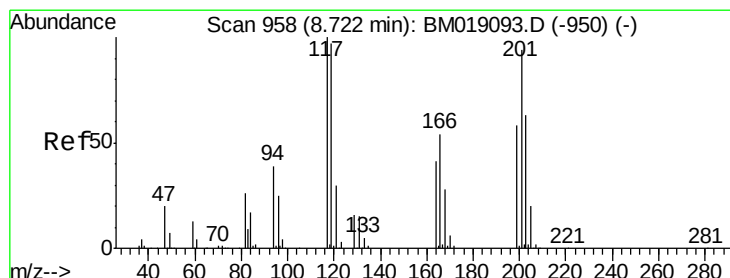
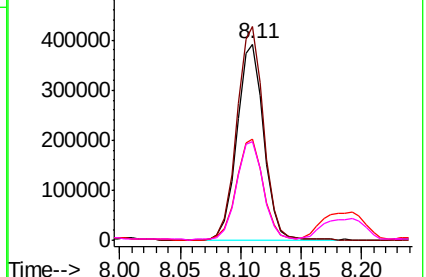
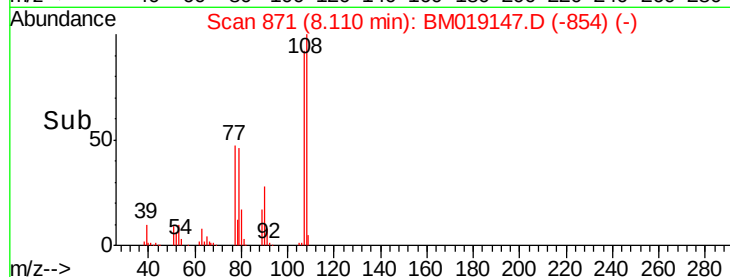


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 36.394 ng

RT: 8.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

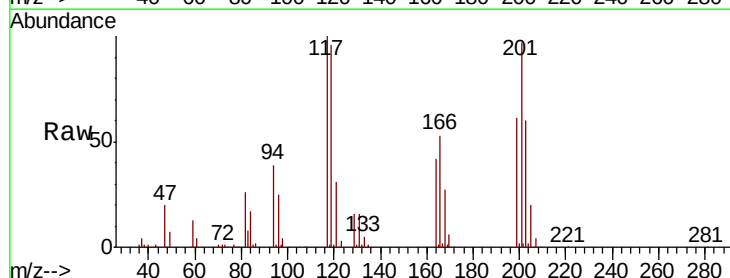
Tgt Ion:117 Resp: 227225

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2

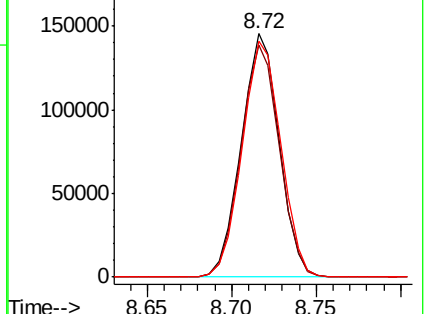
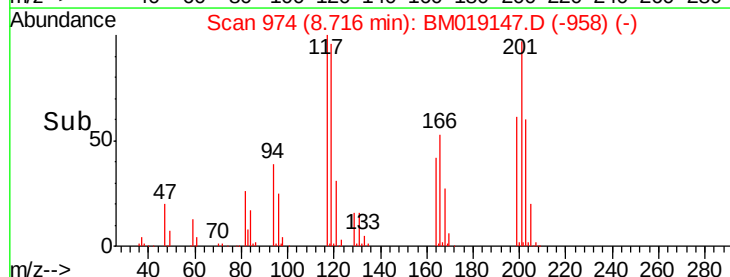
201 96.7 75.2 112.8

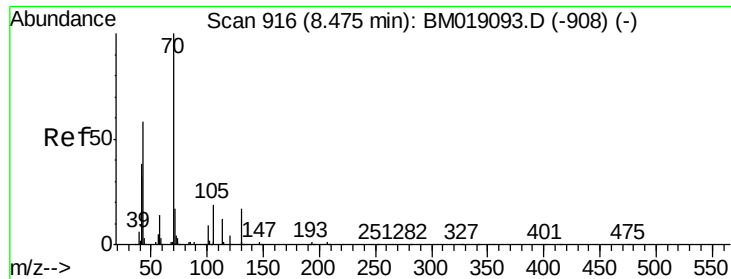


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

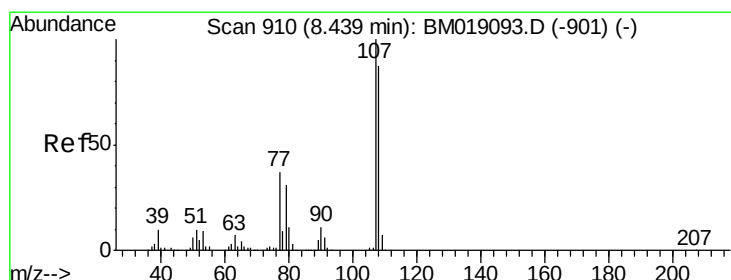
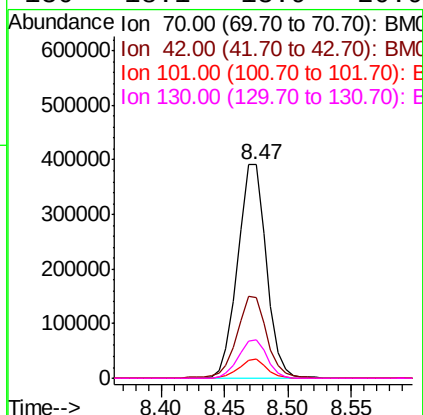
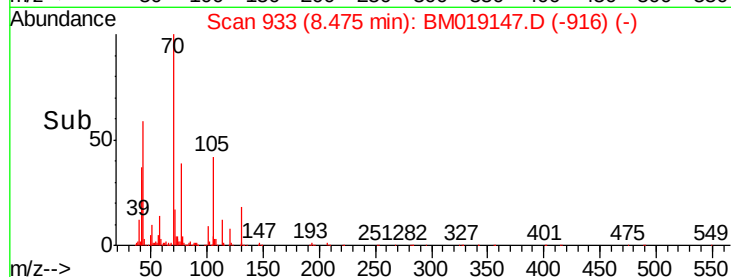
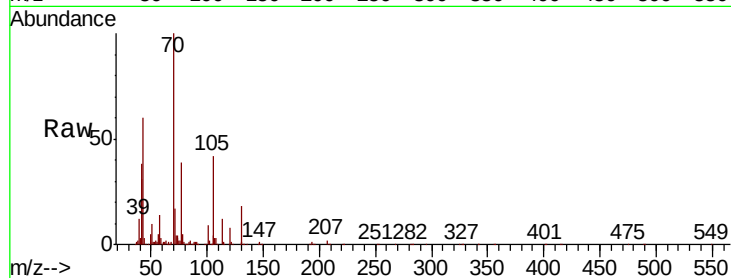




#19
n-Nitroso-di-n-propylamine
Concen: 39.520 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

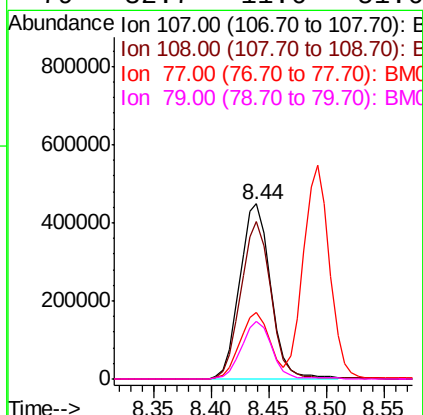
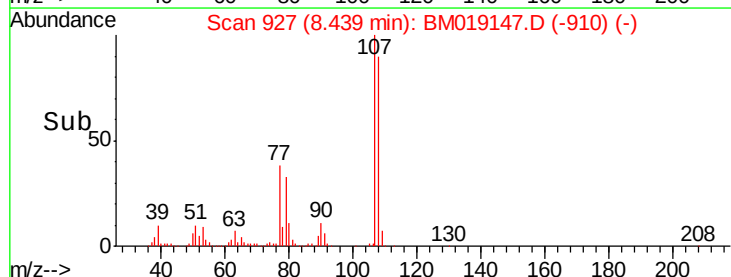
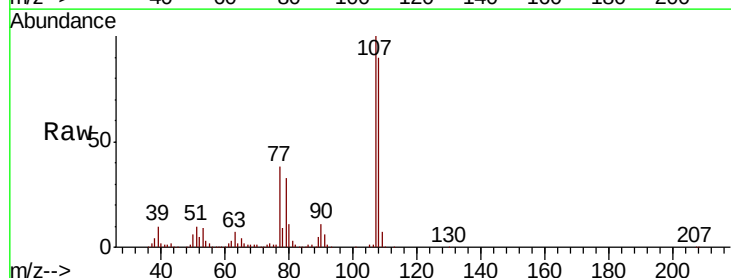
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

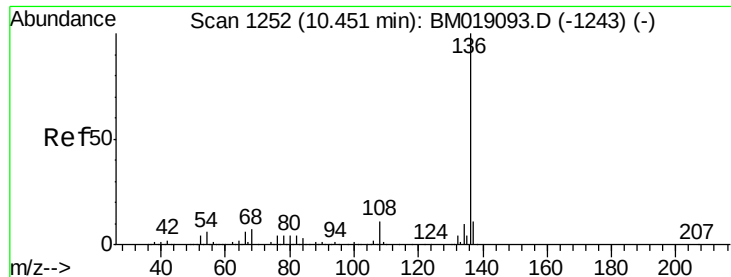
Tot Ion:	70	Resp:	614609
Ion	Ratio	Lower	Upper
70	100		
42	37.6	30.6	45.8
101	8.9	6.8	10.2
130	18.1	13.9	20.9



#20
3+4-Methylphenols
Concen: 46.091 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:	107	Resp:	832882
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.0	107.0
77	38.1	17.3	57.3
79	32.7	11.6	51.6

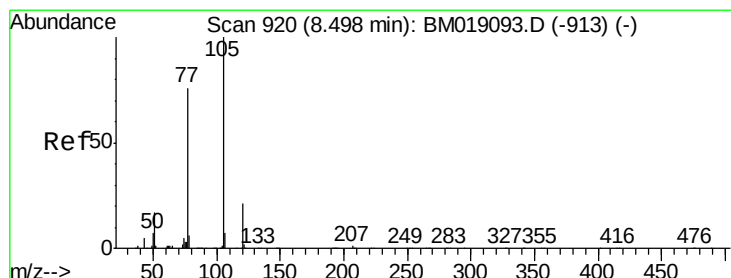
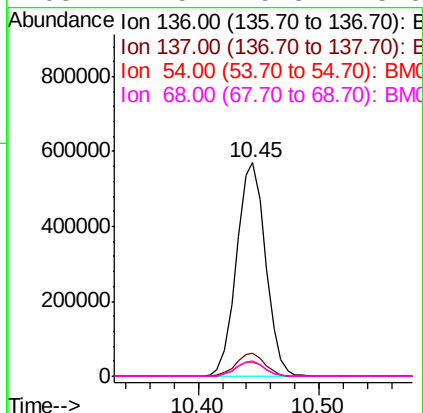
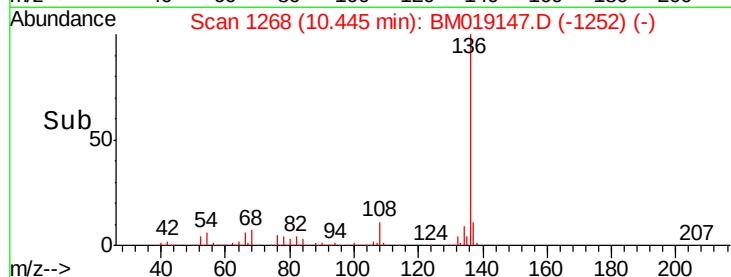
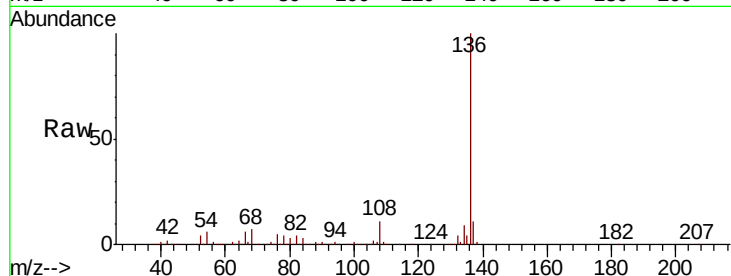




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

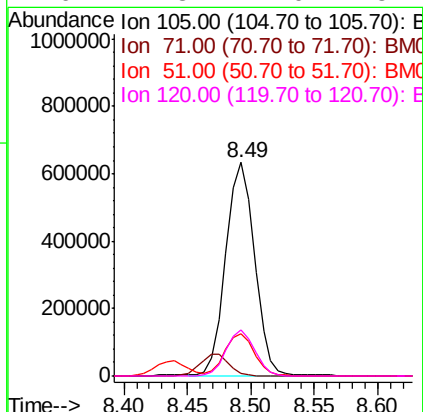
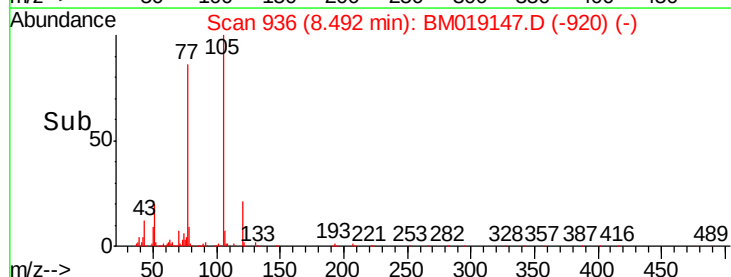
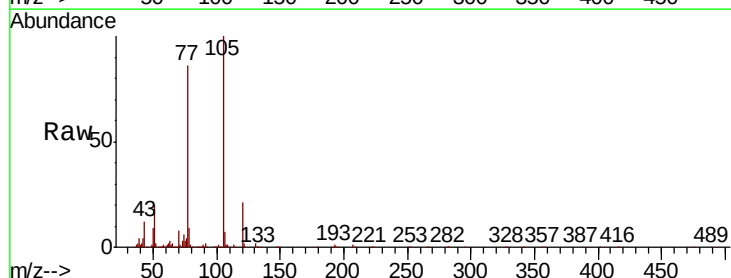
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

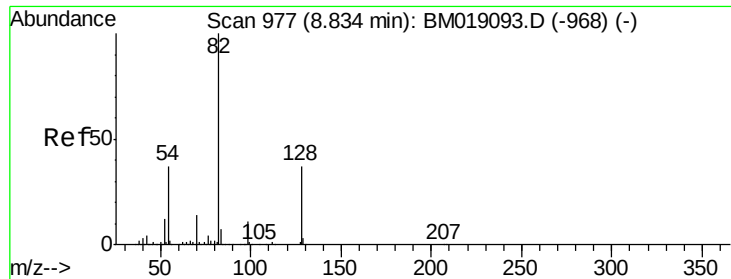
Tot Ion:136	Resp:	957202	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	13.0	
54 6.5	5.2	7.8	
68 7.5	5.8	8.8	



#22
Acetophenone
Concen: 37.552 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt	Ion:105	Resp:	993360
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	20.1	15.8	23.6
120	21.3	17.0	25.4

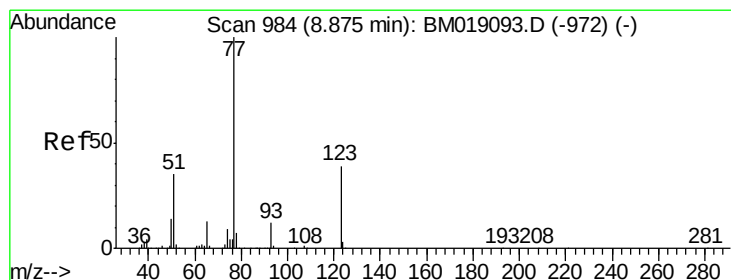
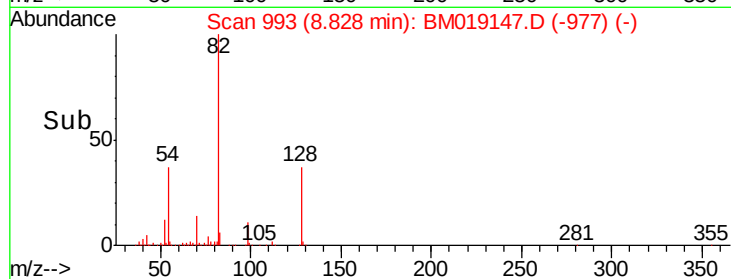
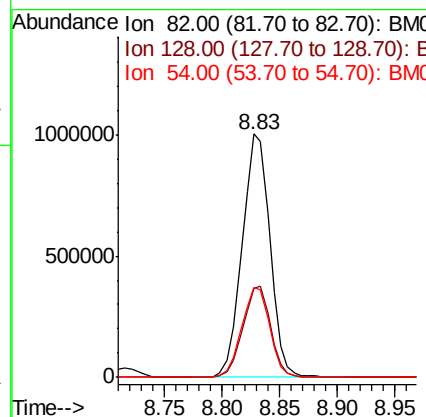
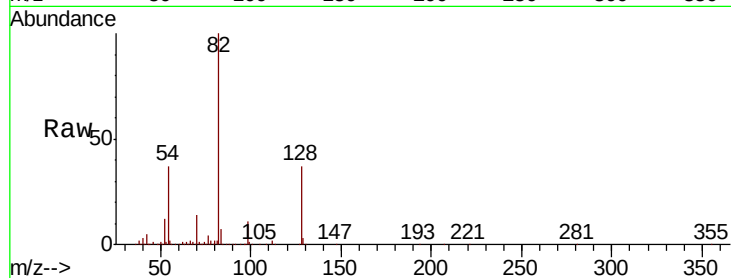




#23
 Nitrobenzene-d5
 Concen: 82.733 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

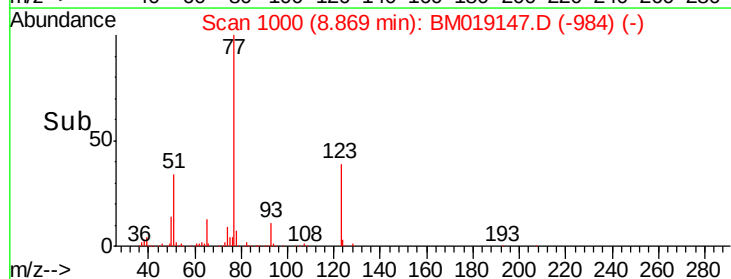
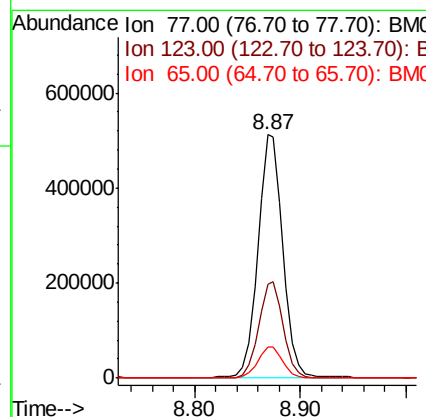
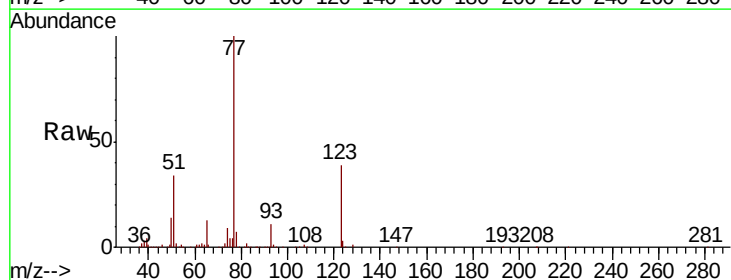
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

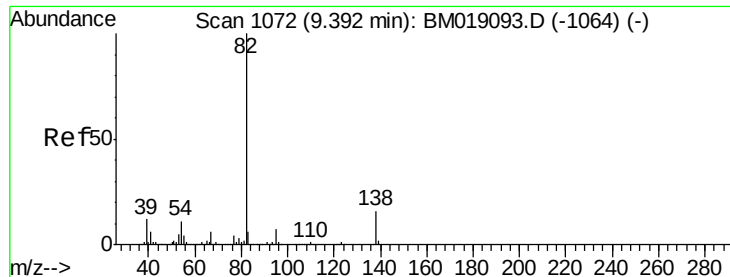
Tot Ion: 82 Resp: 1675311
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.4 44.2
 54 37.1 29.9 44.9



#24
 Nitrobenzene
 Concen: 39.951 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion: 77 Resp: 841364
 Ion Ratio Lower Upper
 77 100
 123 38.5 31.3 46.9
 65 12.8 10.5 15.7





#25

Isophorone

Concen: 41.282 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

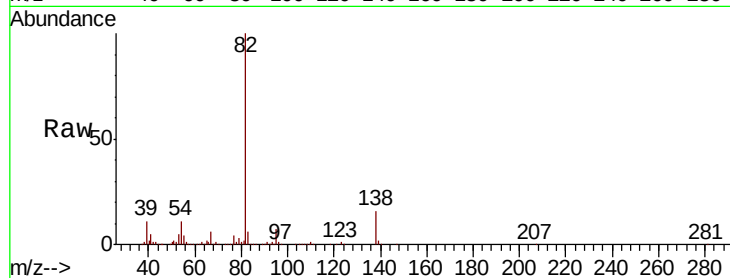
Tot Ion: 82 Resp: 1595133

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

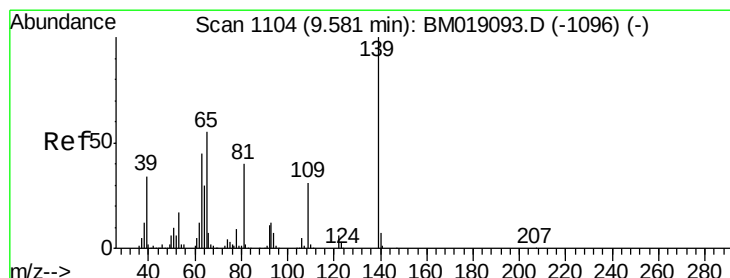
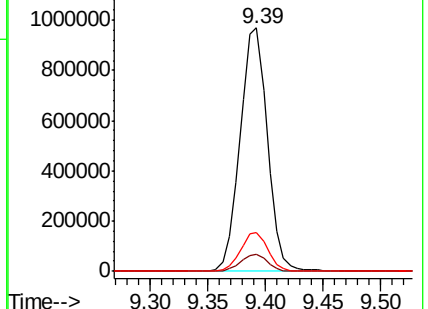
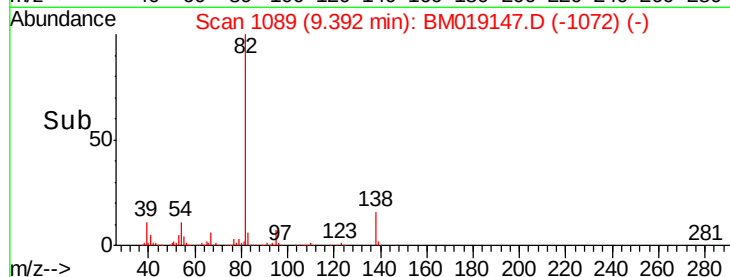
138 16.0 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019147.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019147.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019147.D (-1072) (-)



#26

2-Nitrophenol

Concen: 41.708 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

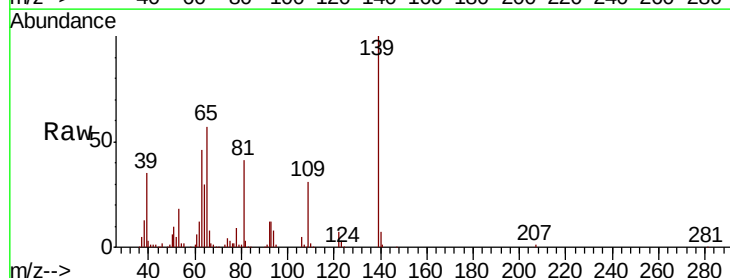
Tgt Ion: 139 Resp: 364087

Ion Ratio Lower Upper

139 100

109 30.8 24.5 36.7

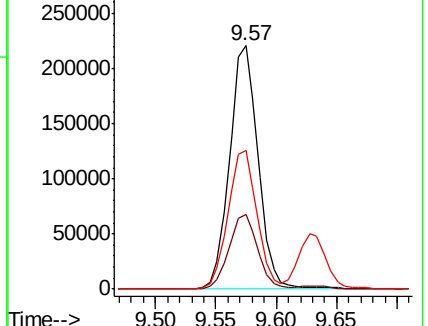
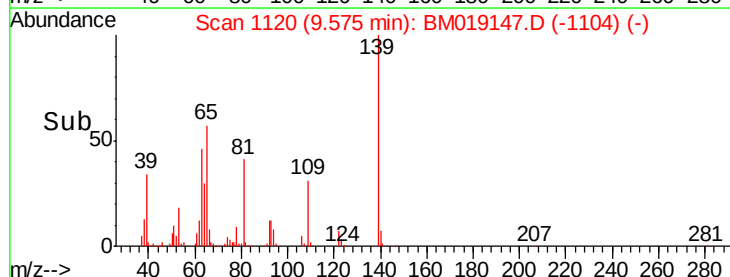
65 56.8 44.4 66.6

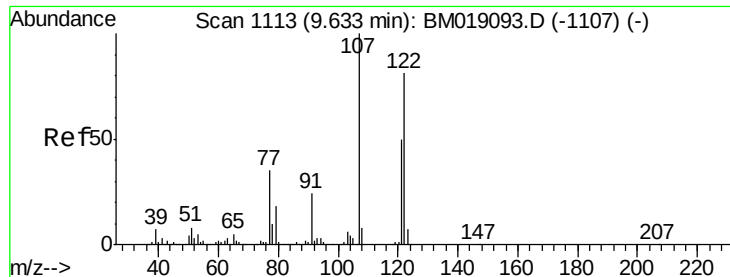


Abundance Ion 139.00 (138.70 to 139.70): BM019147.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019147.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019147.D (-1104) (-)

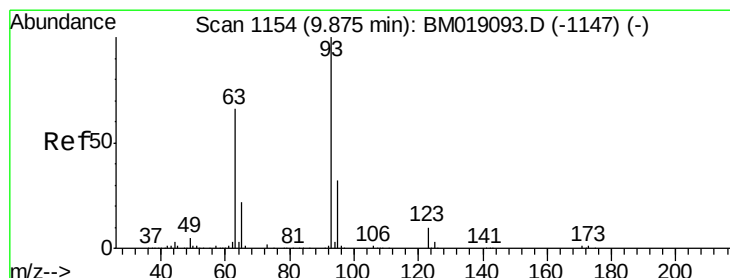
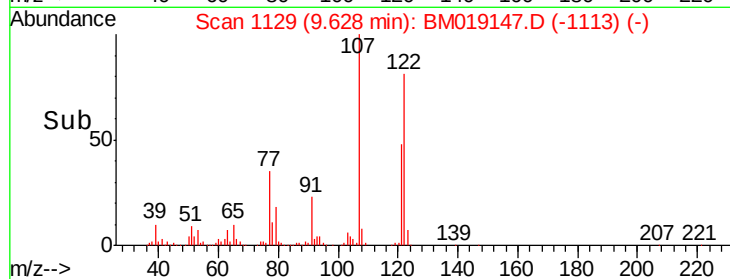
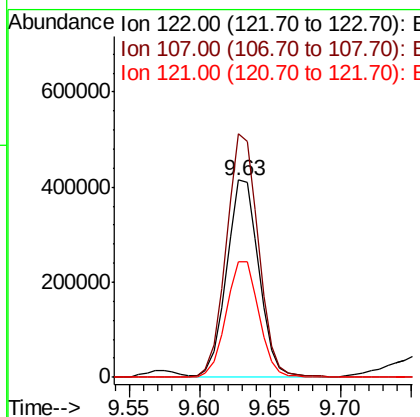
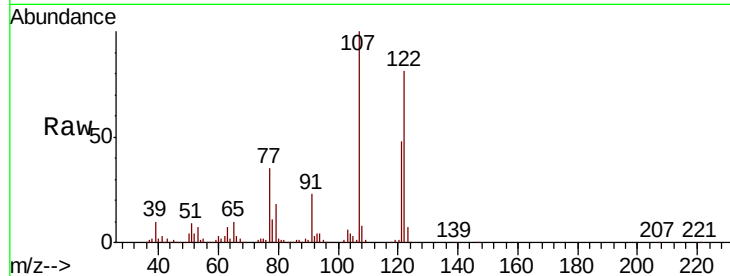




#27
 2,4-Dimethylphenol
 Concen: 50.600 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

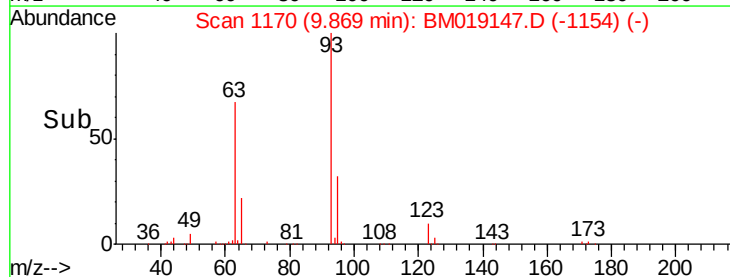
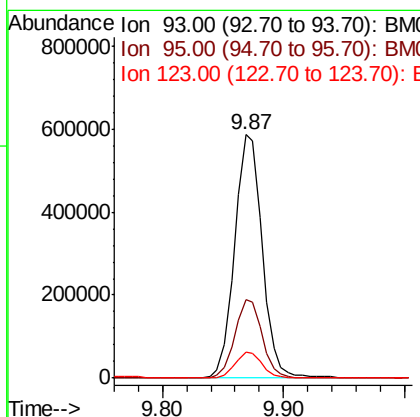
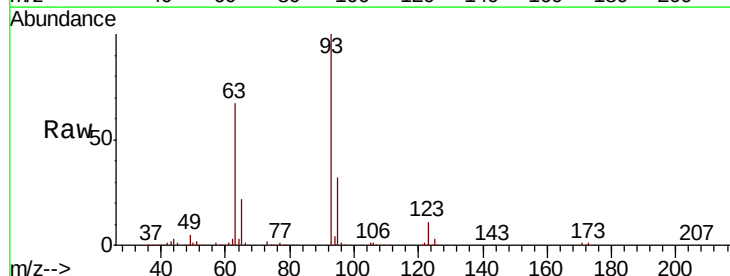
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

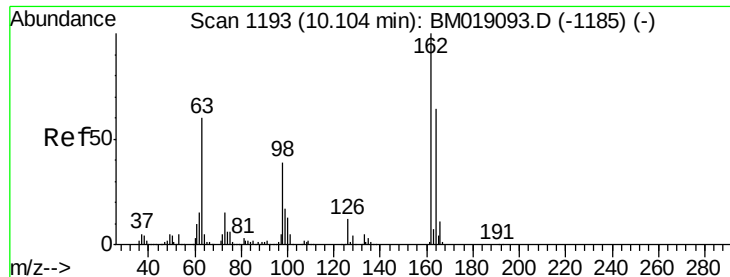
Tot Ion:122 Resp: 656671
 Ion Ratio Lower Upper
 122 100
 107 123.5 98.2 147.4
 121 59.0 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.844 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion: 93 Resp: 934474
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.8 38.8
 123 10.5 7.9 11.9

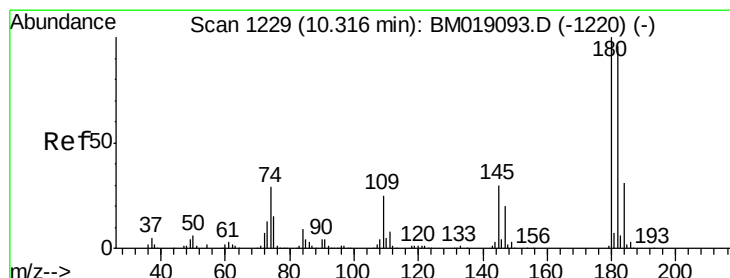
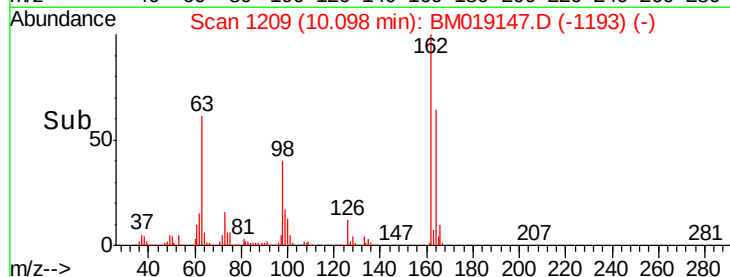
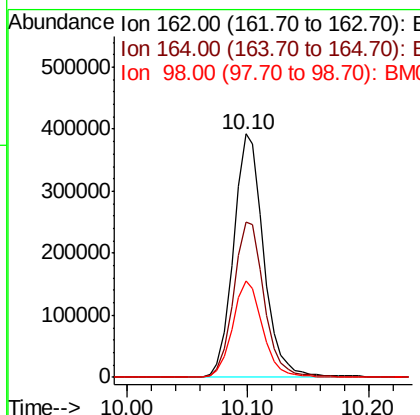
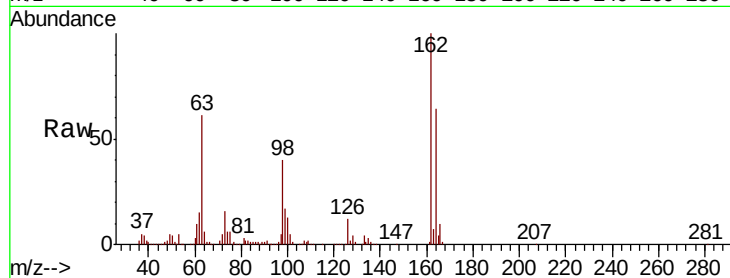




#29
 2,4-Dichlorophenol
 Concen: 47.432 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

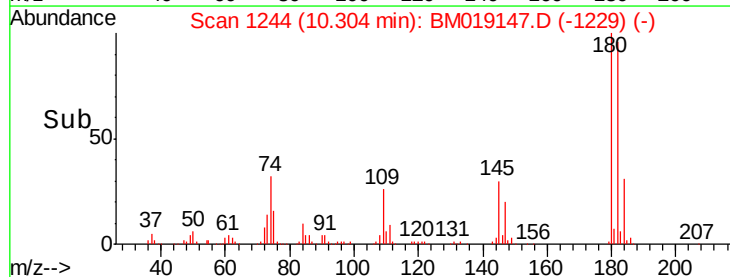
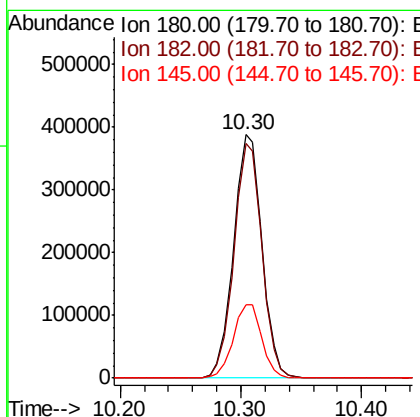
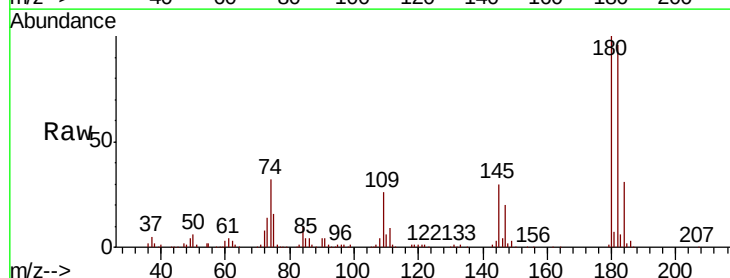
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

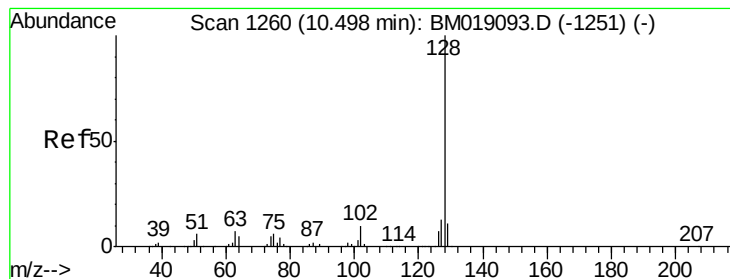
Tot Ion:162 Resp: 681746
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.5 83.5
 98 39.6 19.1 59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.251 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:180 Resp: 636135
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.6 114.8
 145 30.0 24.3 36.5





#31

Naphthalene

Concen: 39.355 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

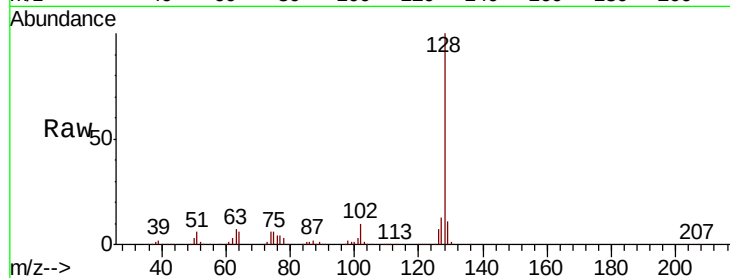
Tot Ion:128 Resp: 1985546

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

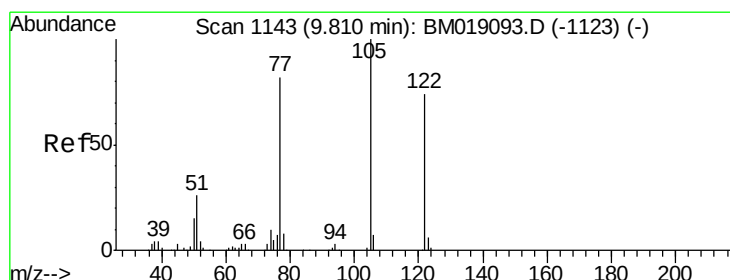
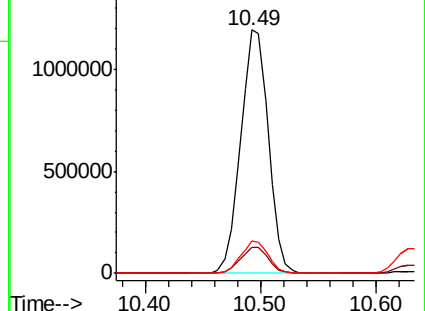
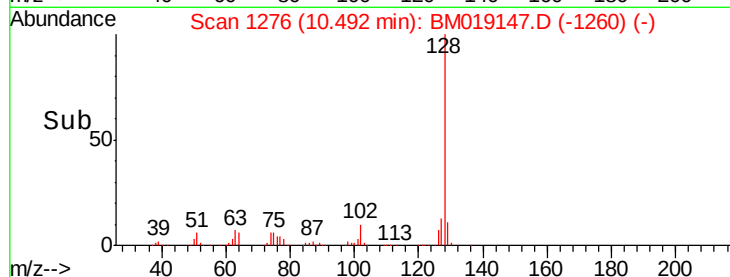
127 13.2 10.4 15.6



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: 15.922 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

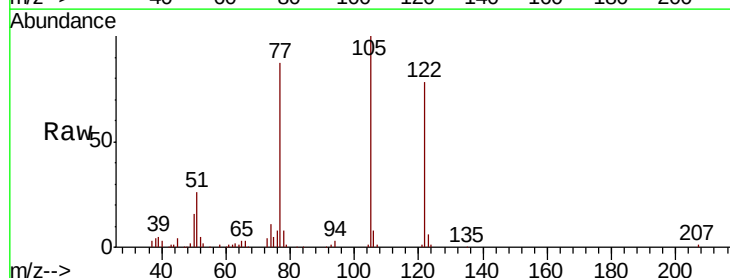
Tgt Ion:122 Resp: 175003

Ion Ratio Lower Upper

122 100

105 128.4 113.0 153.0

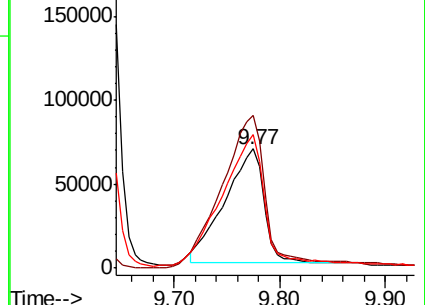
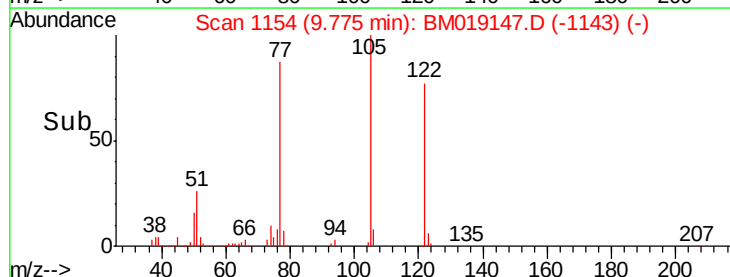
77 112.2 90.1 130.1

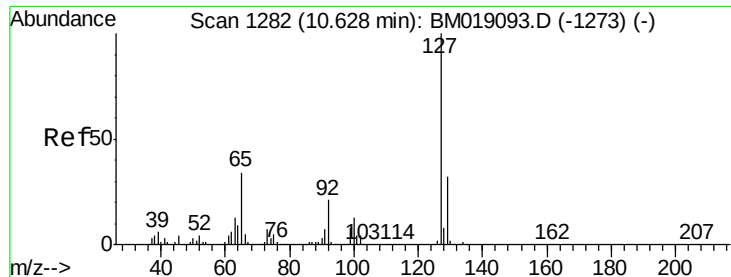


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

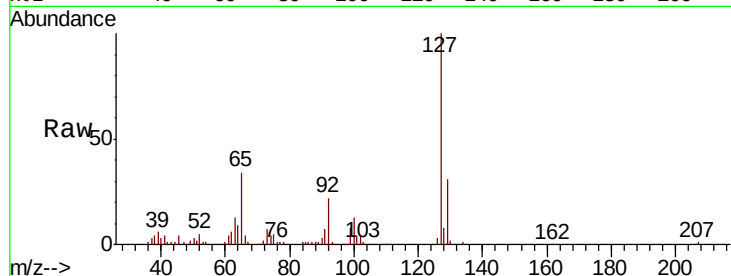




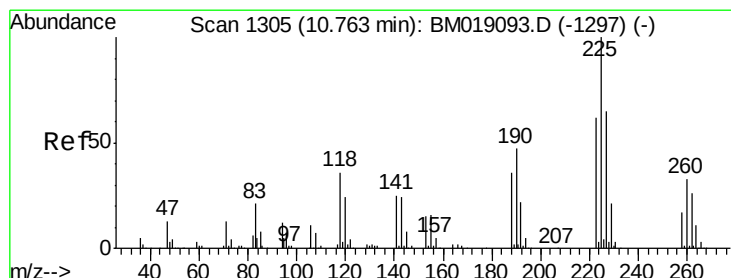
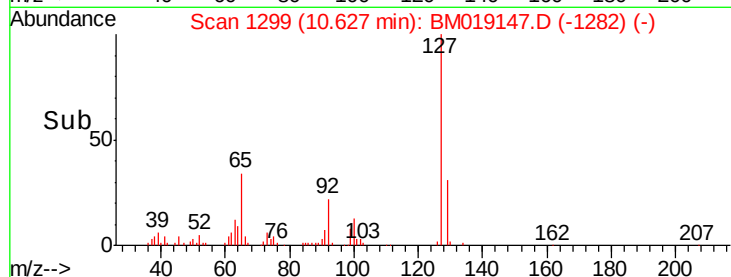
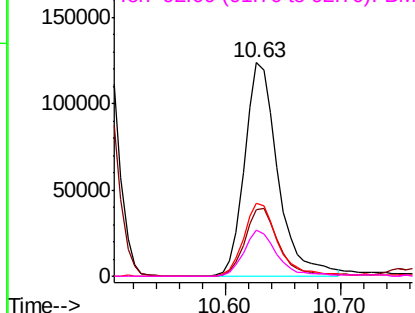
#33
4-Chloroaniline
Concen: 12.047 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:	127	Resp:	249153
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.3	37.9
65	33.9	27.4	41.2
92	21.8	16.8	25.2

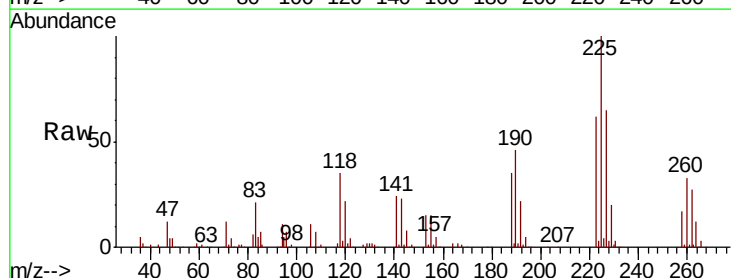


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

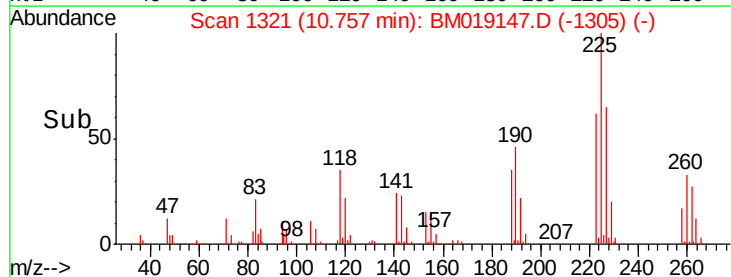
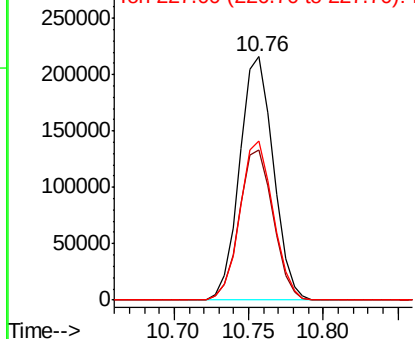


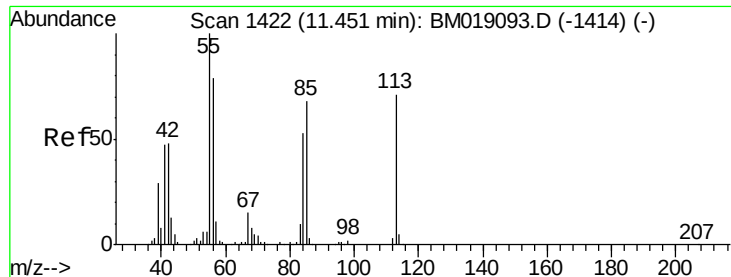
#34
Hexachlorobutadiene
Concen: 36.431 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:	225	Resp:	338827
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	65.4	51.6	77.4



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

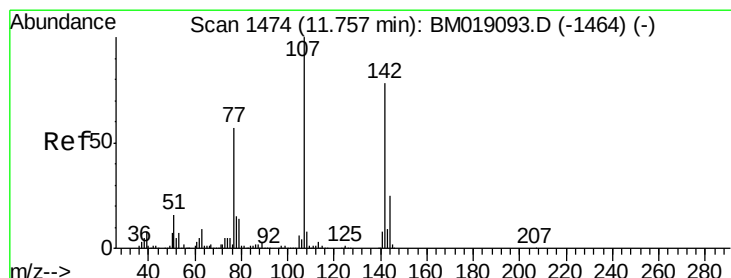
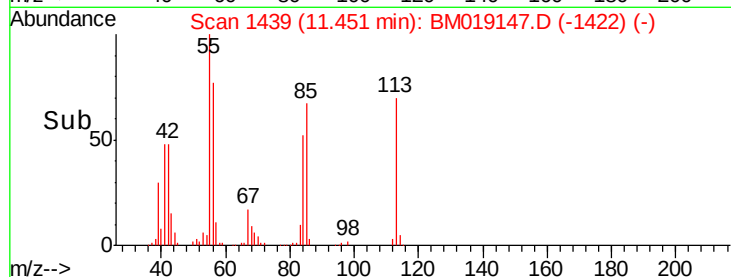
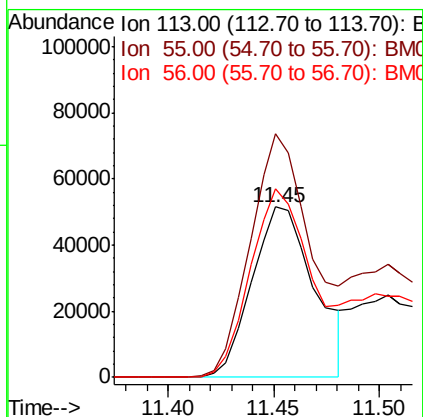
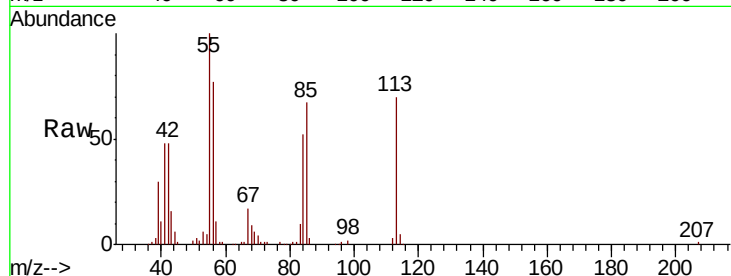




#35
Caprolactam
Concen: 20.717 ng
RT: 11.45 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

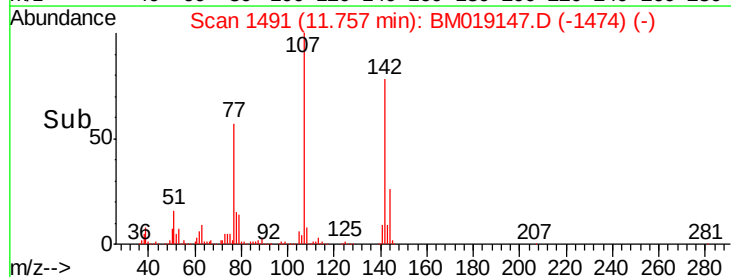
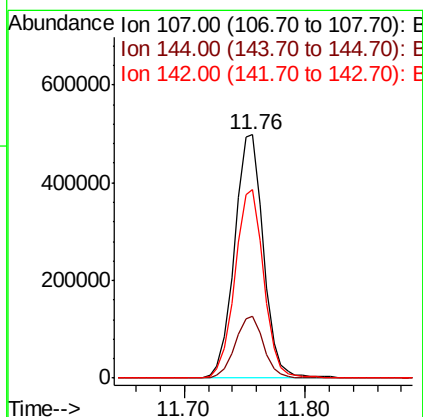
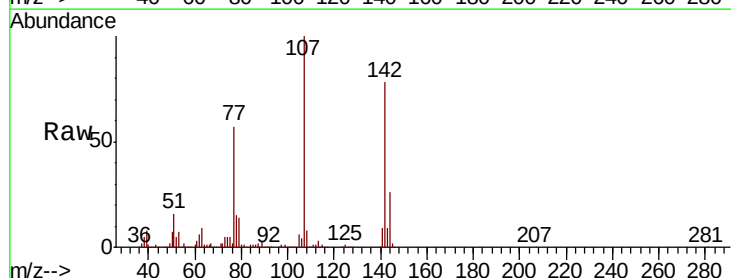
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

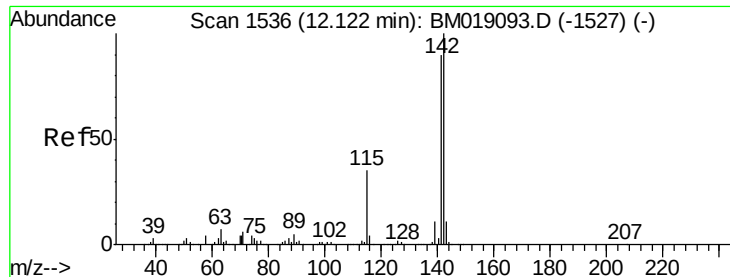
Tot Ion:113 Resp: 106074
Ion Ratio Lower Upper
113 100
55 142.8 120.1 160.1
56 110.3 90.1 130.1



#36
4-Chloro-3-methylphenol
Concen: 47.076 ng
RT: 11.76 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:107 Resp: 834882
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.4
142 77.6 62.4 93.6

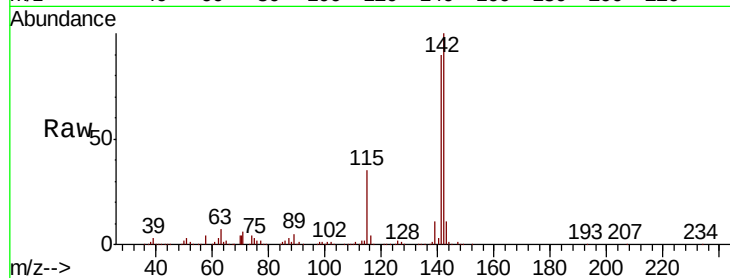




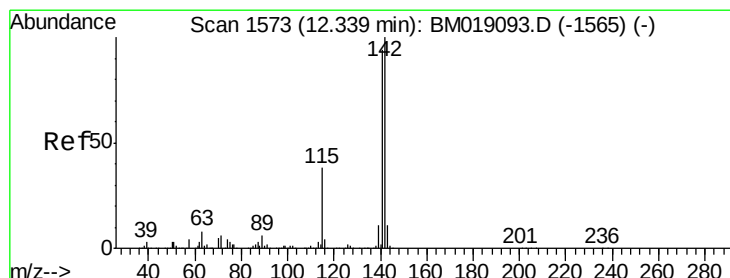
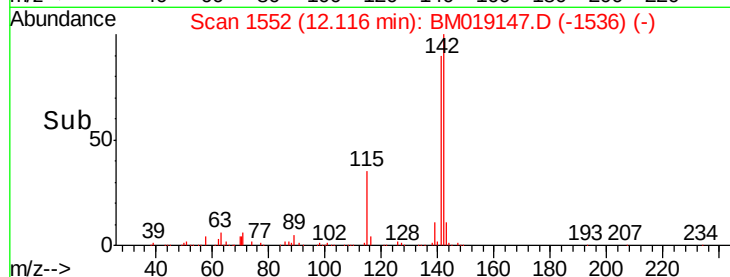
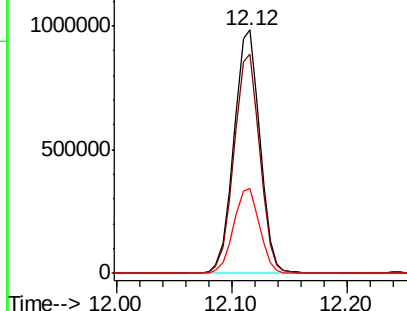
#37
 2-Methylnaphthalene
 Concen: 41.895 ng
 RT: 12.12 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion:142 Resp: 1535962
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.3 108.5
 115 35.0 27.8 41.8

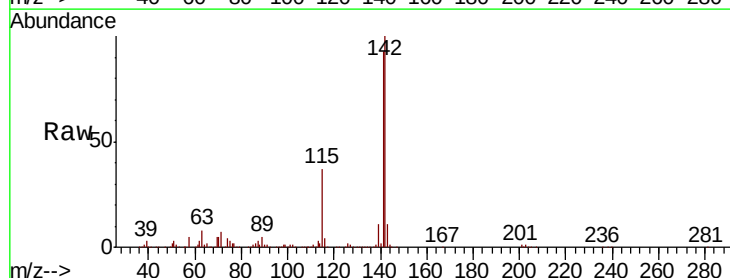


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

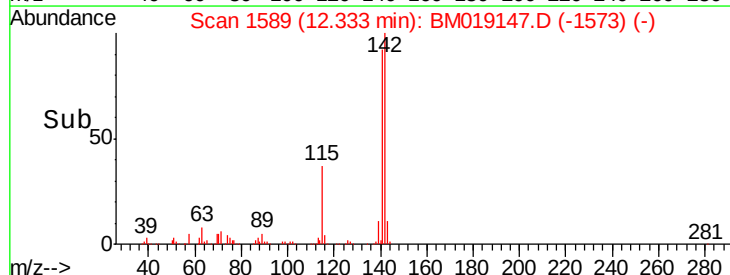
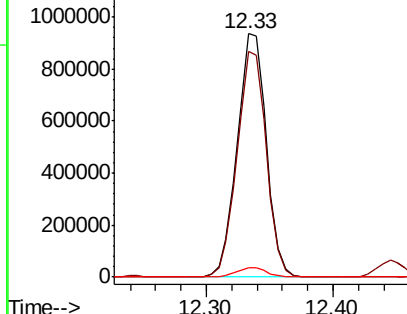


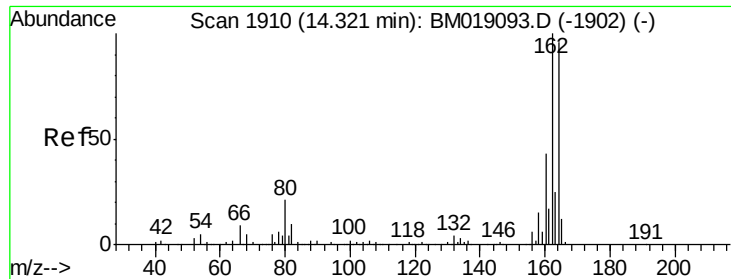
#38
 1-Methylnaphthalene
 Concen: 41.005 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:142 Resp: 1481772
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.9 112.3
 116 3.8 3.2 4.8



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: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

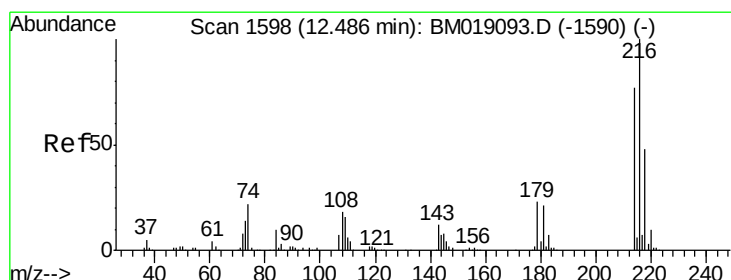
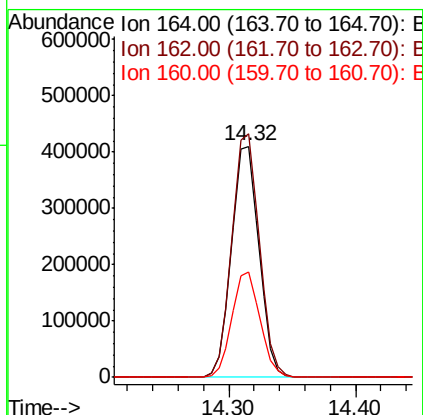
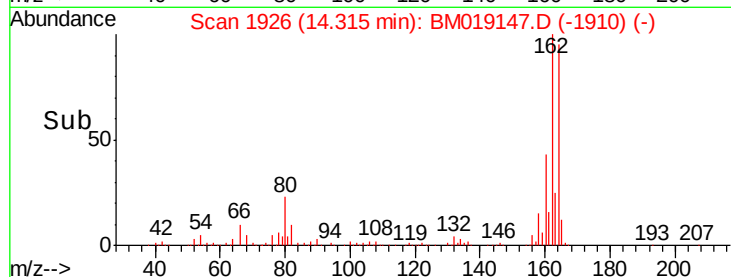
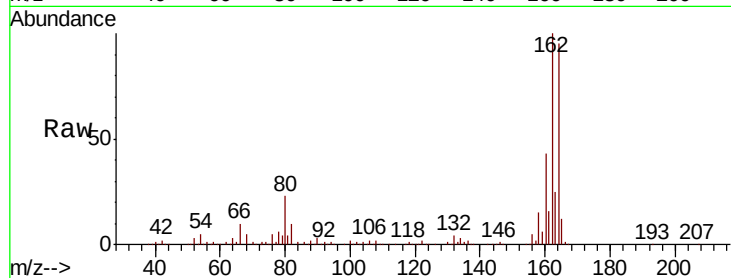
Tot Ion:164 Resp: 613114

Ion Ratio Lower Upper

164 100

162 105.4 83.5 125.3

160 45.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.717 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:216 Resp: 731501

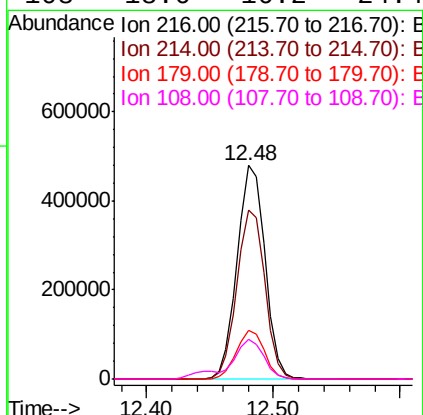
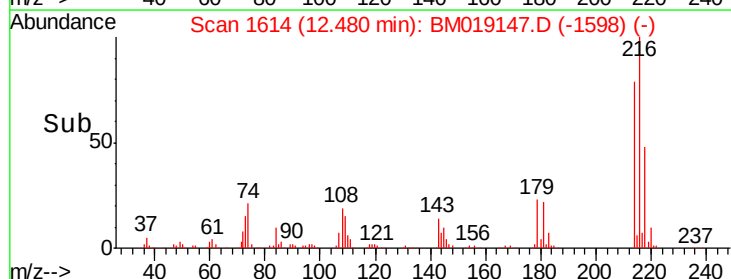
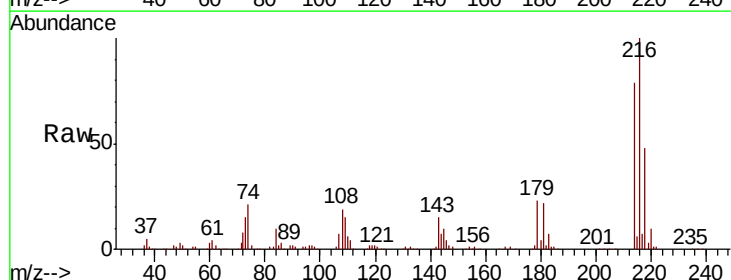
Ion Ratio Lower Upper

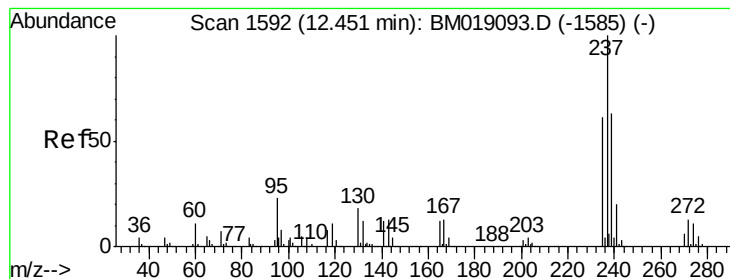
216 100

214 79.3 62.9 94.3

179 22.7 18.0 27.0

108 18.6 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 87.004 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

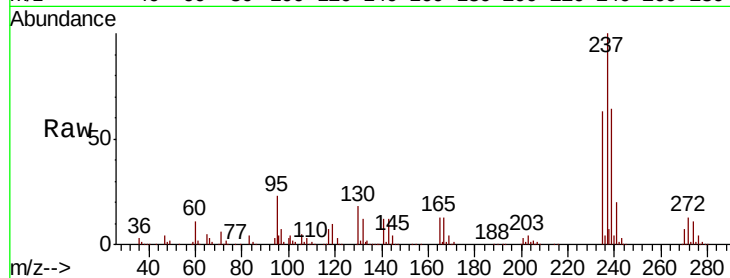
Tot Ion:237 Resp: 764323

Ion Ratio Lower Upper

237 100

235 62.6 41.3 81.3

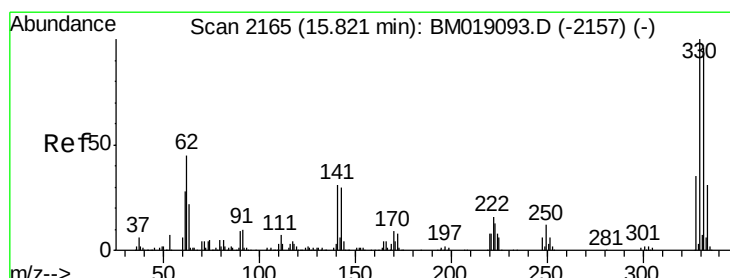
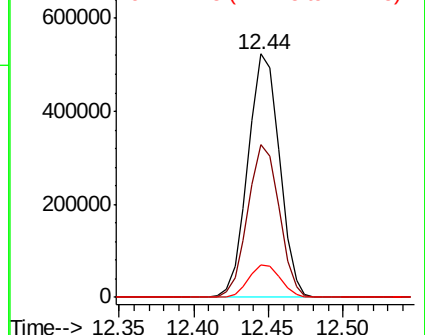
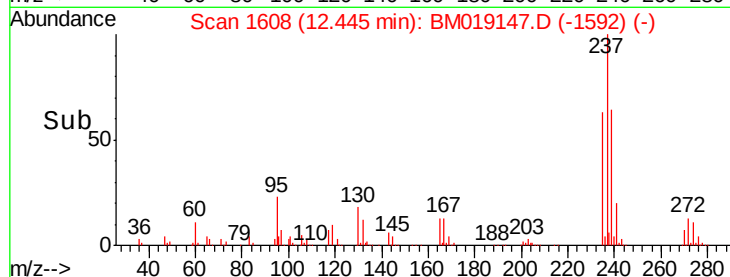
272 13.2 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.274 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

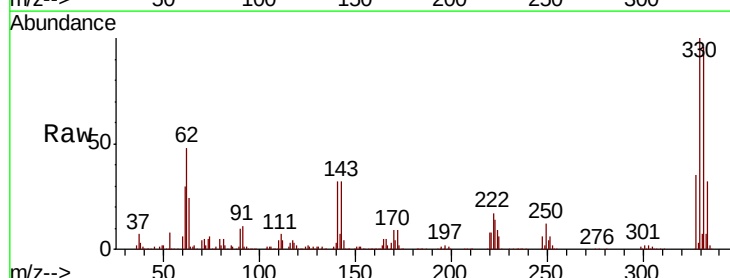
Tgt Ion:330 Resp: 1278872

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

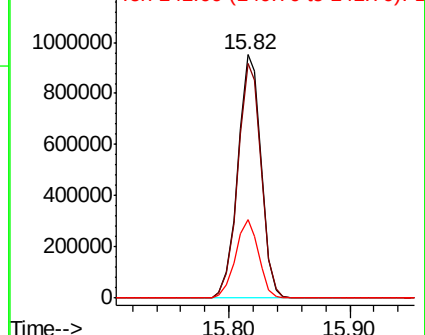
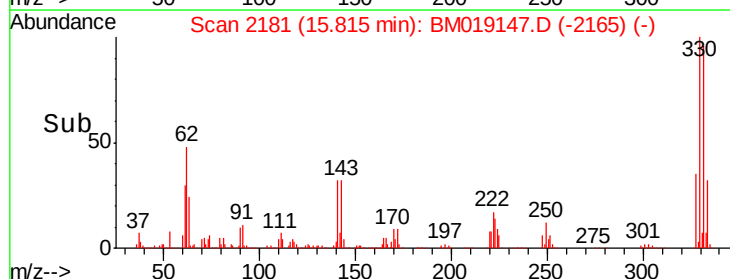
141 32.3 27.0 40.4

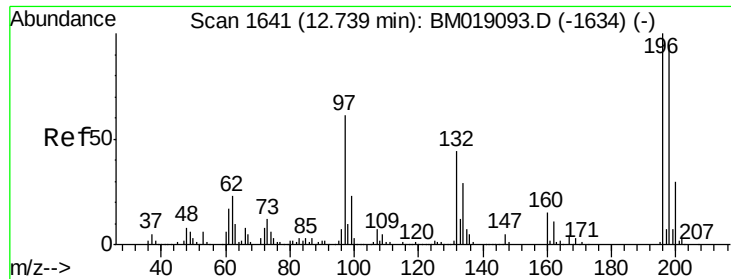


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

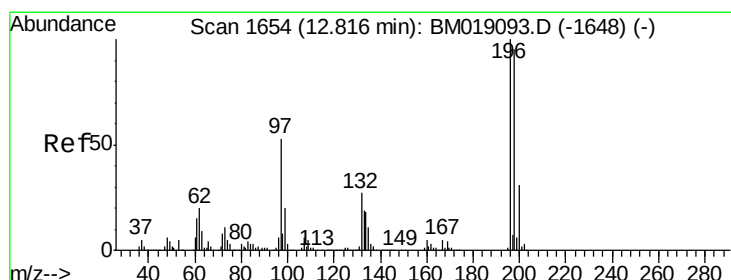
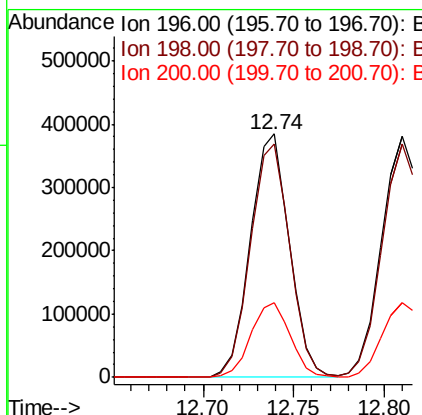
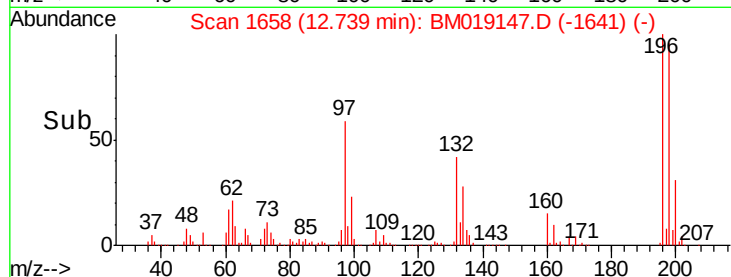
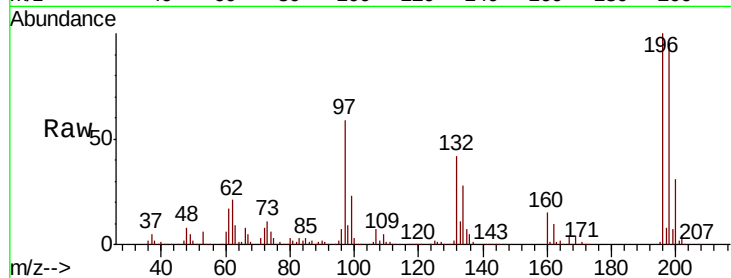




#43
 2,4,6-Trichlorophenol
 Concen: 45.986 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

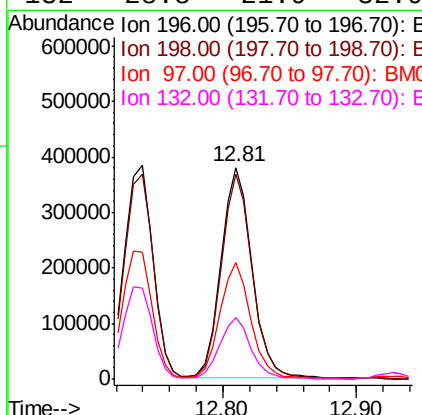
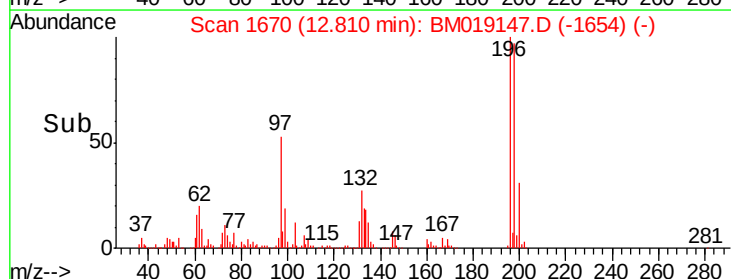
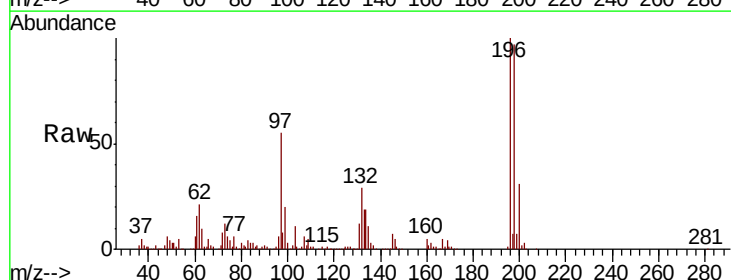
Instrument :
 BNA_M
 ClientSampled :
 TP-24MSD

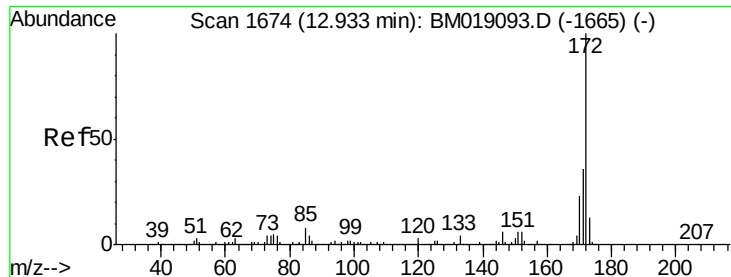
Tot Ion:196 Resp: 576359
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.4 113.0
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.095 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:196 Resp: 617784
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.9 113.9
 97 55.0 42.5 63.7
 132 28.8 21.9 32.9



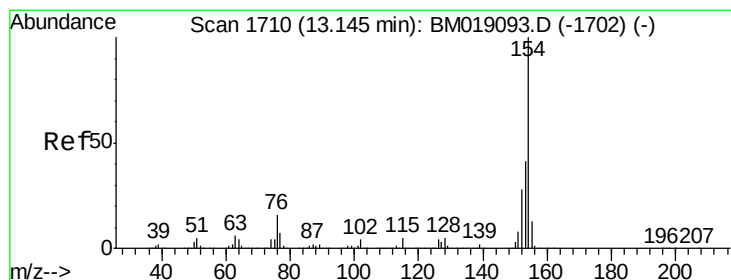
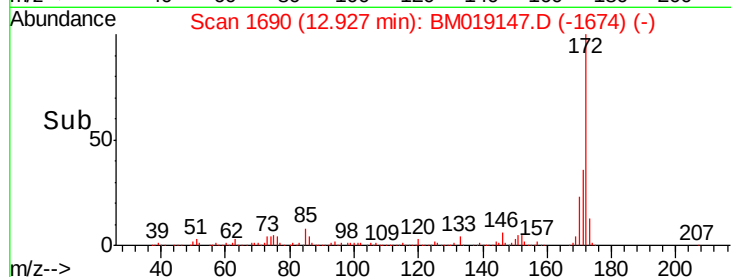
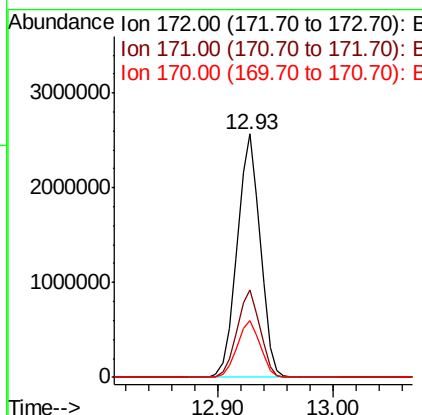
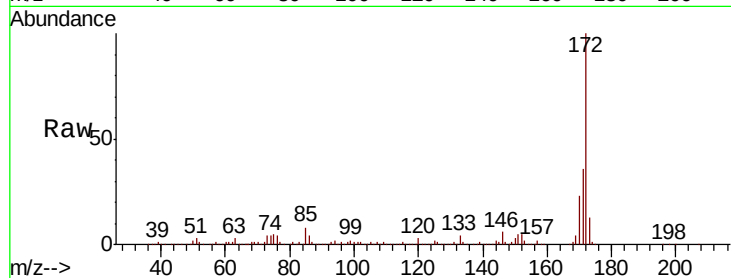


#45
2-Fluorobiphenyl
Concen: 74.977 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:172 Resp: 3534022

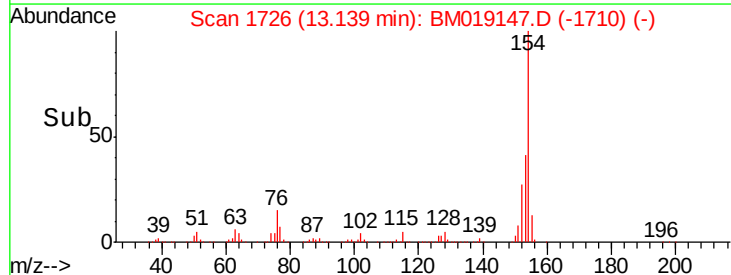
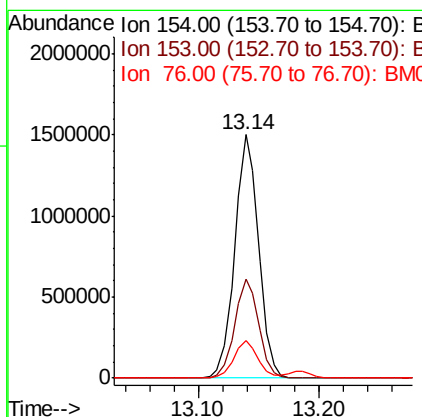
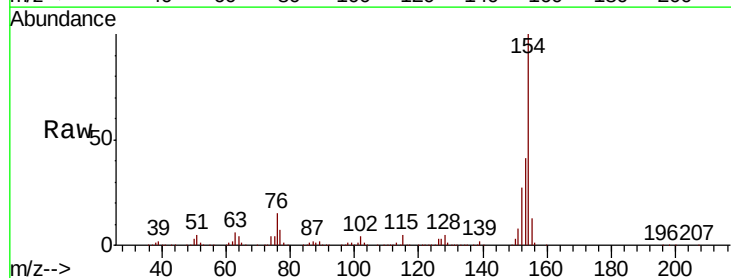
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.1	18.6	28.0

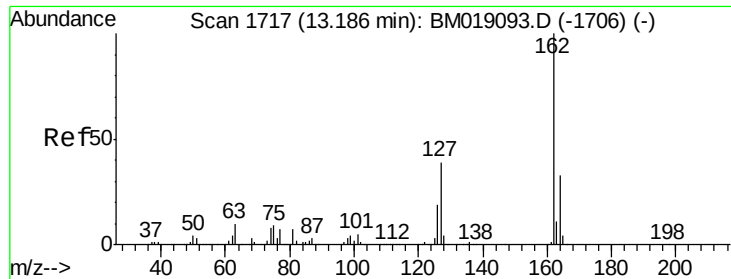


#46
1,1'-Biphenyl
Concen: 38.484 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:154 Resp: 2060609

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	15.3	0.0	35.8

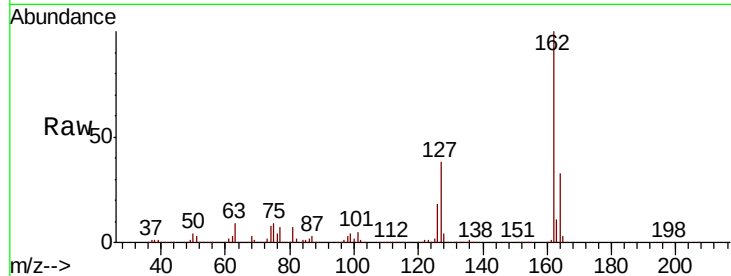




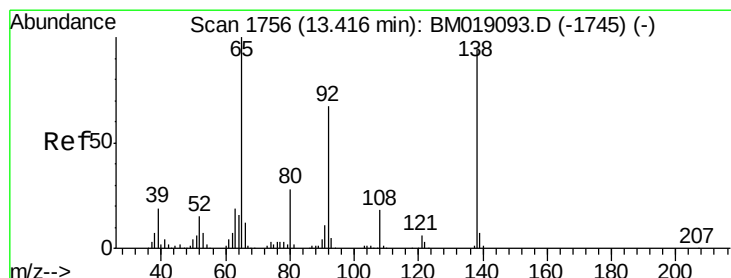
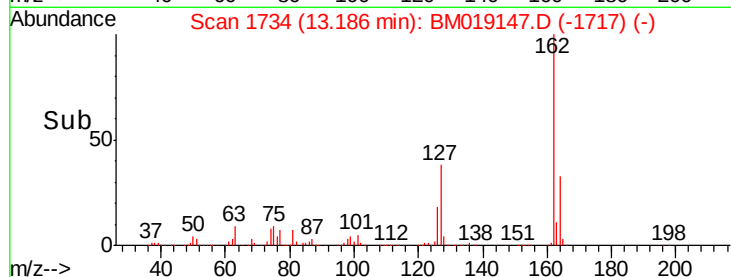
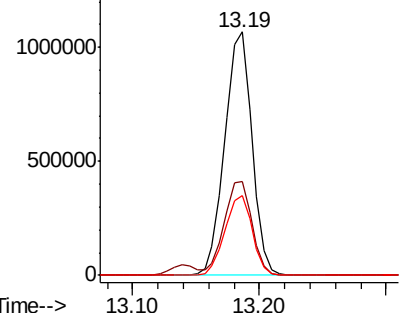
#47
2-Chloronaphthalene
Concen: 39.764 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion: 162 Resp: 1589246
Ion Ratio Lower Upper
162 100
127 38.3 31.2 46.8
164 32.8 26.3 39.5

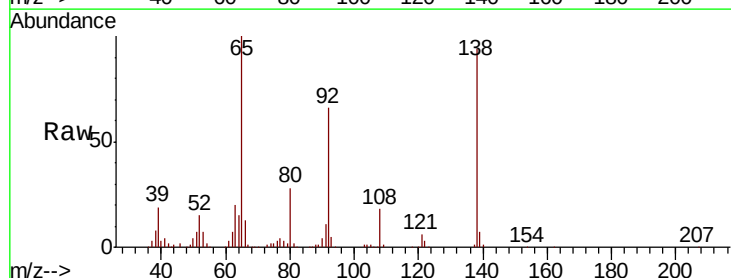


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

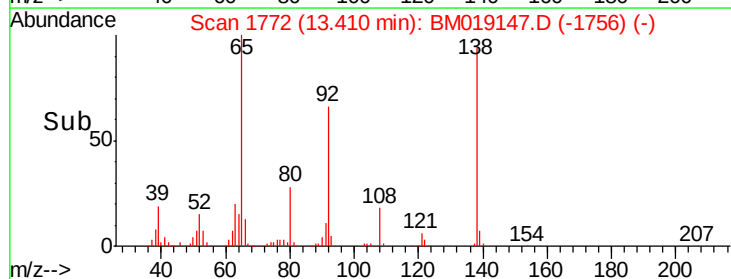
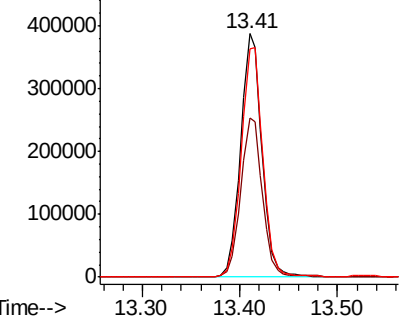


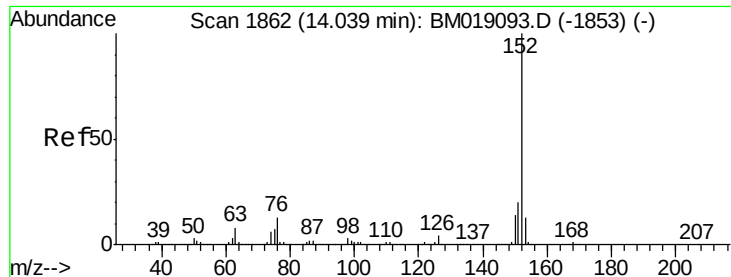
#48
2-Nitroaniline
Concen: 44.724 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion: 65 Resp: 599472
Ion Ratio Lower Upper
65 100
92 65.6 53.4 80.2
138 93.5 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.343 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

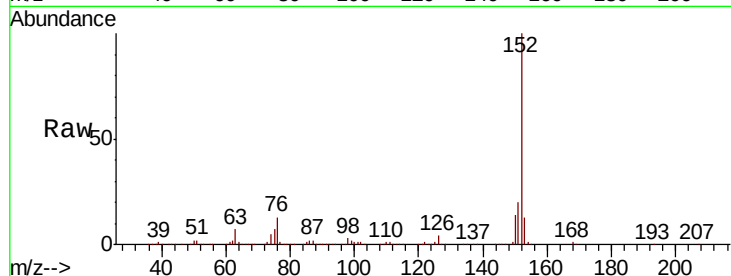
Tot Ion:152 Resp: 2658747

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

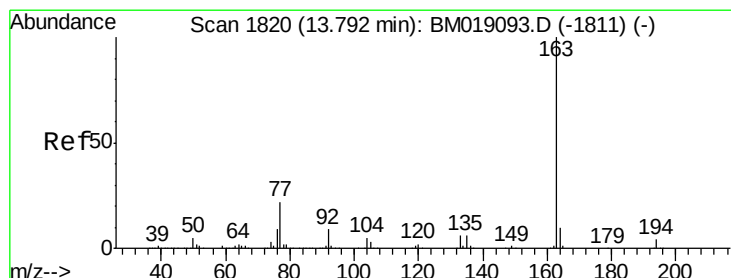
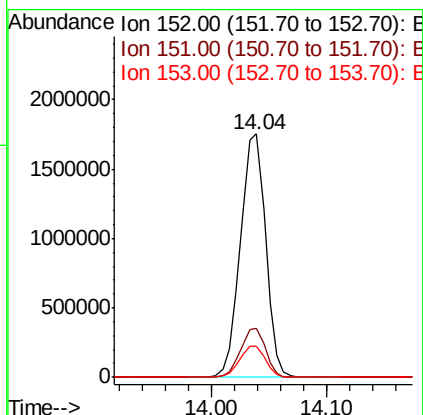
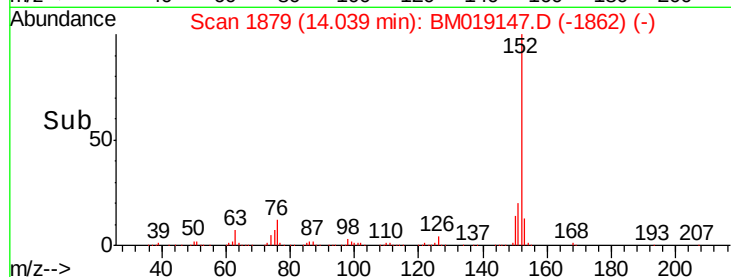
153 13.0 10.6 15.8



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: 50.756 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

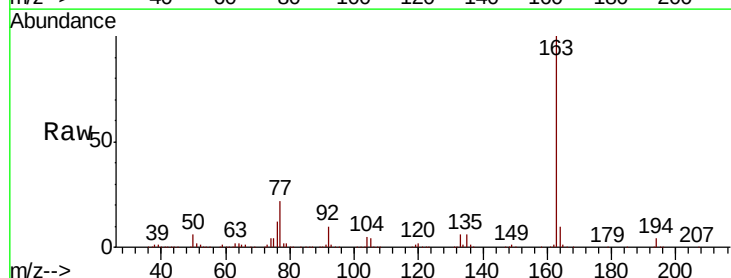
Tgt Ion:163 Resp: 2662100

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

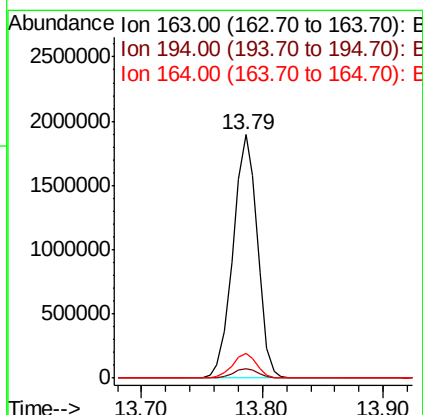
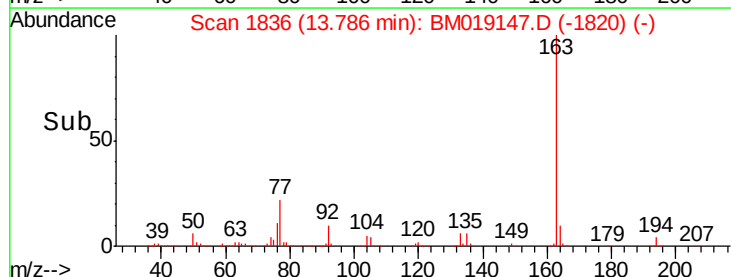
164 10.0 7.7 11.5

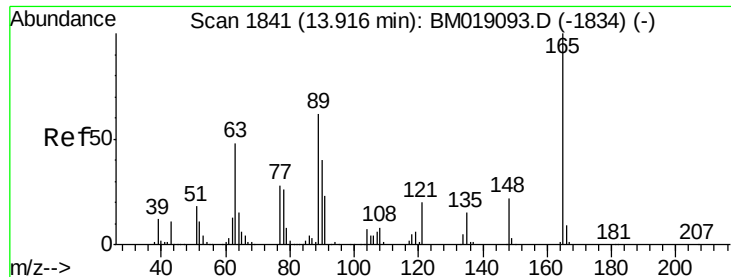


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

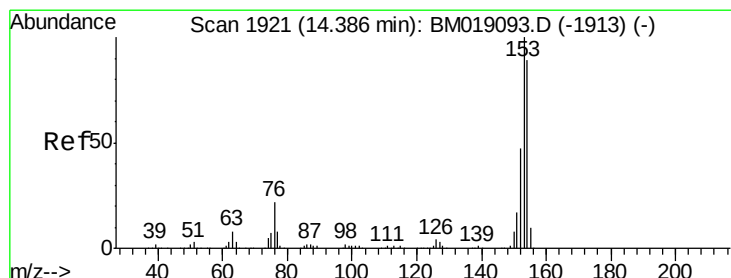
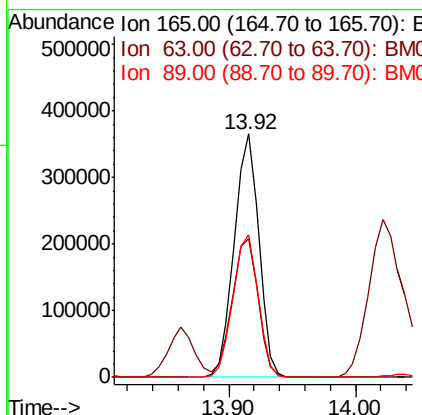
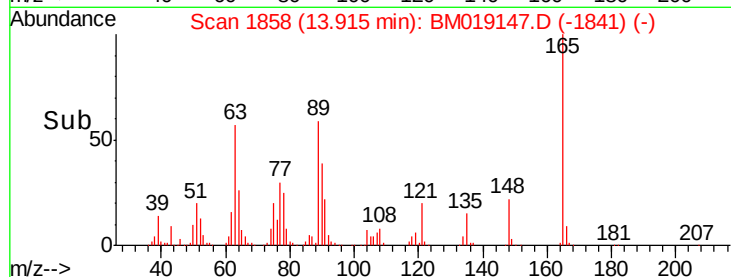
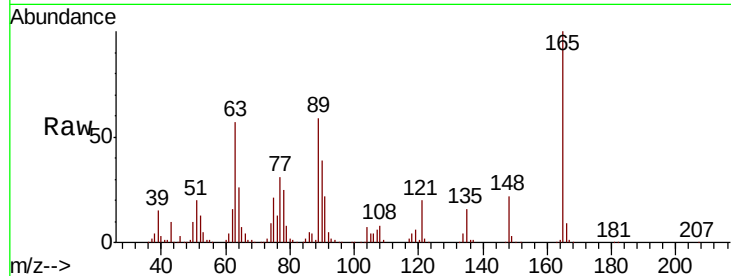




#51
2,6-Dinitrotoluene
Concen: 43.319 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

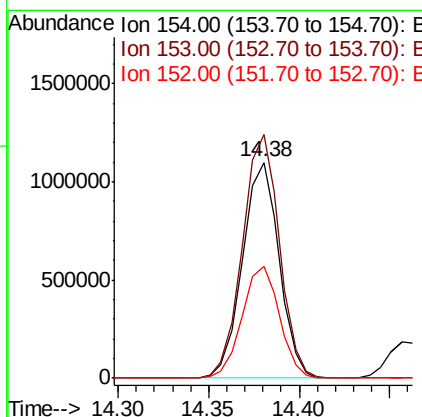
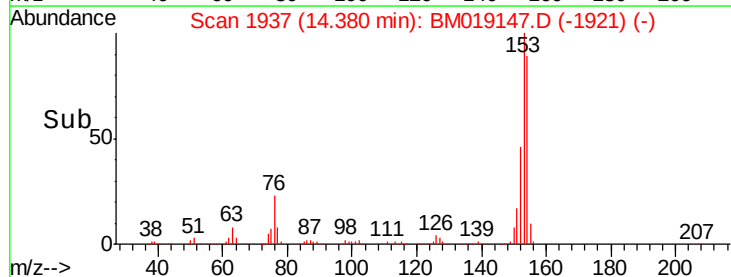
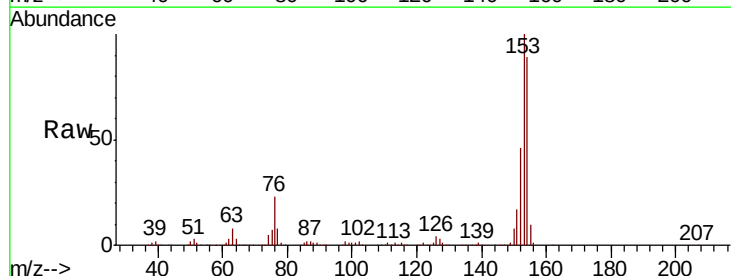
Instrument :
BNA_M
ClientSampled :
TP-24MSD

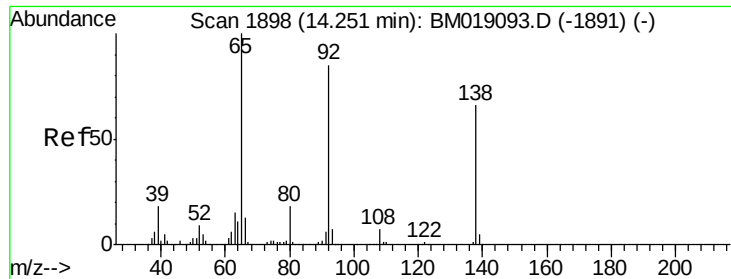
Tot Ion:165 Resp: 491147
Ion Ratio Lower Upper
165 100
63 57.1 48.2 72.4
89 58.6 49.3 73.9



#52
Acenaphthene
Concen: 39.764 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:154 Resp: 1544075
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 51.9 42.5 63.7

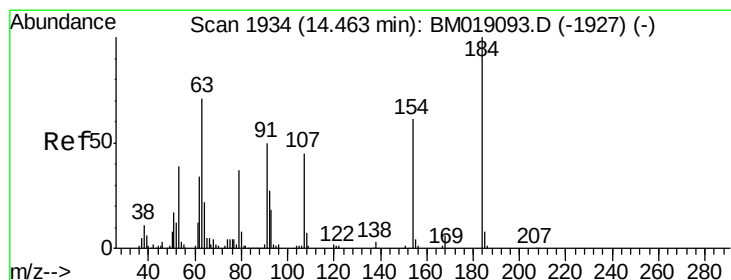
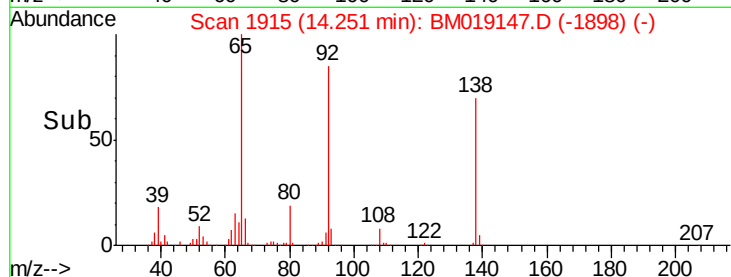
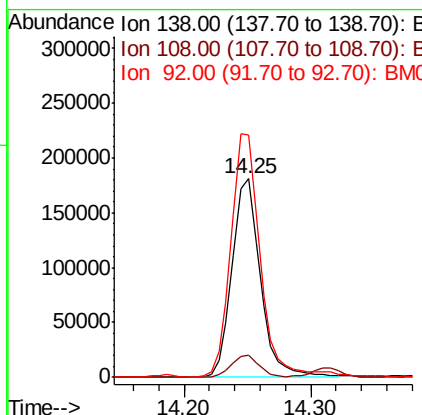
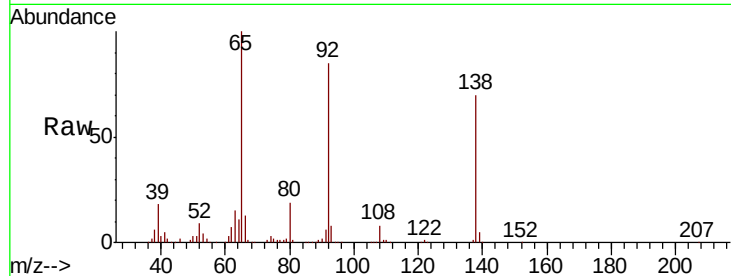




#53
 3-Nitroaniline
 Concen: 23.388 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

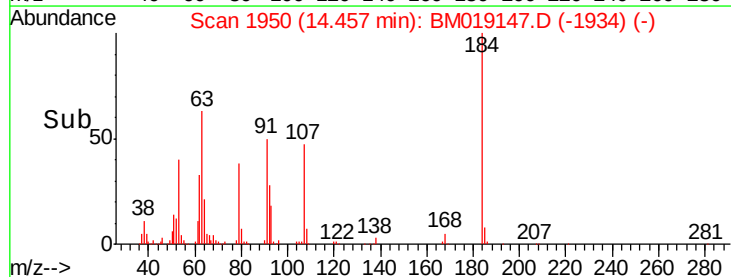
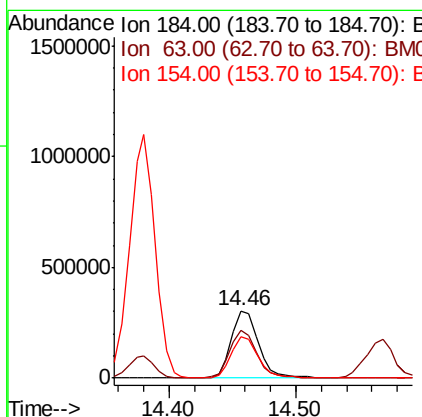
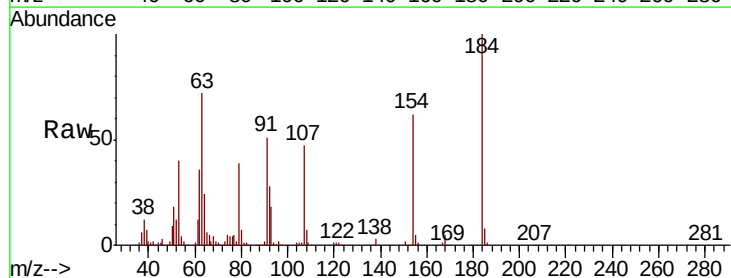
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

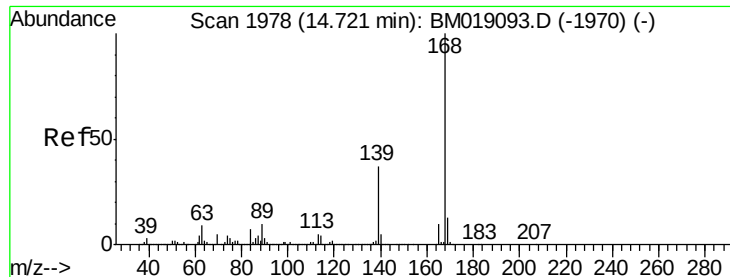
Tot Ion:138 Resp: 280845
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.0 13.4
 92 121.7 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 68.958 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:184 Resp: 454051
 Ion Ratio Lower Upper
 184 100
 63 71.5 56.7 85.1
 154 62.1 49.3 73.9





#55

Dibenzofuran

Concen: 40.528 ng

RT: 14.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

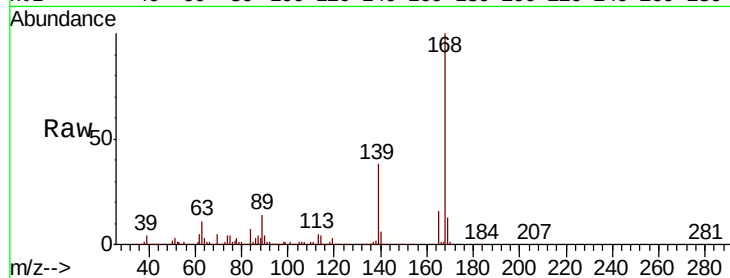
Tot Ion:168 Resp: 2537971

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

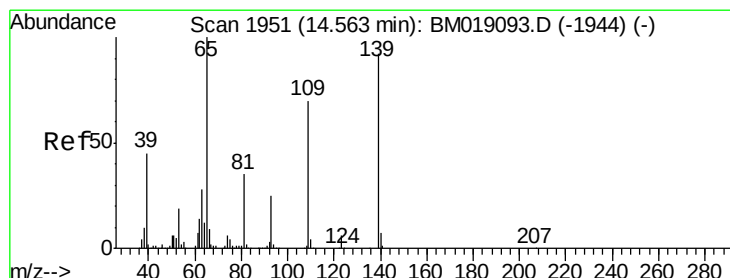
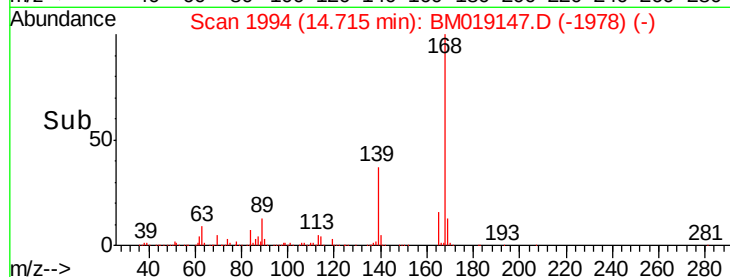
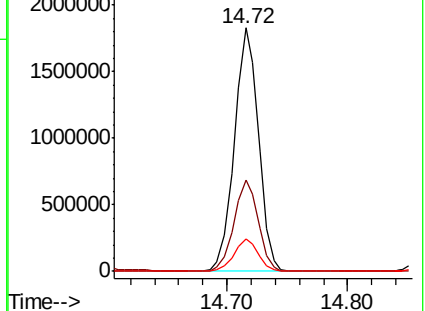
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.920 ng

RT: 14.57 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

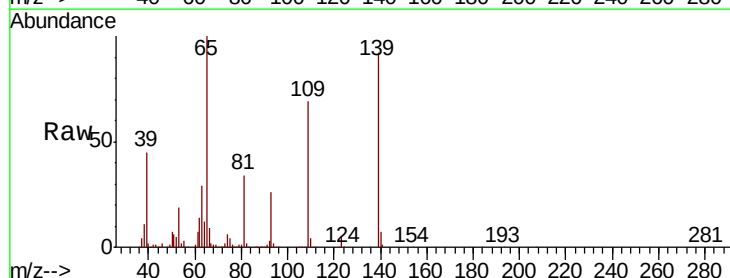
Tgt Ion:139 Resp: 862006

Ion Ratio Lower Upper

139 100

109 74.3 56.3 96.3

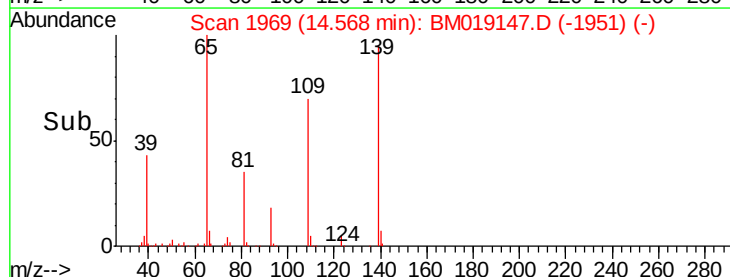
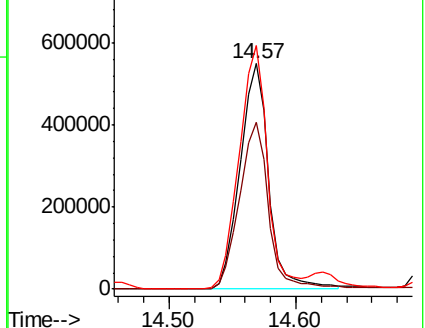
65 108.1 89.2 129.2

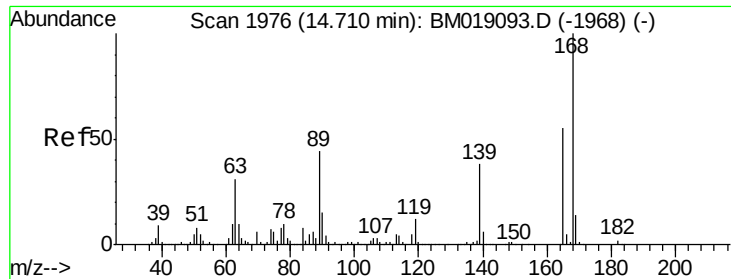


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

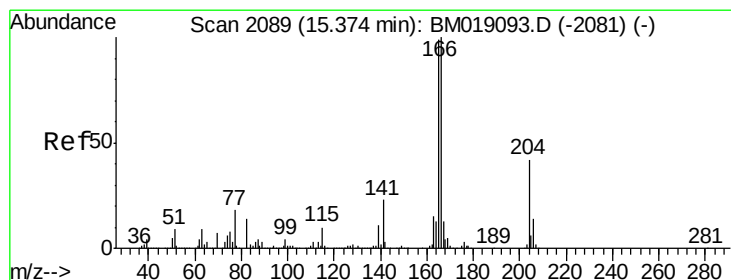
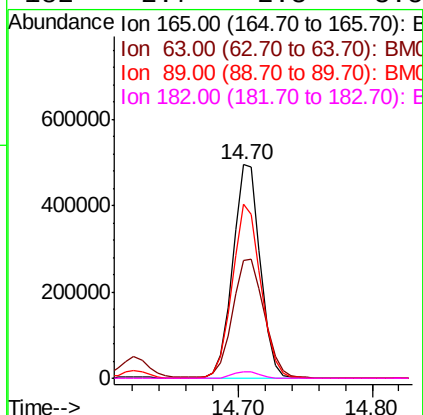
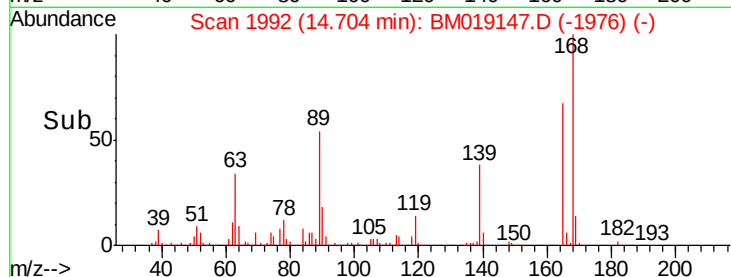
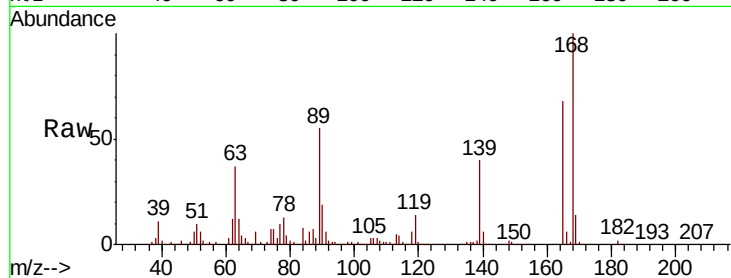




#57
2,4-Dinitrotoluene
Concen: 43.090 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

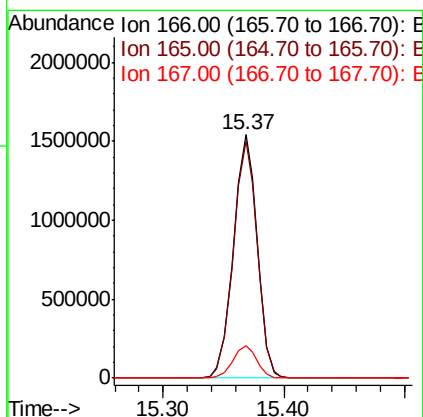
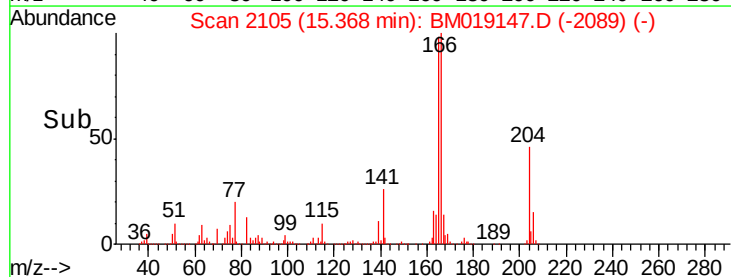
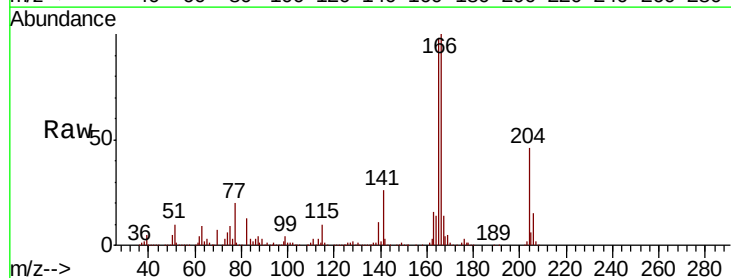
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

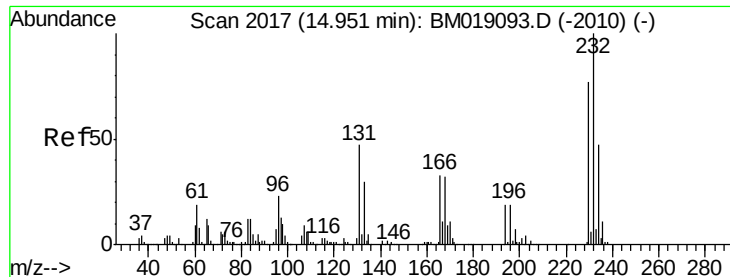
Tot Ion:165 Resp: 709180
Ion Ratio Lower Upper
165 100
63 55.0 44.7 67.1
89 81.3 63.4 95.2
182 2.7 2.3 3.5



#58
Fluorene
Concen: 40.861 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:166 Resp: 2109168
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.4
167 13.5 10.8 16.2

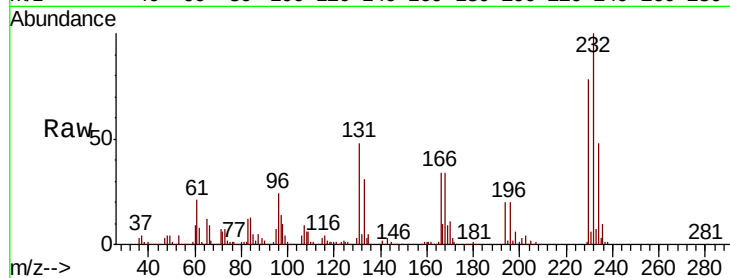




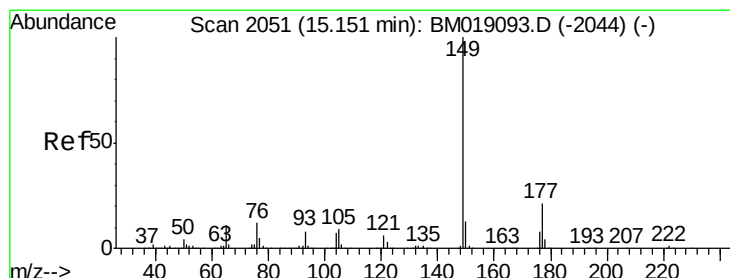
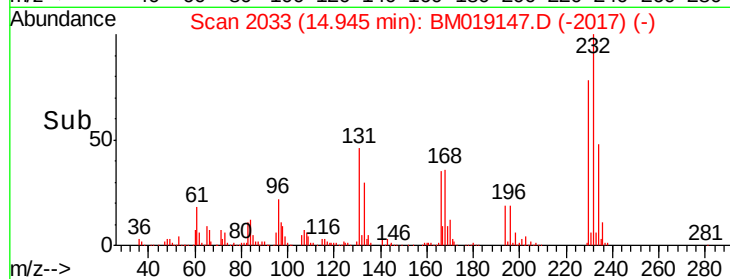
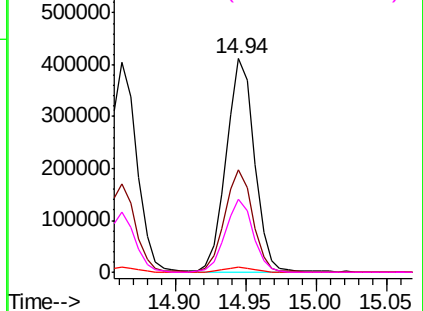
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.517 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion:232	Resp:	567915
Ion Ratio	Lower	Upper
232	100	
131	47.5	38.2 57.2
130	2.5	1.9 2.9
166	33.7	27.0 40.4

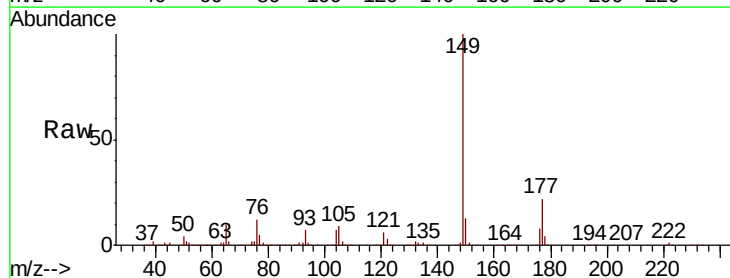


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

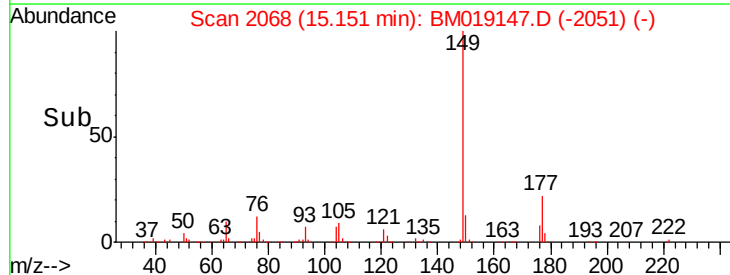
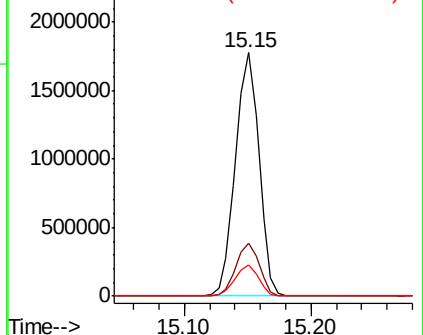


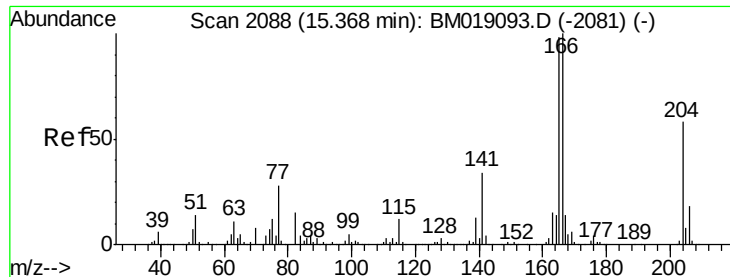
#60
 Diethylphthalate
 Concen: 42.870 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:149	Resp:	2277224
Ion Ratio	Lower	Upper
149	100	
177	21.9	17.0 25.6
150	12.7	10.2 15.4



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

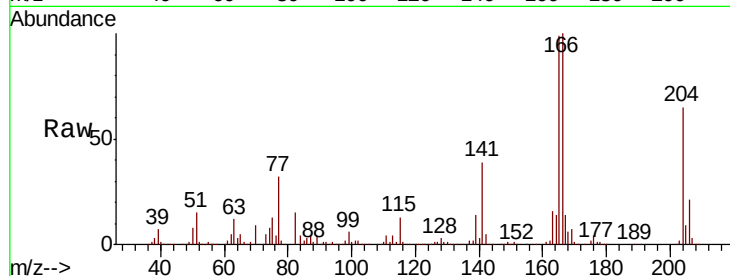




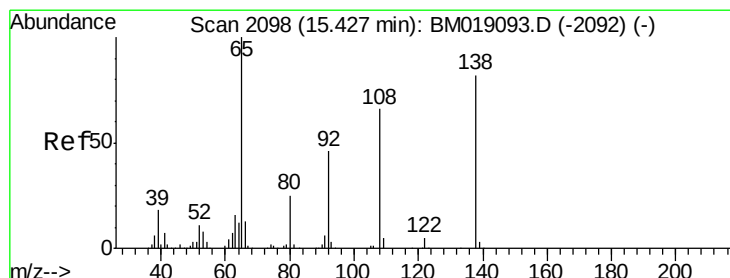
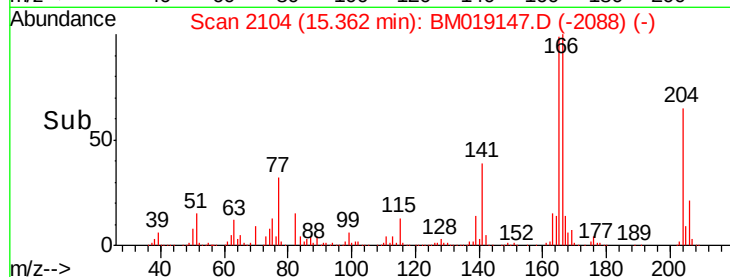
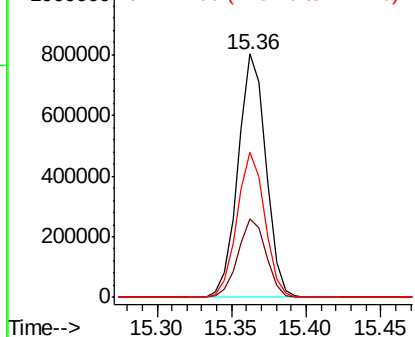
#61
 4-Chlorophenyl-phenylether
 Concen: 41.542 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion:204 Resp: 1041456
 Ion Ratio Lower Upper
 204 100
 206 32.1 25.5 38.3
 141 59.5 47.8 71.8

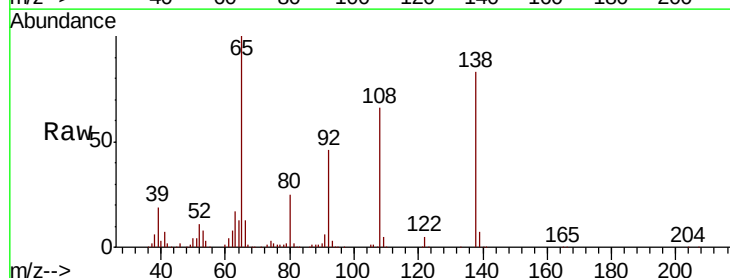


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

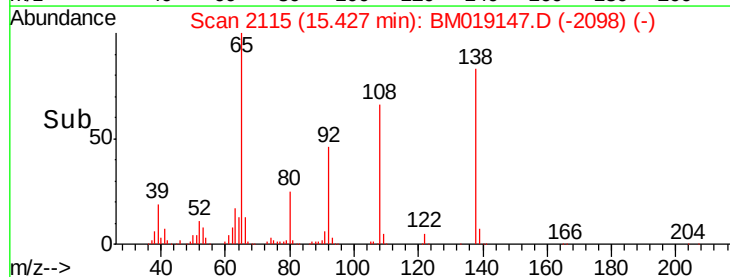
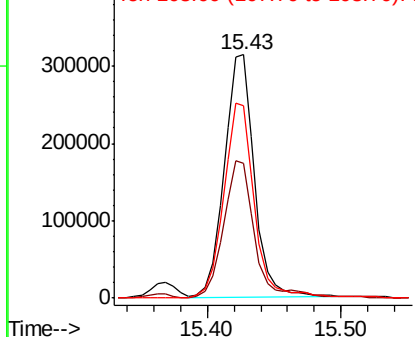


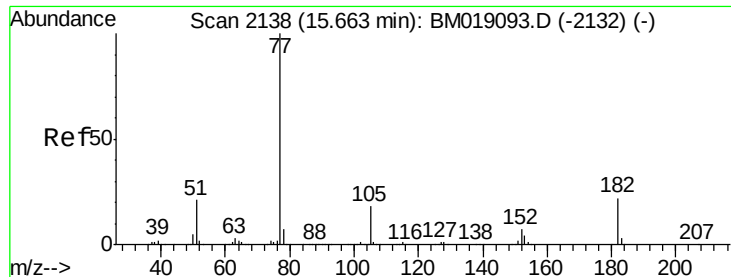
#62
 4-Nitroaniline
 Concen: 40.566 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

Tgt Ion:138 Resp: 490924
 Ion Ratio Lower Upper
 138 100
 92 55.4 36.2 76.2
 108 78.8 59.7 99.7



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

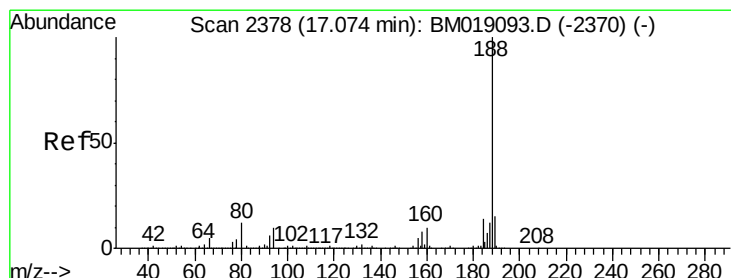
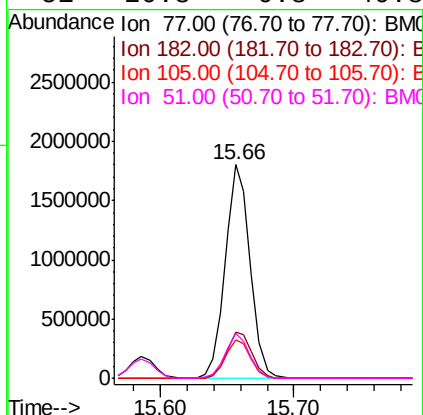
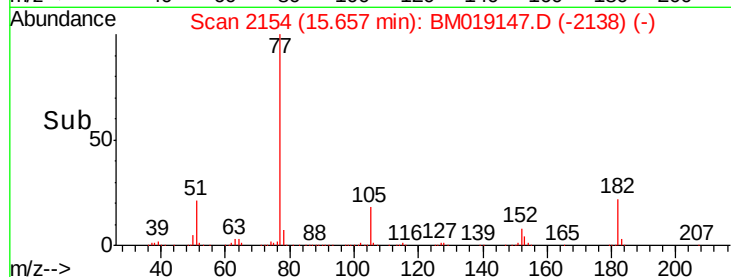
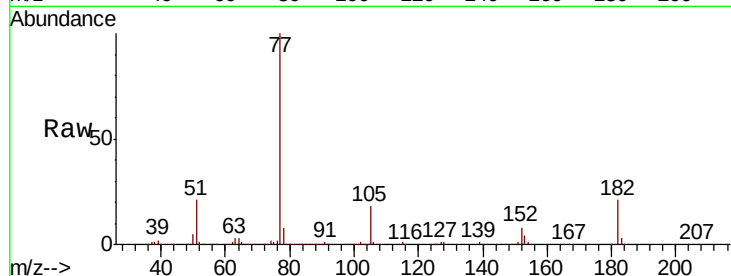




#63
Azobenzene
Concen: 42.046 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

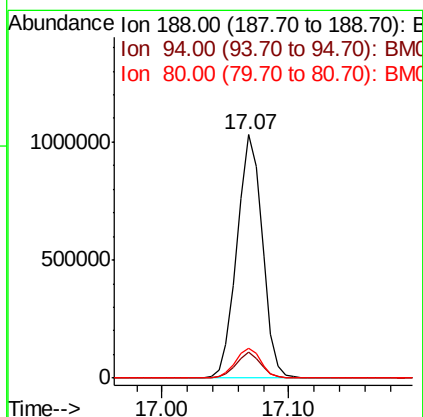
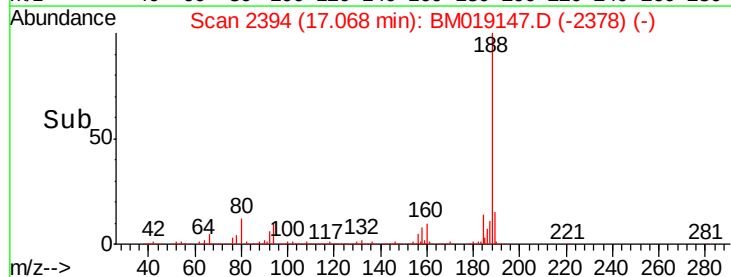
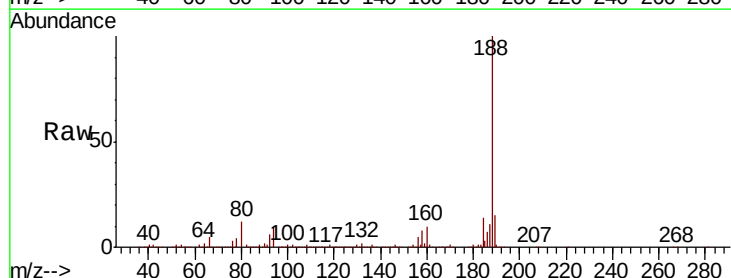
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

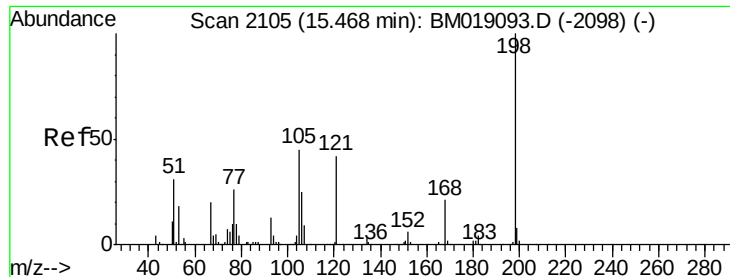
Tot Ion: 77 Resp: 2350261
Ion Ratio Lower Upper
77 100
182 21.5 1.8 41.8
105 18.1 0.0 38.3
51 20.8 0.8 40.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion: 188 Resp: 1430894
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.5 9.7 14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.334 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

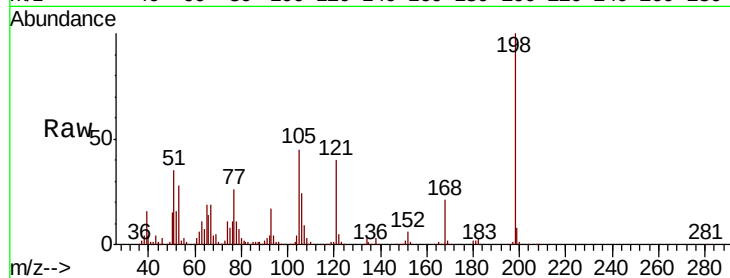
BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:198 Resp: 350066

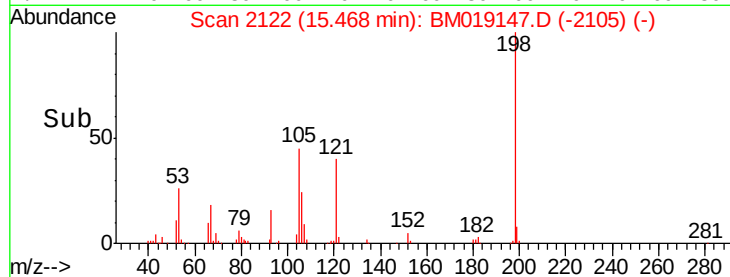
Ion	Ratio	Lower	Upper
198	100		
51	34.6	17.3	57.3
105	44.8	26.2	66.2



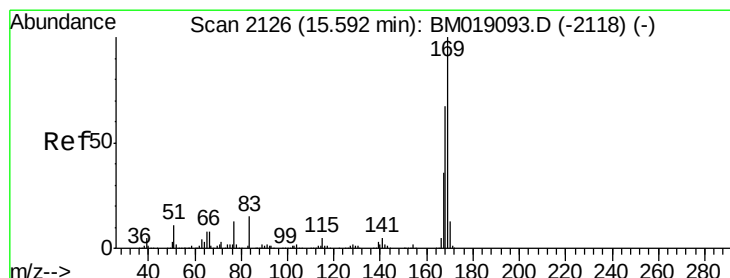
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019147.D (-2105) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.263 ng

RT: 15.59 min Scan# 2142

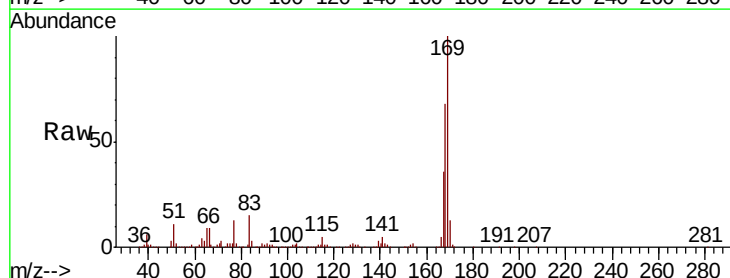
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:169 Resp: 1879724

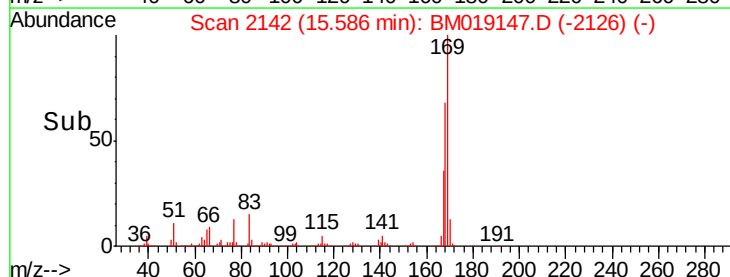
Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	35.7	28.8	43.2



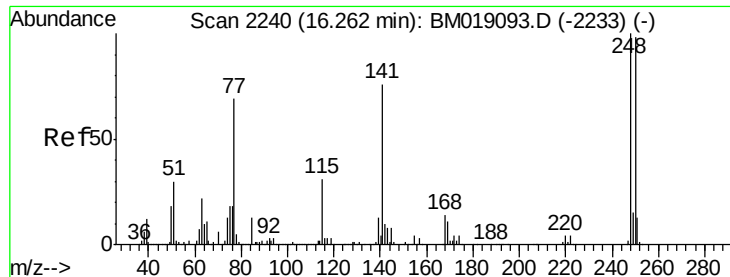
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



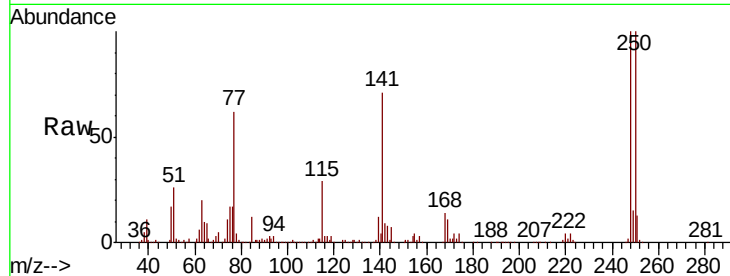
Time-->



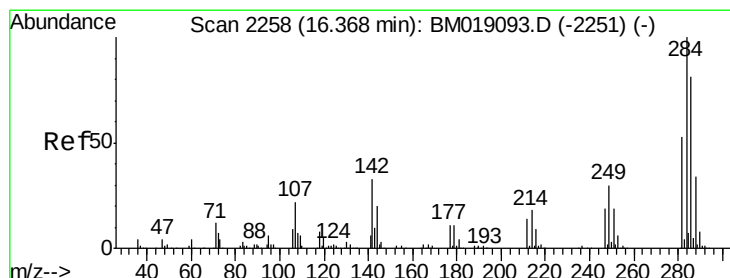
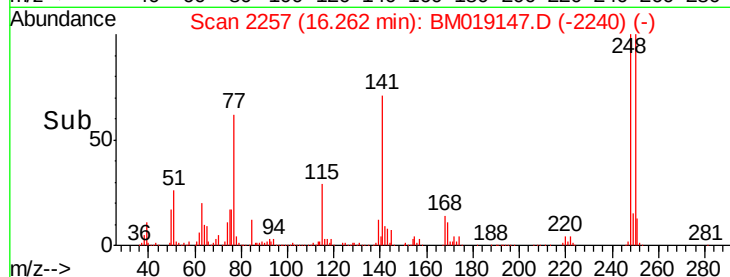
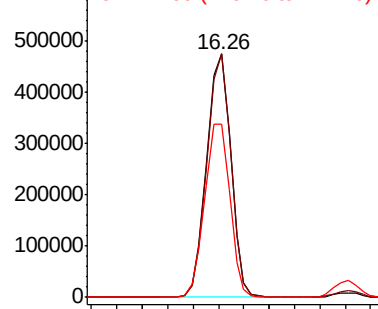
#67
4-Bromophenyl-phenylether
Concen: 39.925 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:248 Resp: 629990
Ion Ratio Lower Upper
248 100
250 99.8 78.0 117.0
141 71.0 61.0 91.4

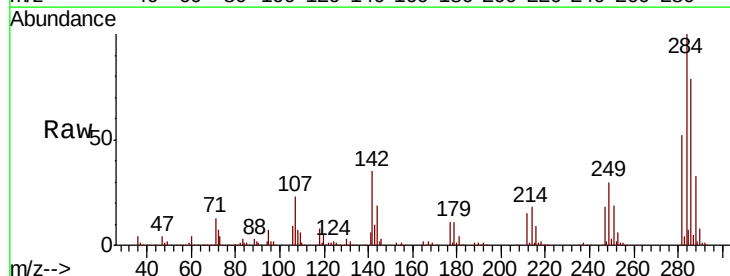


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

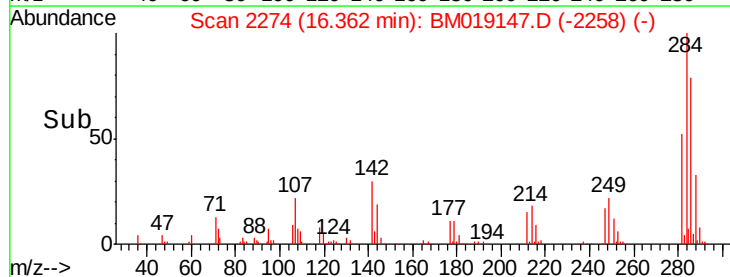
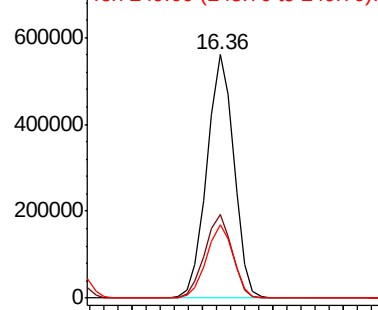


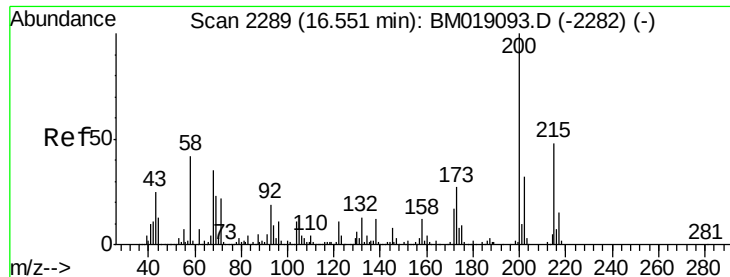
#68
Hexachlorobenzene
Concen: 39.853 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:284 Resp: 747628
Ion Ratio Lower Upper
284 100
142 34.5 26.3 39.5
249 30.0 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.271 ng

RT: 16.55 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

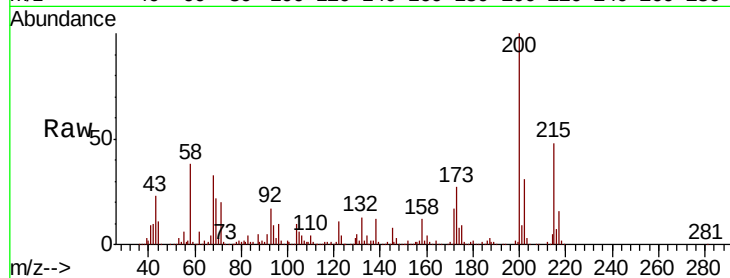
Tot Ion:200 Resp: 678881

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

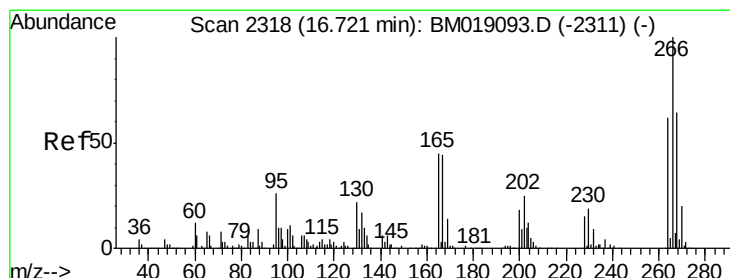
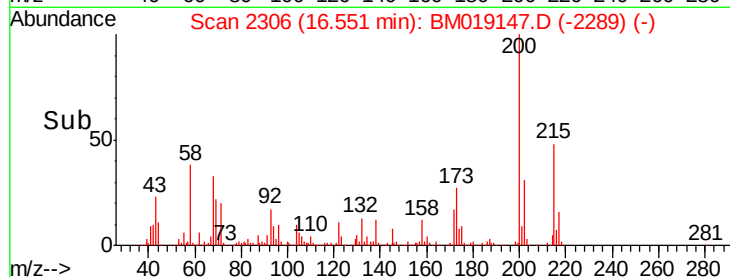
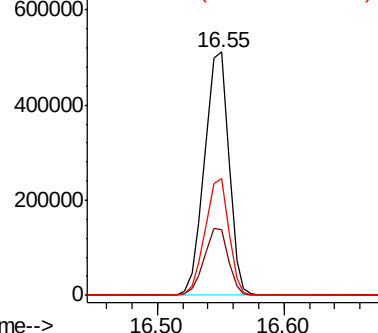
215 47.8 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.078 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

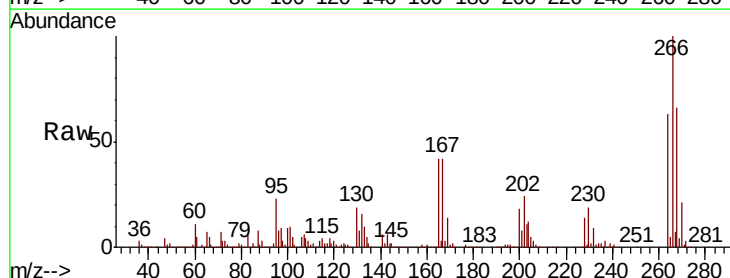
Tgt Ion:266 Resp: 927682

Ion Ratio Lower Upper

266 100

268 66.2 51.3 76.9

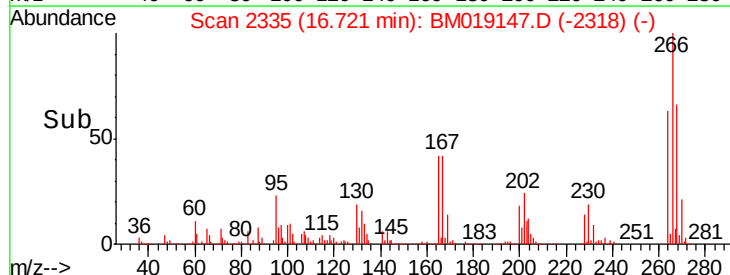
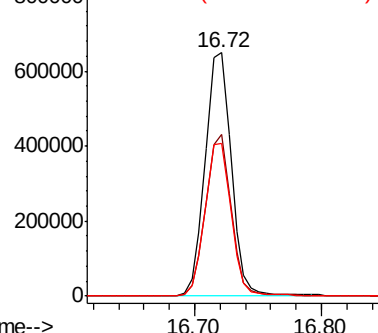
264 62.6 50.0 75.0

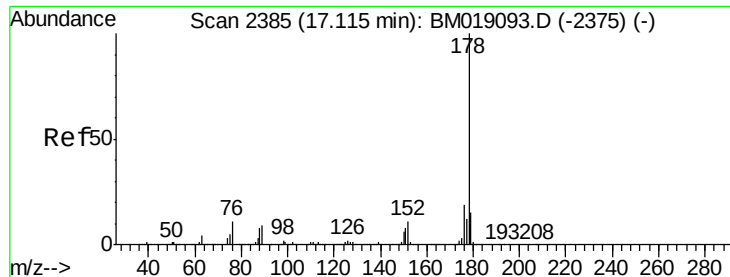


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

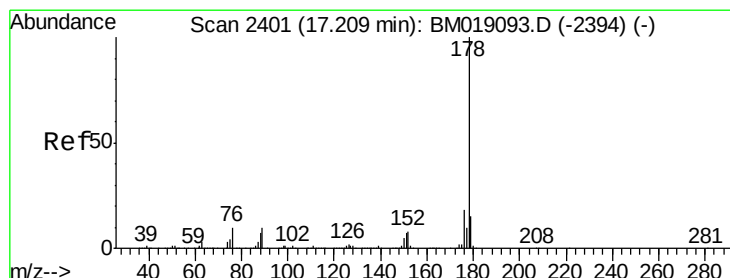
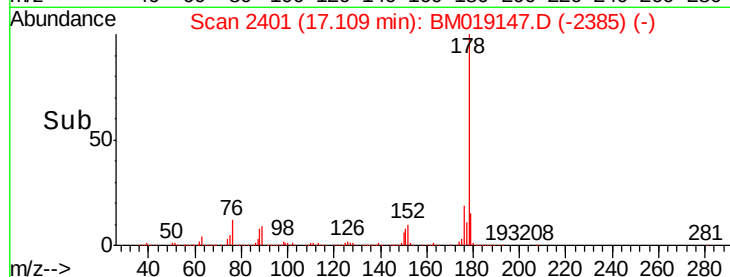
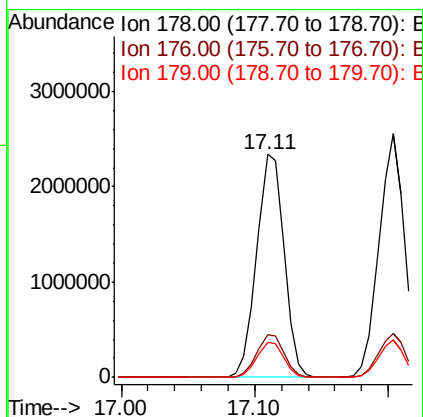
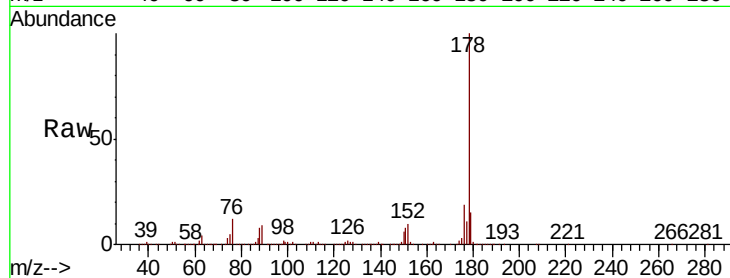




#71
Phenanthrene
Concen: 39.561 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

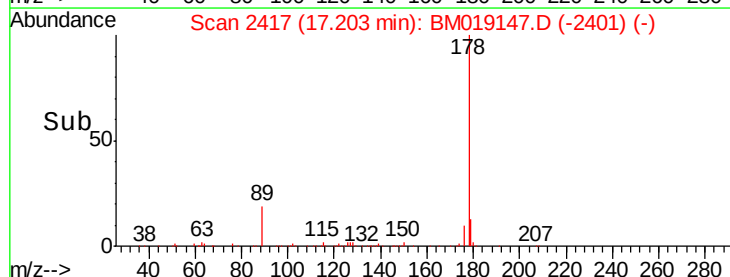
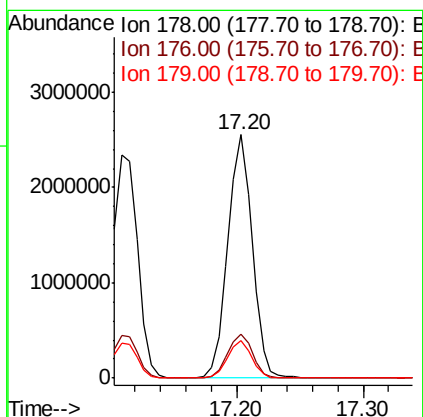
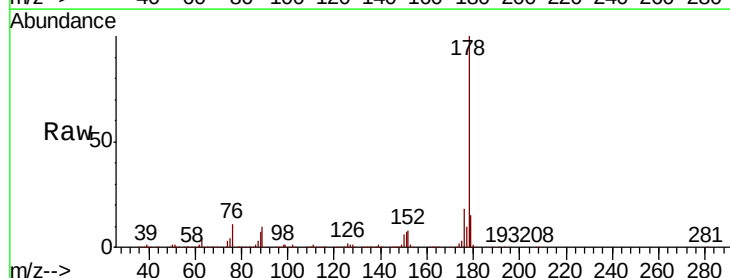
Instrument :
BNA_M
ClientSampleId :
TP-24MSD

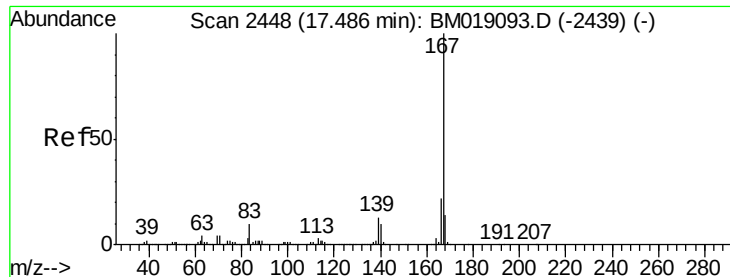
Tot Ion:178 Resp: 3317941
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.2 18.2



#72
Anthracene
Concen: 41.321 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:178 Resp: 3392657
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 11.9 17.9



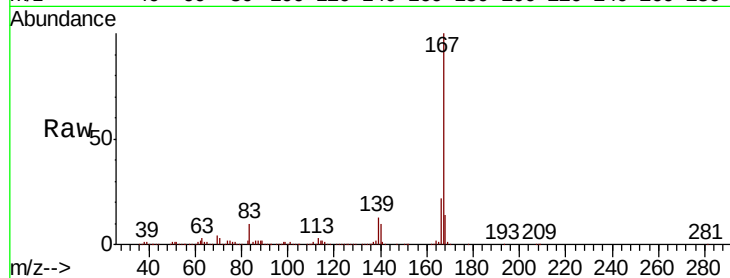


#73
 Carbazole
 Concen: 41.285 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

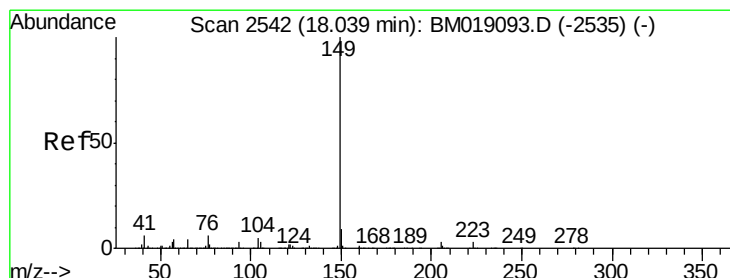
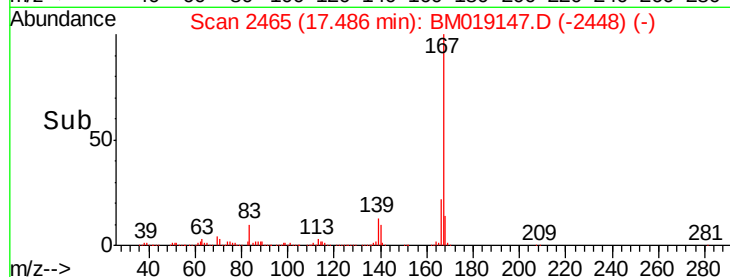
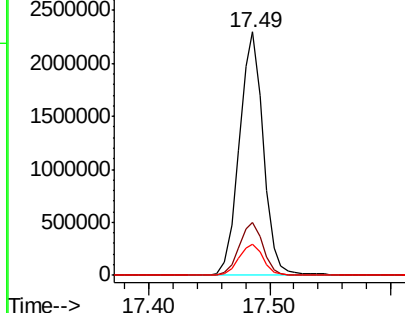
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MSD

Tot Ion:167 Resp: 3199297

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.8	10.5	15.7



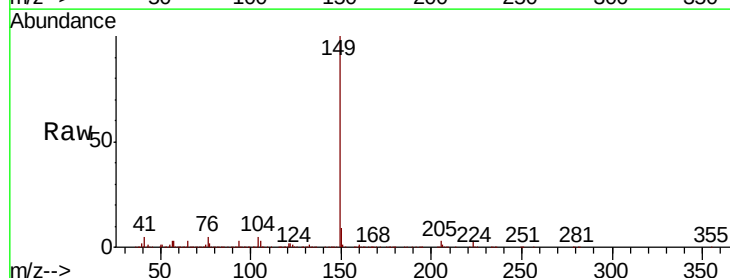
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



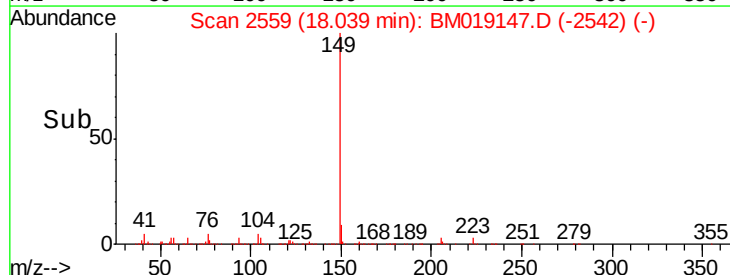
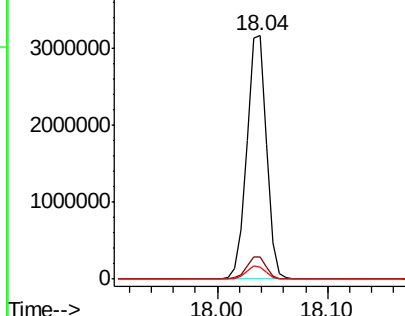
#74
 Di-n-butylphthalate
 Concen: 42.455 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM019147.D
 Acq: 13 Mar 2019 15:50

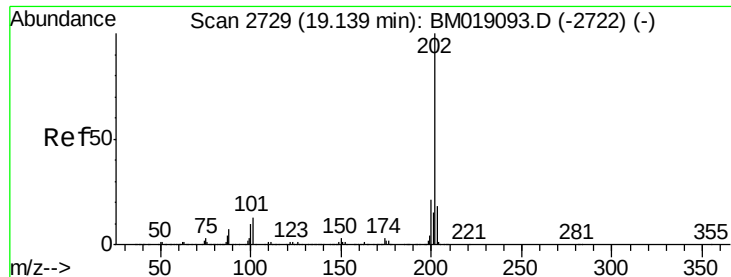
Tgt Ion:149 Resp: 3978434

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.4



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: 39.776 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

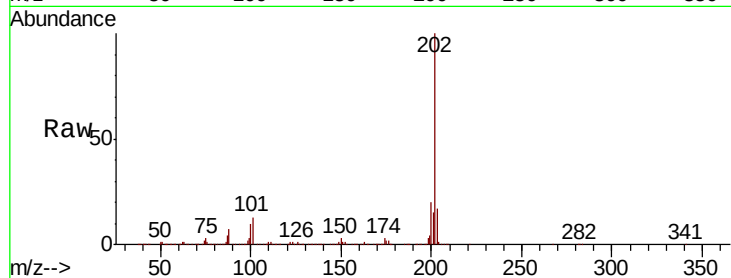
Tot Ion:202 Resp: 3827935

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.0

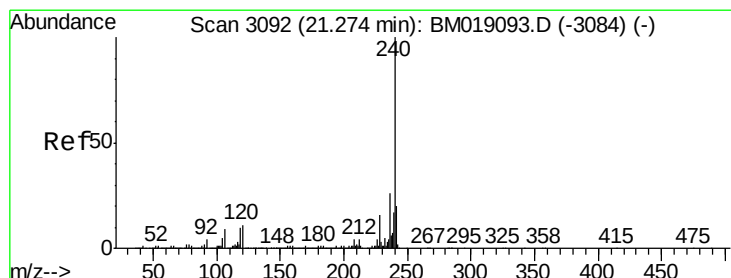
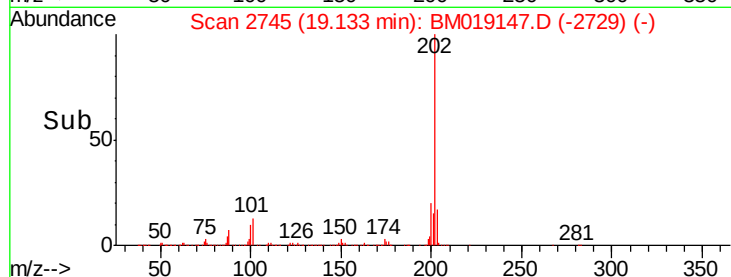
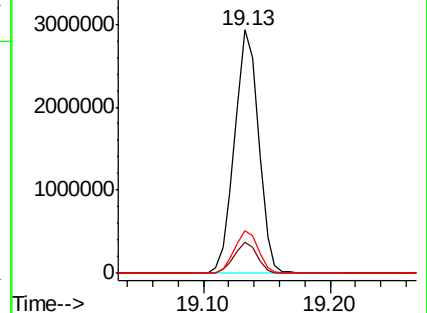
203 17.4 0.0 37.8



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

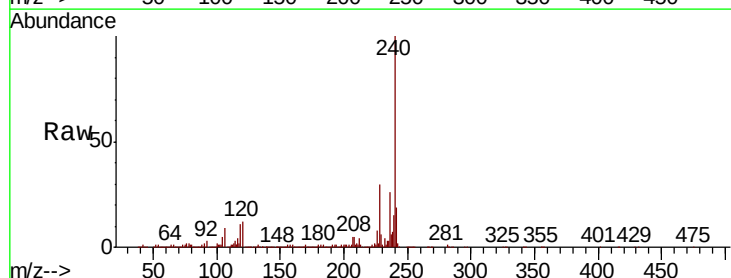
Tgt Ion:240 Resp: 1470043

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

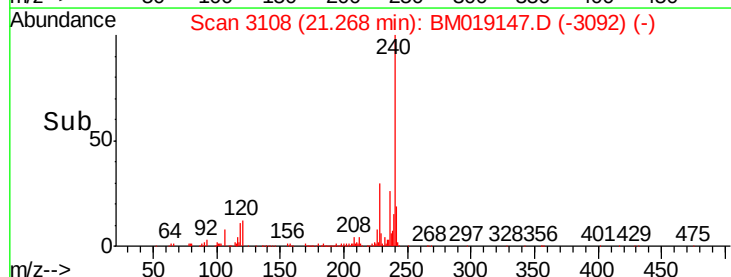
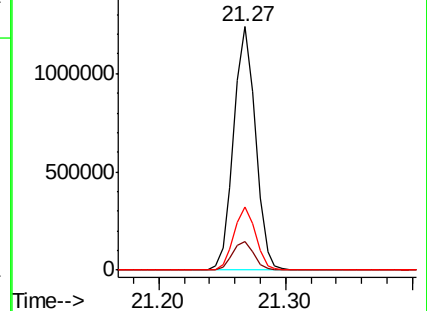
236 25.9 21.0 31.4

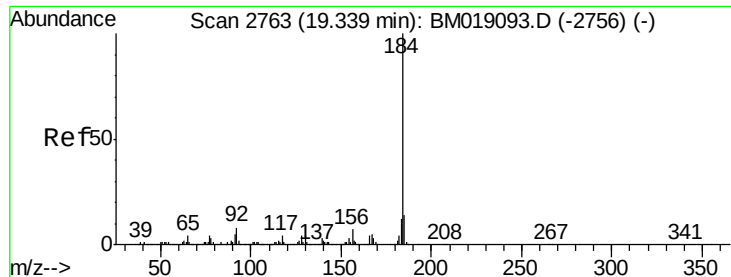


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.676 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

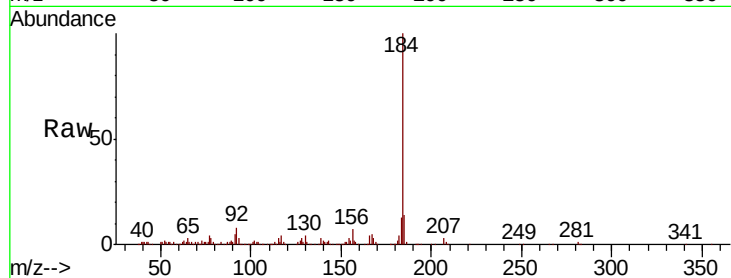
Tot Ion:184 Resp: 486774

Ion Ratio Lower Upper

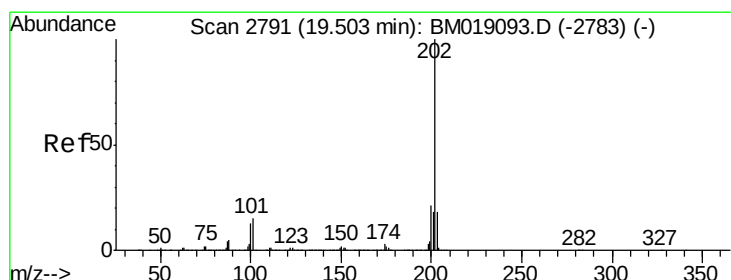
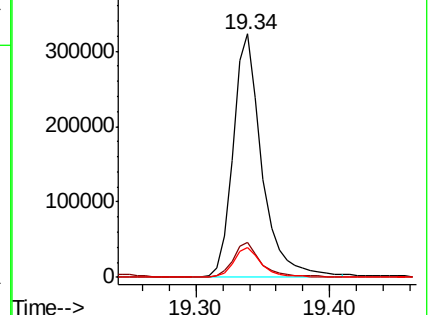
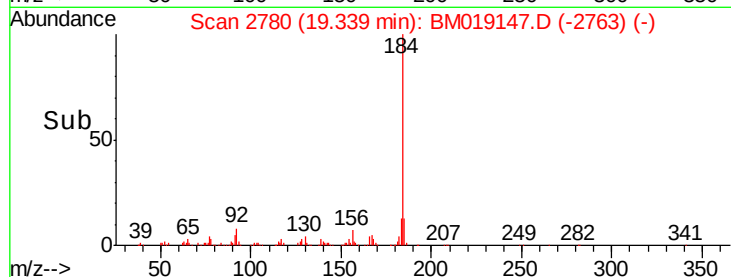
184 100

185 14.2 11.0 16.4

183 12.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.801 ng

RT: 19.50 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

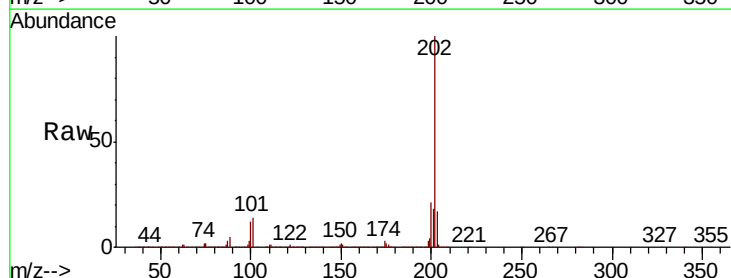
Tgt Ion:202 Resp: 3887954

Ion Ratio Lower Upper

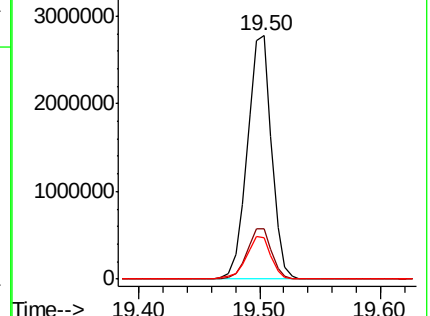
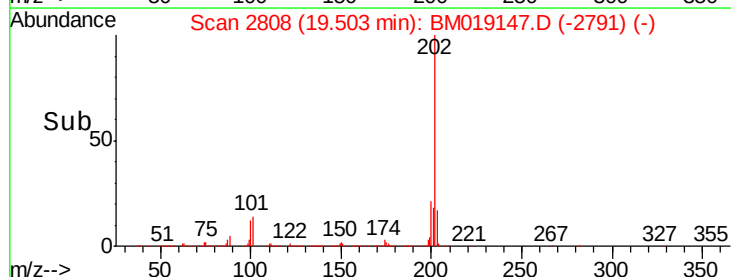
202 100

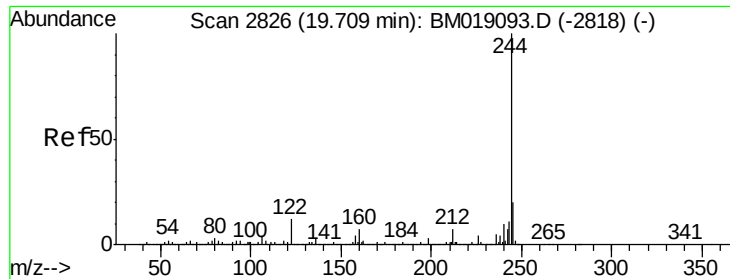
200 20.7 16.9 25.3

203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.234 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

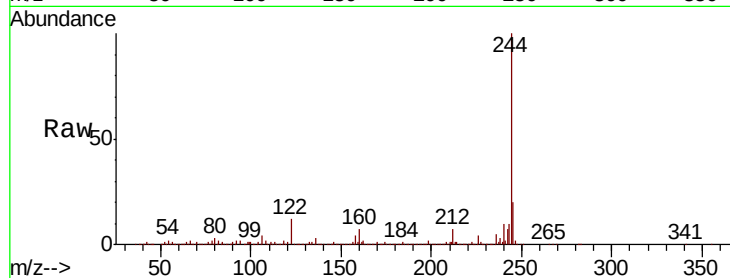
Tot Ion:244 Resp: 6311513

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

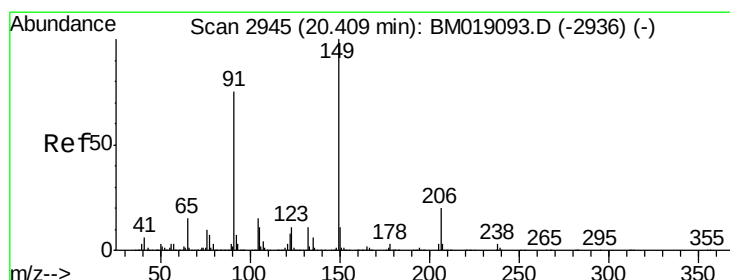
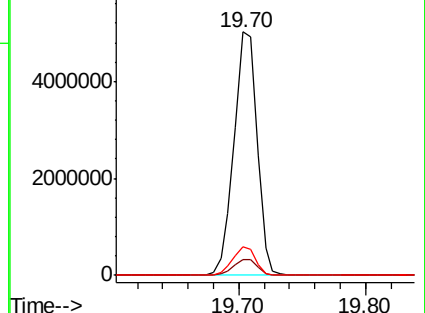
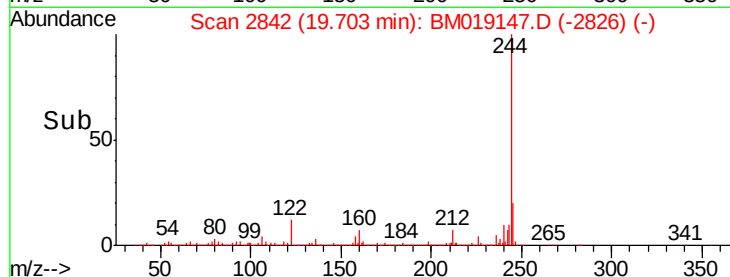
122 11.8 9.4 14.2



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: 46.464 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

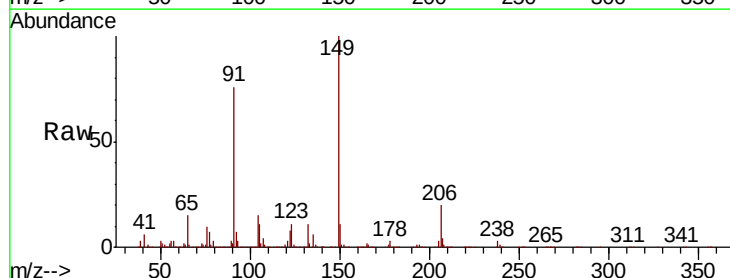
Tgt Ion:149 Resp: 1882352

Ion Ratio Lower Upper

149 100

91 76.0 60.1 90.1

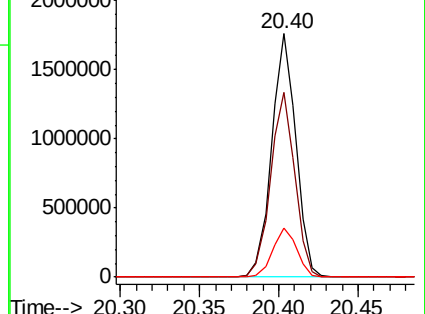
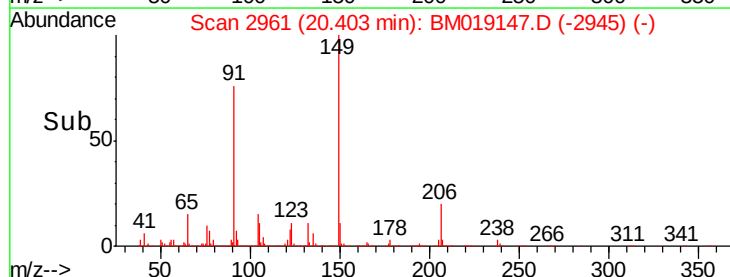
206 20.0 16.2 24.2

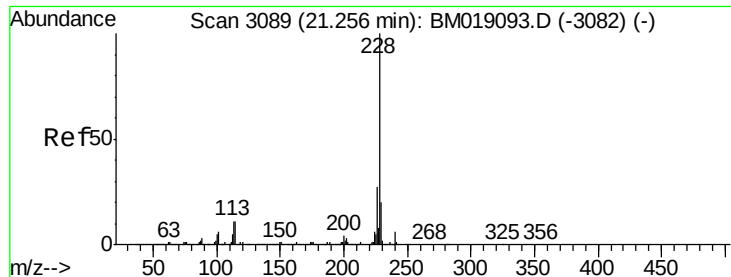


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.942 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

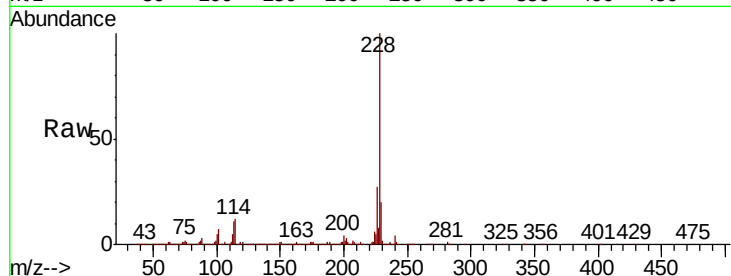
BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:228 Resp: 3591403

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.2	15.8	23.6

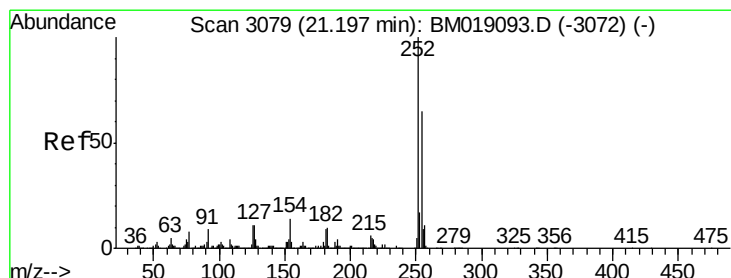
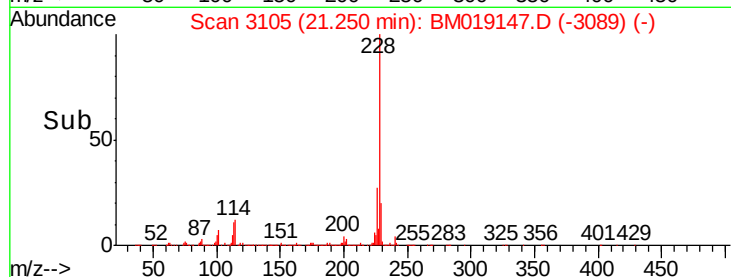
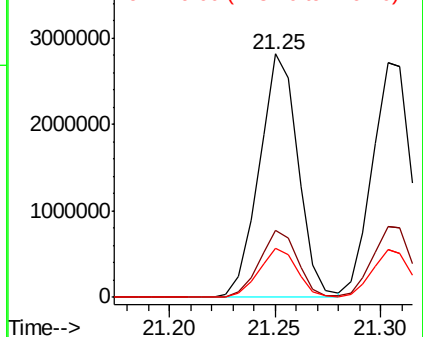


Abundance

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: 23.235 ng

RT: 21.19 min Scan# 3095

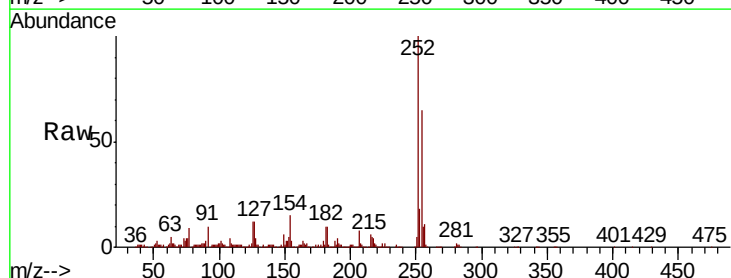
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:252 Resp: 825504

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.4	78.6
126	12.0	9.0	13.6

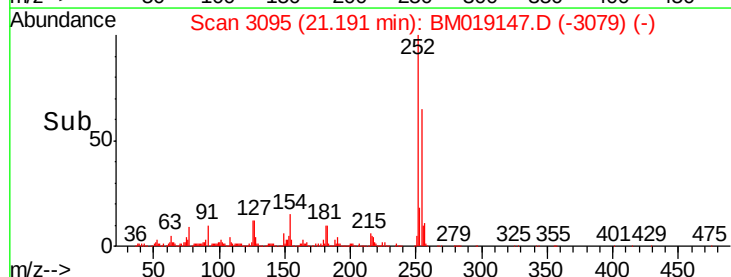
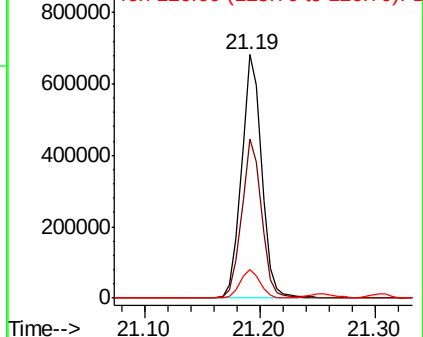


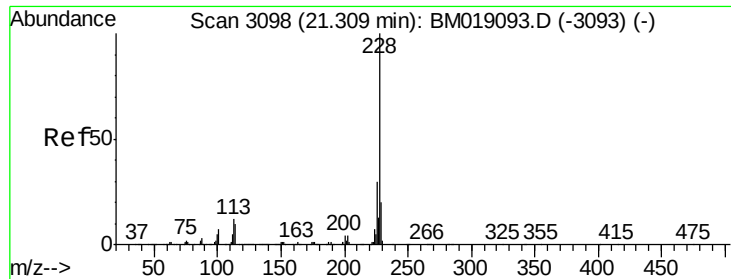
Abundance

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: 38.972 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

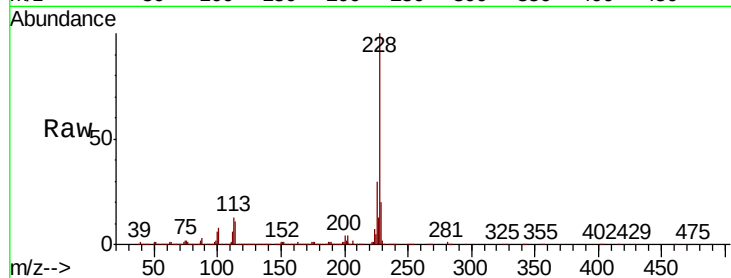
Tot Ion:228 Resp: 3477182

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

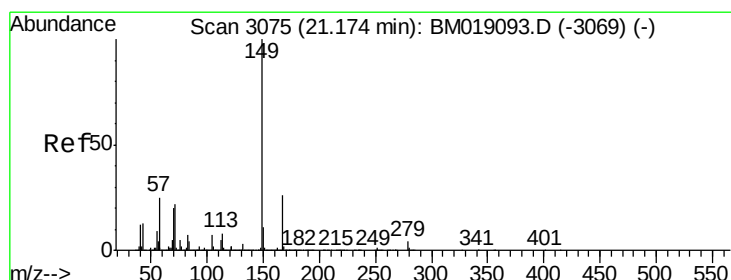
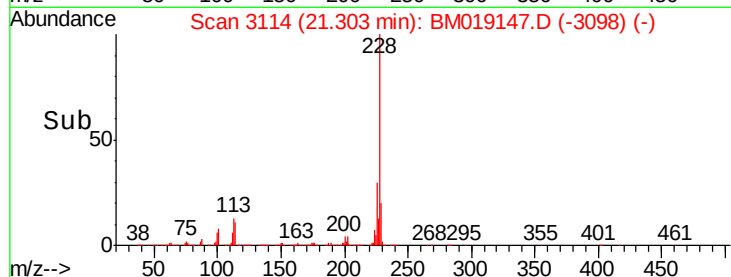
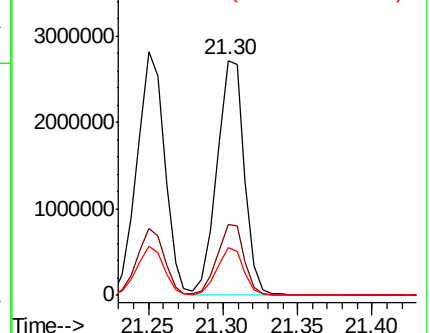
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.815 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

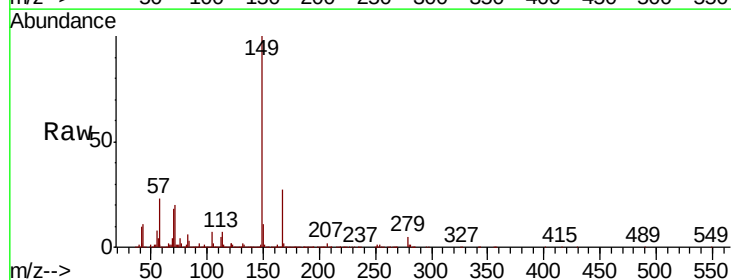
Tgt Ion:149 Resp: 2818129

Ion Ratio Lower Upper

149 100

167 27.2 21.1 31.7

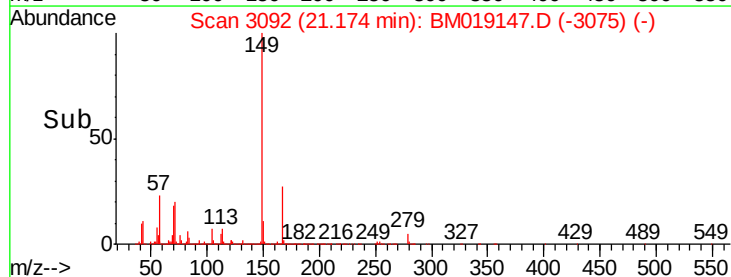
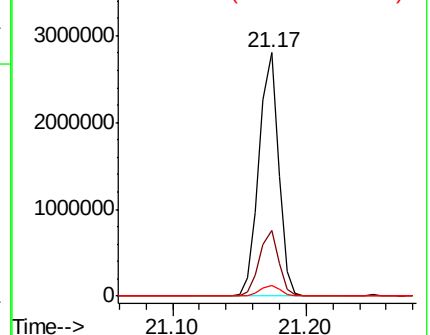
279 4.5 3.2 4.8

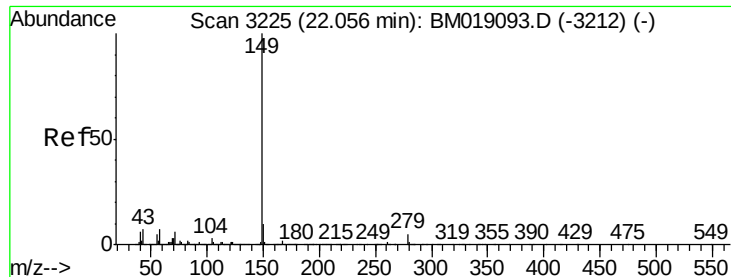


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.043 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

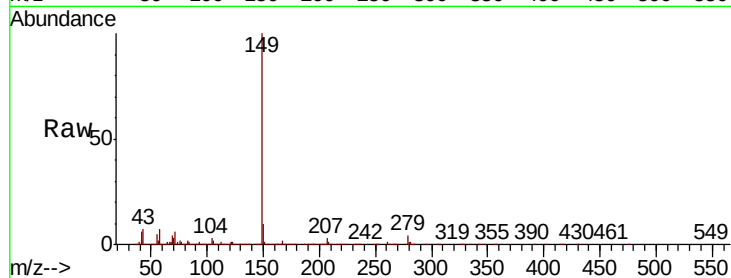
Tot Ion:149 Resp: 4668789

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

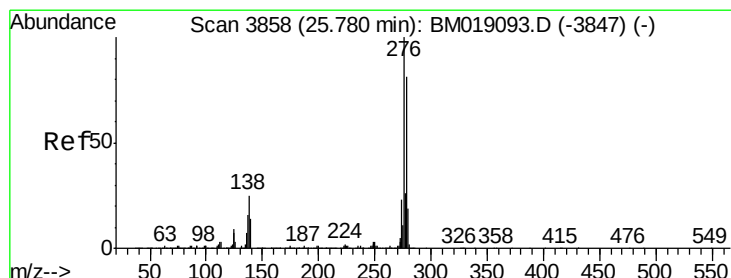
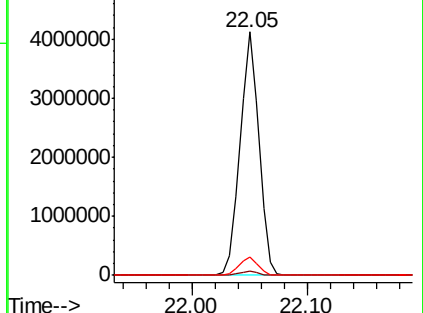
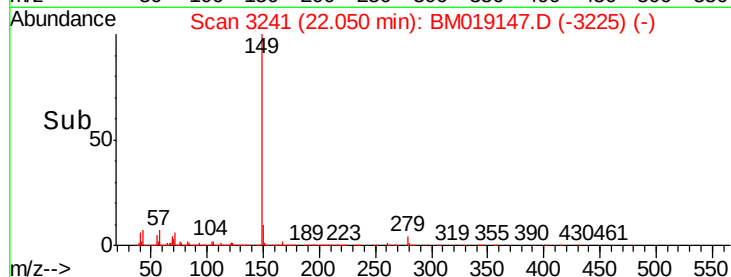
43 7.5 6.1 9.1



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: 35.653 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

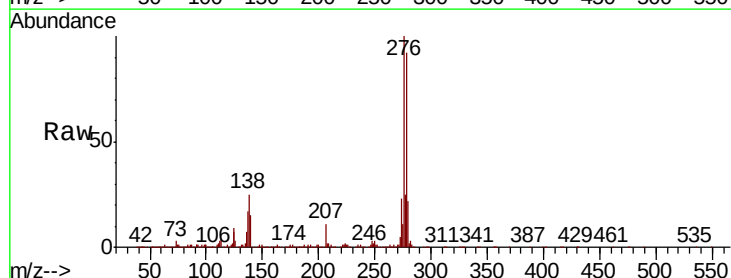
Tgt Ion:276 Resp: 3424311

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

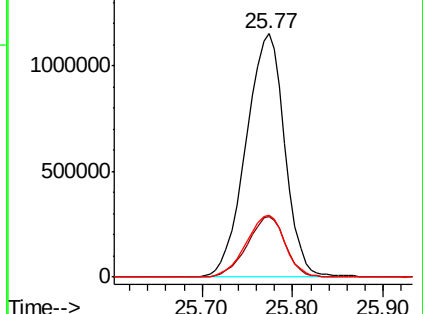
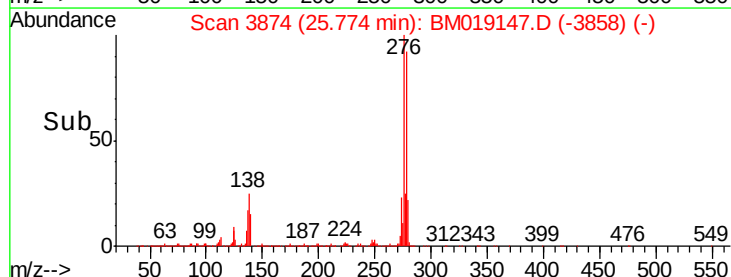
277 25.5 20.3 30.5

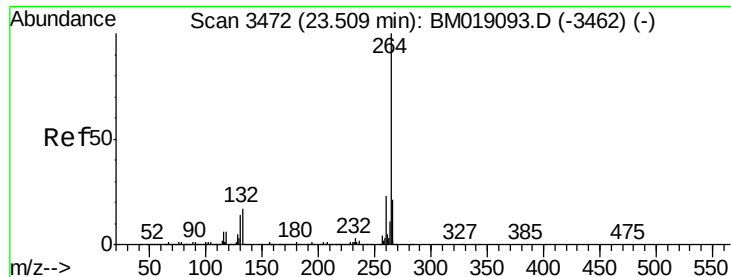


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



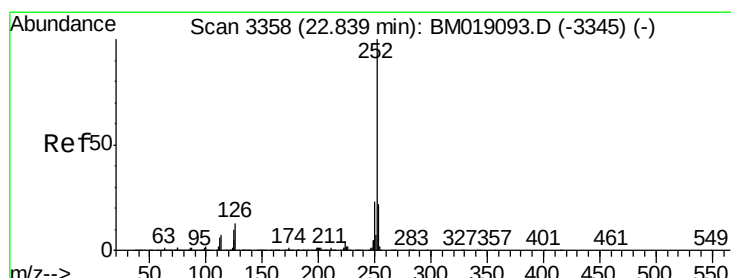
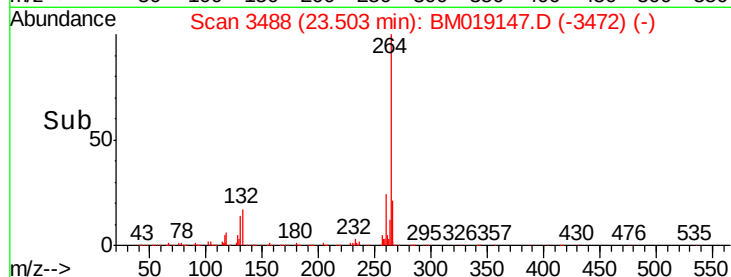
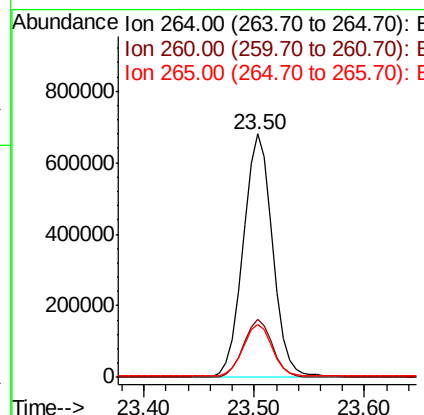
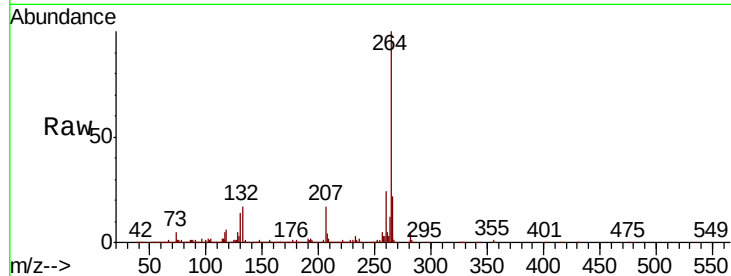


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Tot Ion:264 Resp: 1278123

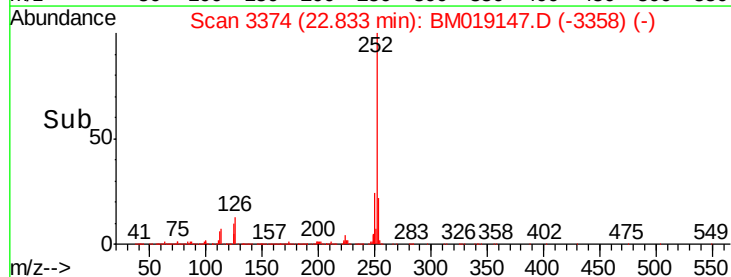
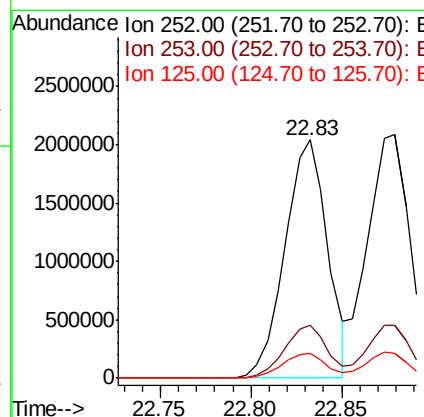
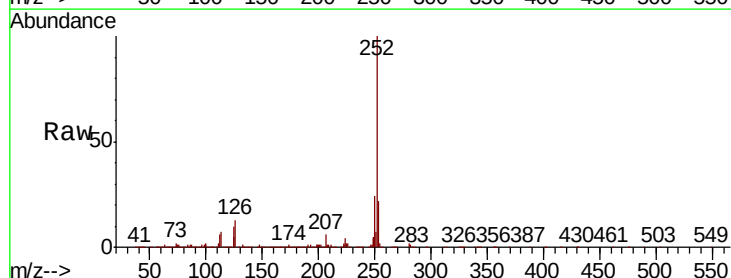
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.7	17.3	25.9

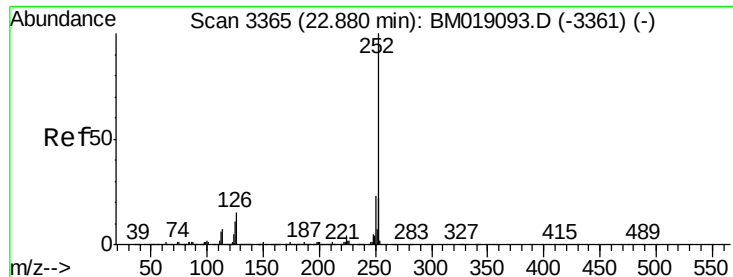


#88
Benzo(b)fluoranthene
Concen: 40.407 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM019147.D
Acq: 13 Mar 2019 15:50

Tgt Ion:252 Resp: 3346496

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.3	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 44.781 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

BNA_M

ClientSampleId :

TP-24MSD

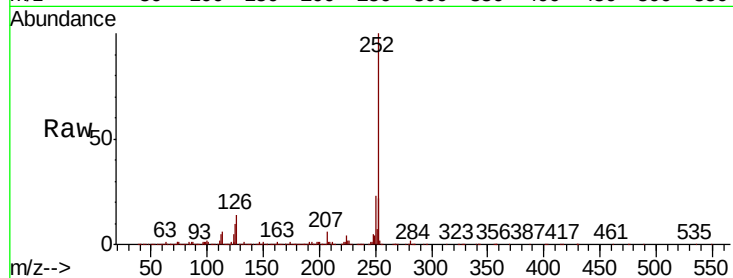
Tot Ion:252 Resp: 3411223

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

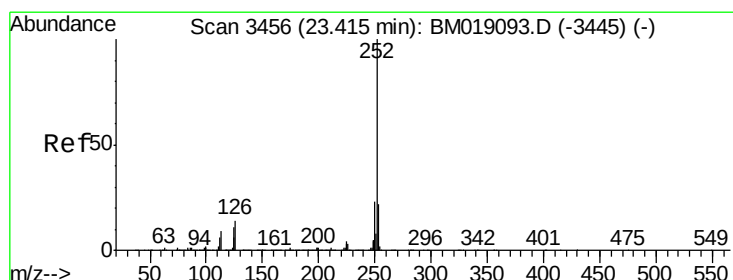
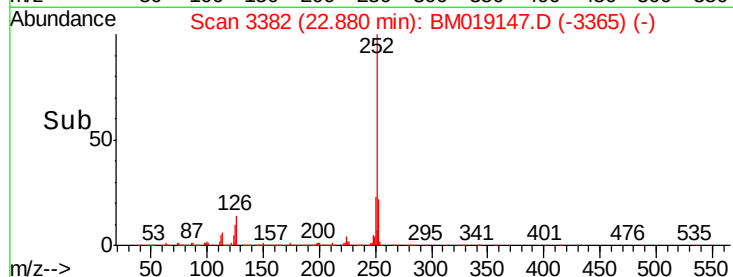
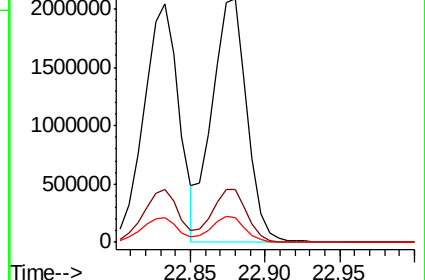
125 10.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.251 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

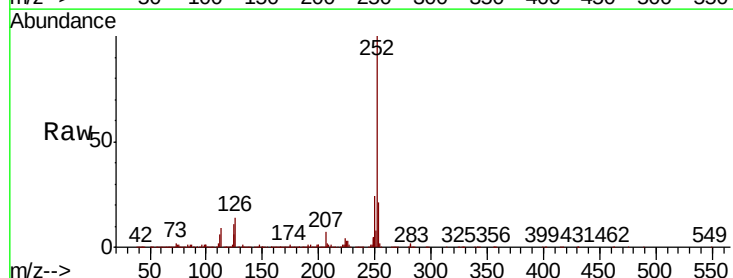
Tgt Ion:252 Resp: 3144615

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

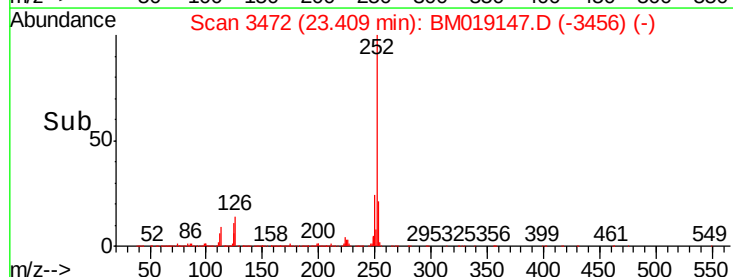
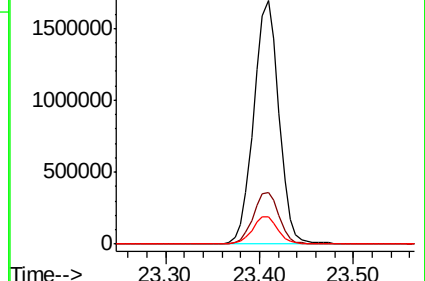
125 11.3 9.2 13.8

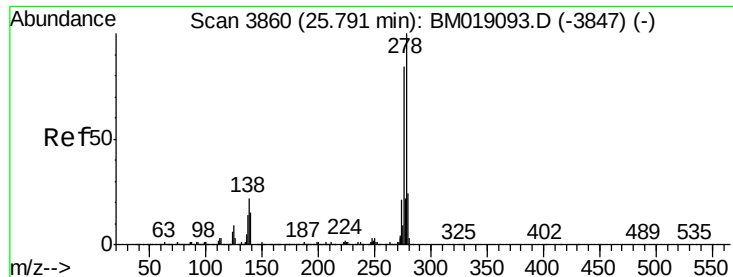


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.158 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Instrument :

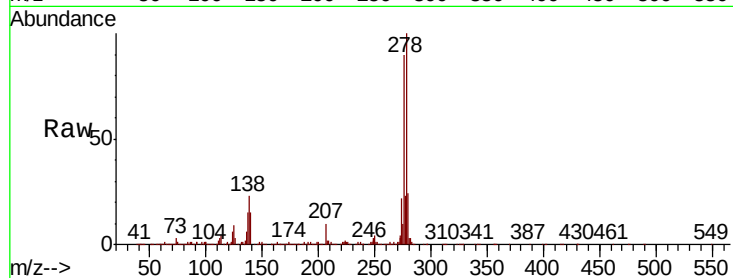
BNA_M

ClientSampleId :

TP-24MSD

Tot Ion:278 Resp: 2930305

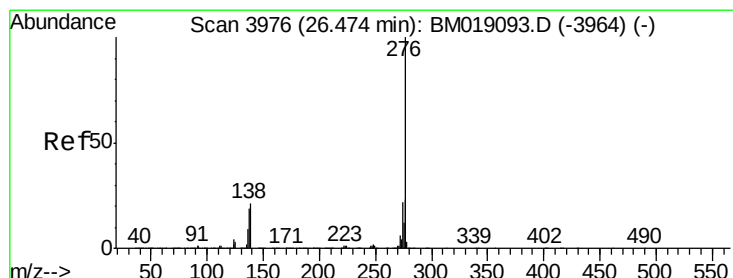
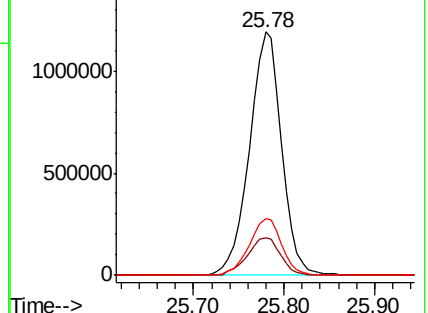
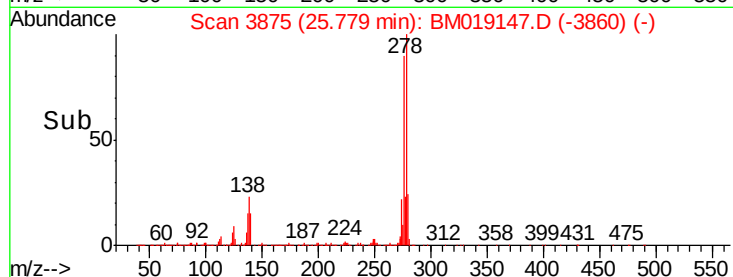
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	23.6	18.9	28.3



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: 41.185 ng

RT: 26.46 min Scan# 3991

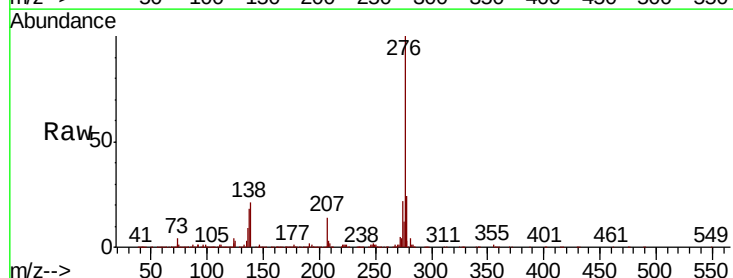
Delta R.T. -0.01 min

Lab File: BM019147.D

Acq: 13 Mar 2019 15:50

Tgt Ion:276 Resp: 2692087

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	17.0	25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

