

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019281.D
 Acq On : 21 Mar 2019 04:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:17:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	179168	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	885894	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	538166	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1176323	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1100396	20.00	ng	0.00
87) Perylene-d12	23.47	264	922843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	878113	79.37	ng	0.00
7) Phenol-d6	6.82	99	1368684	84.58	ng	0.00
23) Nitrobenzene-d5	8.80	82	1477535	78.84	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	664580	83.64	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3293261	79.60	ng	0.00
79) Terphenyl-d14	19.69	244	5012242	90.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	176900	35.944	ng	99
3) Pyridine	3.60	79	559597	41.793	ng	99
4) n-Nitrosodimethylamine	3.52	42	155581	37.376	ng	99
6) Aniline	6.98	93	868119	41.551	ng	99
8) 2-Chlorophenol	7.20	128	542995	40.843	ng	99
9) Benzaldehyde	6.80	77	391020	38.415	ng	99
10) Phenol	6.84	94	737823	42.306	ng	97
11) bis(2-Chloroethyl)ether	7.07	93	537991	40.427	ng	99
12) 1,3-Dichlorobenzene	7.52	146	559943	39.799	ng	100
13) 1,4-Dichlorobenzene	7.67	146	569744	39.721	ng	98
14) 1,2-Dichlorobenzene	7.98	146	565771	40.541	ng	100
15) Benzyl Alcohol	7.89	79	556326	41.538	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	554046	40.774	ng	99
17) 2-Methylphenol	8.08	107	484584	42.639	ng	99
18) Hexachloroethane	8.69	117	210632	39.518	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	567525	42.748	ng	100
20) 3+4-Methylphenols	8.41	107	675407	43.783	ng	99
22) Acetophenone	8.46	105	966488	39.477	ng	# 99
24) Nitrobenzene	8.85	77	762519	39.122	ng	99
25) Isophorone	9.36	82	1431664	40.034	ng	99
26) 2-Nitrophenol	9.55	139	335996	41.588	ng	97
27) 2,4-Dimethylphenol	9.60	122	491322	40.906	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	842039	39.766	ng	98
29) 2,4-Dichlorophenol	10.07	162	567250	42.643	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	590784	39.387	ng	98
31) Naphthalene	10.47	128	1831239	39.219	ng	100
32) Benzoic acid	9.79	122	341507	33.573	ng	98
33) 4-Chloroaniline	10.60	127	792674	41.413	ng	99
34) Hexachlorobutadiene	10.73	225	333070	38.694	ng	97
35) Caprolactam	11.43	113	195496	41.256	ng	96
36) 4-Chloro-3-methylphenol	11.72	107	686313	41.814	ng	99
37) 2-Methylnaphthalene	12.09	142	1353556	39.892	ng	100
38) 1-Methylnaphthalene	12.31	142	1334454	39.901	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	678661	39.866	ng	100

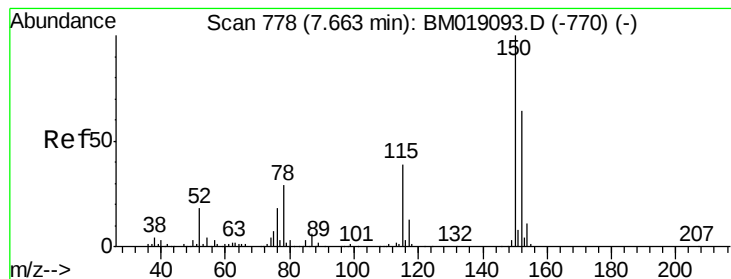
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
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 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	228146	29.587	ng	96
43) 2,4,6-Trichlorophenol	12.71	196	456123	41.461	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	492005	41.823	ng	100
46) 1,1'-Biphenyl	13.12	154	1862369	39.626	ng	100
47) 2-Chloronaphthalene	13.16	162	1399713	39.899	ng	99
48) 2-Nitroaniline	13.39	65	486504	41.351	ng	97
49) Acenaphthylene	14.01	152	2395511	40.385	ng	99
50) Dimethylphthalate	13.76	163	1820558	39.545	ng	100
51) 2,6-Dinitrotoluene	13.89	165	406289	40.825	ng	100
52) Acenaphthene	14.36	154	1344569	39.448	ng	99
53) 3-Nitroaniline	14.23	138	412254	39.112	ng	99
54) 2,4-Dinitrophenol	14.44	184	166350	28.782	ng	99
55) Dibenzofuran	14.69	168	2189609	39.835	ng	100
56) 4-Nitrophenol	14.54	139	308784	35.880	ng	99
57) 2,4-Dinitrotoluene	14.69	165	571609	39.568	ng	99
58) Fluorene	15.34	166	1816375	40.089	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	437720	39.968	ng	99
60) Diethylphthalate	15.13	149	1836793	39.394	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	880403	40.008	ng	98
62) 4-Nitroaniline	15.40	138	401770	37.823	ng	97
63) Azobenzene	15.63	77	1985649	40.471	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	269309	34.937	ng	99
66) n-Nitrosodiphenylamine	15.56	169	1529818	40.849	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	537477	41.434	ng	99
68) Hexachlorobenzene	16.34	284	639786	41.485	ng	98
69) Atrazine	16.53	200	499892	39.653	ng	98
70) Pentachlorophenol	16.70	266	351962	37.880	ng	98
71) Phenanthrene	17.09	178	2727470	39.558	ng	100
72) Anthracene	17.18	178	2703897	40.059	ng	100
73) Carbazole	17.46	167	2497515	39.203	ng	100
74) Di-n-butylphthalate	18.02	149	3177702	41.249	ng	100
75) Fluoranthene	19.12	202	3032418	38.329	ng	99
77) Benzidine	19.32	184	1275245	40.863	ng	100
78) Pyrene	19.48	202	3071826	44.121	ng	100
80) Butylbenzylphthalate	20.39	149	1399444	46.148	ng	98
81) Benzo(a)anthracene	21.23	228	2695510	39.046	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1041453	39.161	ng	99
83) Chrysene	21.29	228	2589142	38.767	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	2076258	47.062	ng	99
85) Di-n-octyl phthalate	22.03	149	3318642	44.672	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2523755	35.104	ng	100
88) Benzo(b)fluoranthene	22.80	252	2434961	40.720	ng	99
89) Benzo(k)fluoranthene	22.85	252	2208701	40.158	ng	100
90) Benzo(a)pyrene	23.38	252	2123361	39.513	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2102342	40.897	ng	100
92) Benzo(g,h,i)perylene	26.41	276	1997525	42.324	ng	100

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

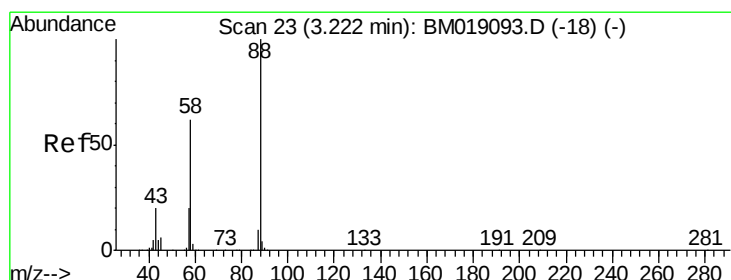
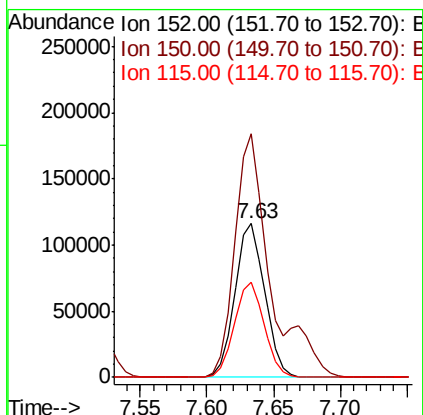
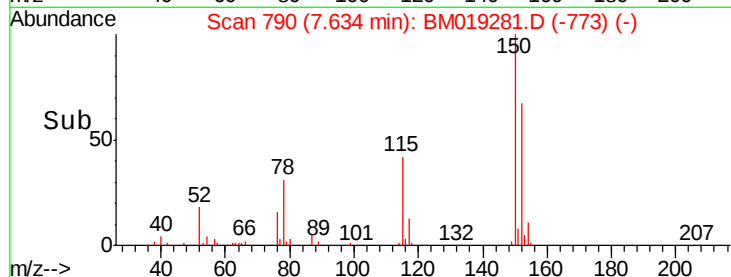
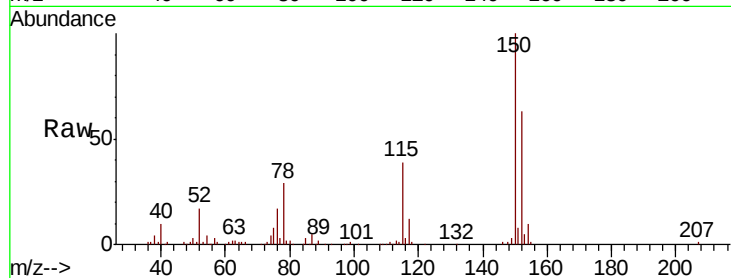


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampled :

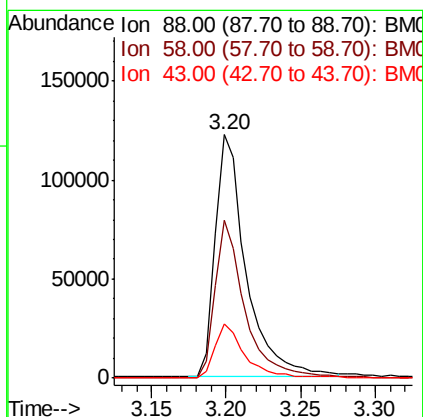
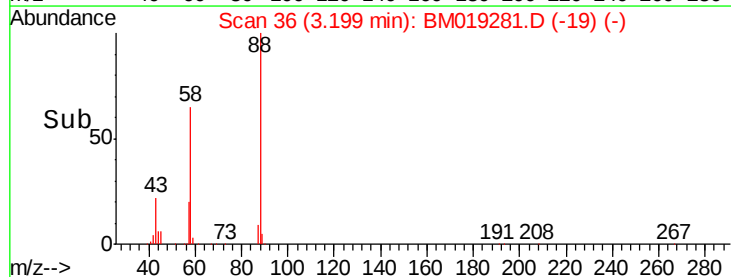
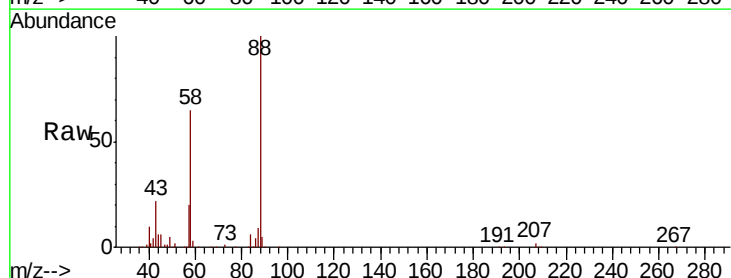
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.8	185.6
115	62.1	48.9	73.3



#2

1,4-Dioxane
Concen: 35.944 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.5	74.3
43	22.3	17.2	25.8





#3

Pvridine

Concen: 41.793 ng

RT: 3.60 min Scan# 104

Delta R.T. -0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

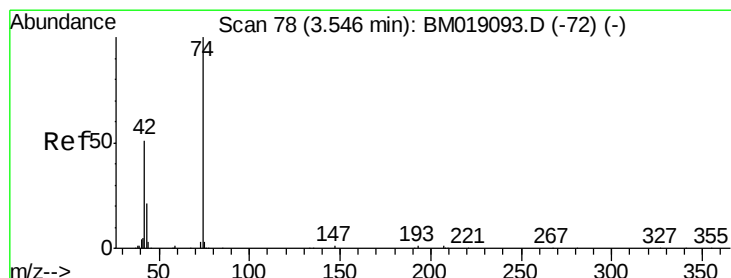
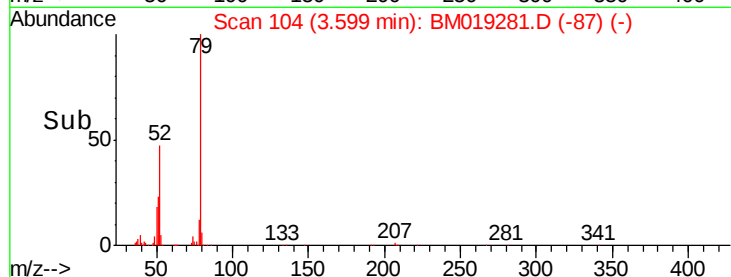
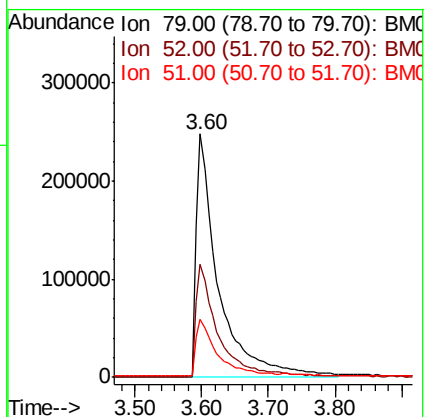
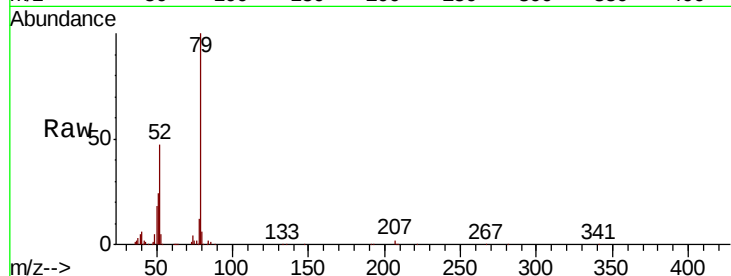
Tot Ion: 79 Resp: 559597

Ion Ratio Lower Upper

79 100

52 46.6 38.1 57.1

51 23.8 19.0 28.6



#4

n-Nitrosodimethylamine

Concen: 37.376 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

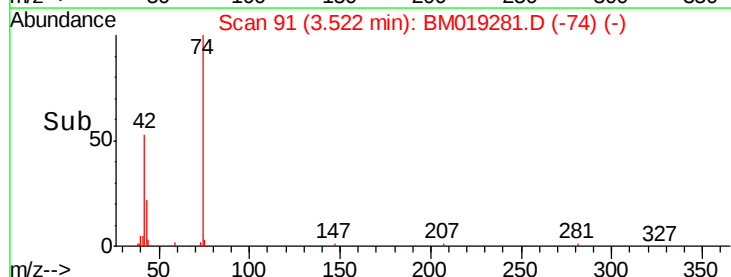
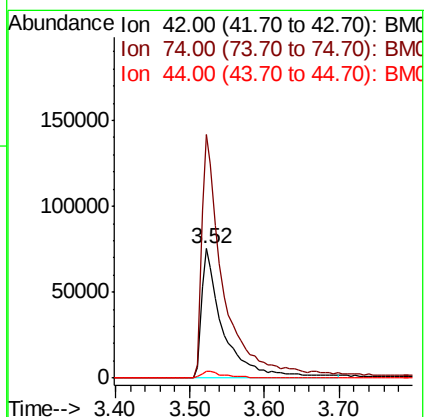
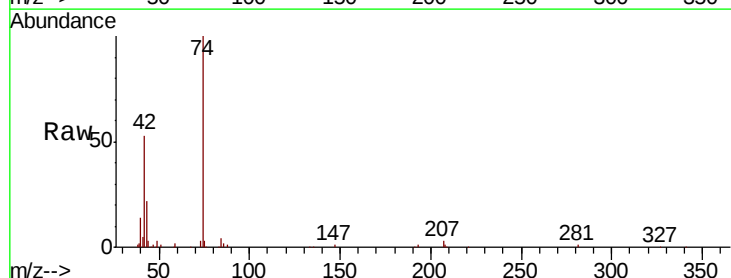
Tgt Ion: 42 Resp: 155581

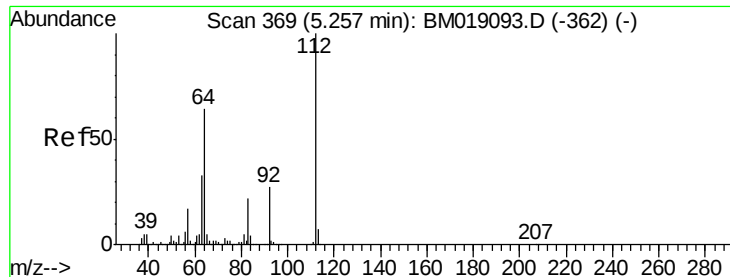
Ion Ratio Lower Upper

42 100

74 187.9 148.6 222.8

44 5.6 4.6 7.0





#5

2-Fluorophenol

Concen: 79.372 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

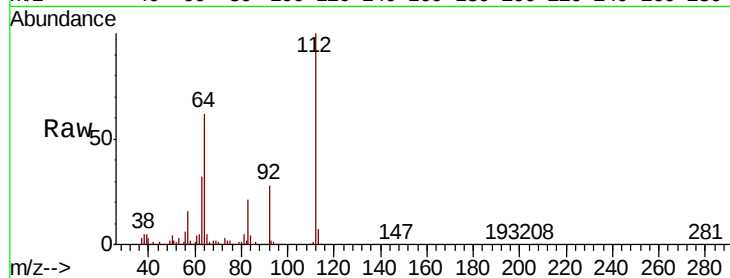
Tot Ion:112 Resp: 878113

Ion Ratio Lower Upper

112 100

64 62.3 50.6 75.8

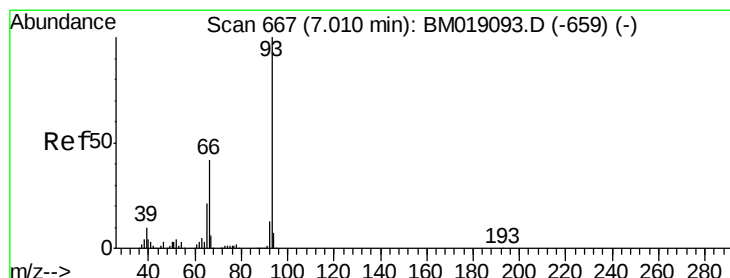
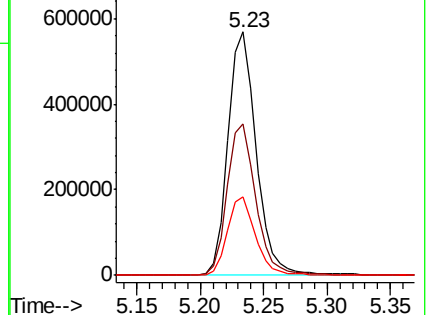
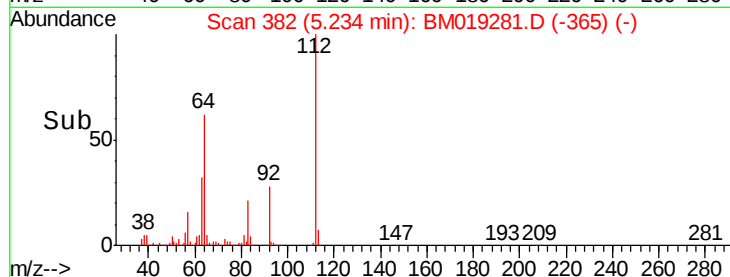
63 32.2 25.8 38.6



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: 41.551 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

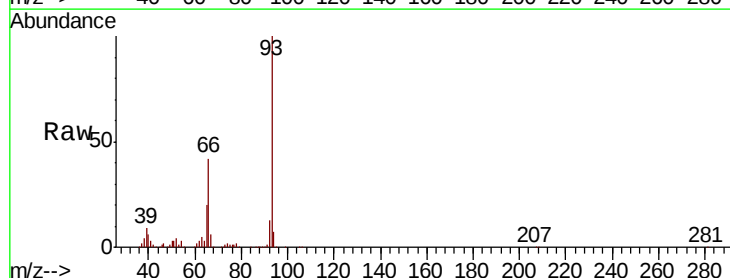
Tgt Ion: 93 Resp: 868119

Ion Ratio Lower Upper

93 100

66 41.8 32.8 49.2

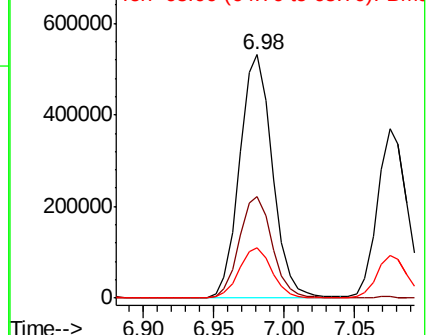
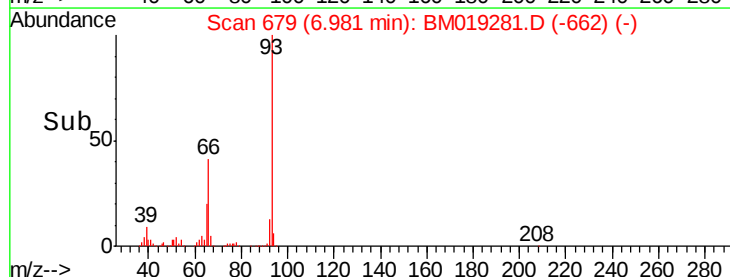
65 20.5 16.2 24.4

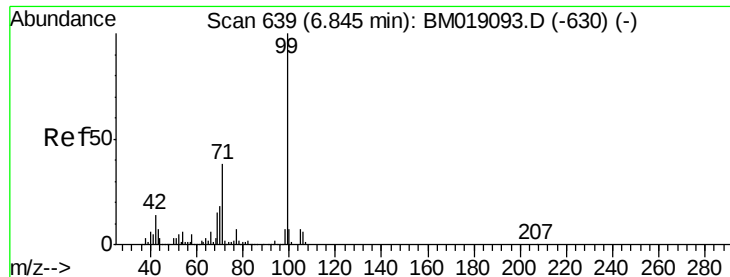


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.579 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

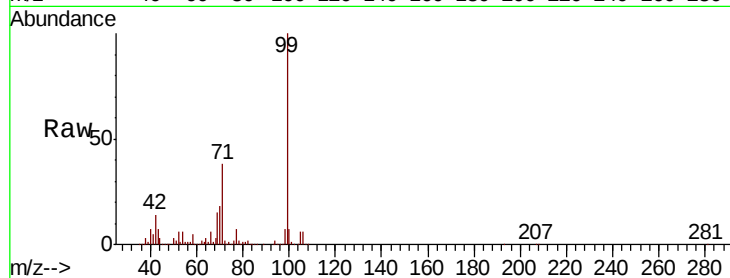
Tot Ion: 99 Resp: 1368684

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

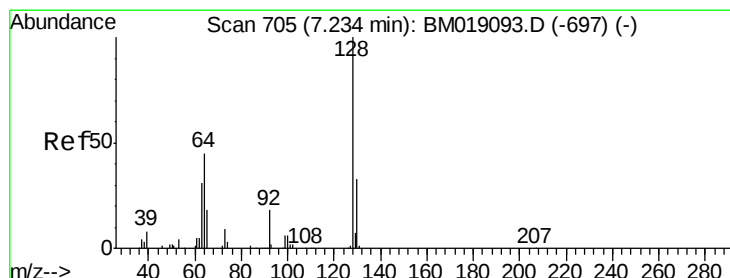
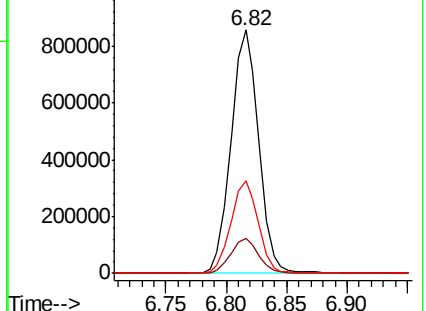
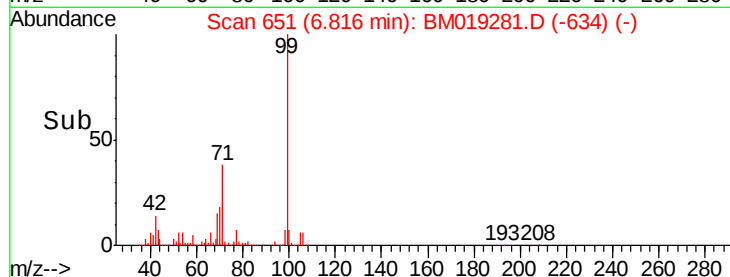
71 37.9 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 40.843 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

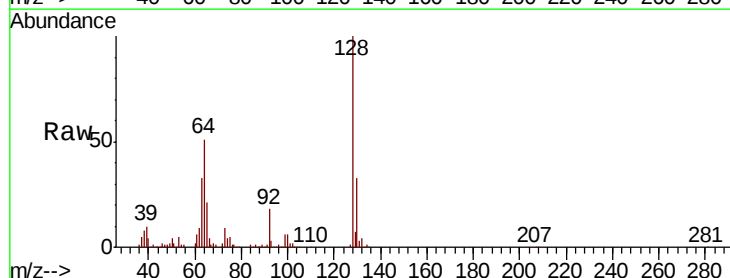
Tgt Ion: 128 Resp: 542995

Ion Ratio Lower Upper

128 100

130 32.8 11.7 51.7

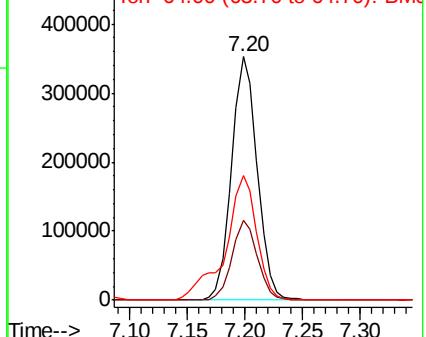
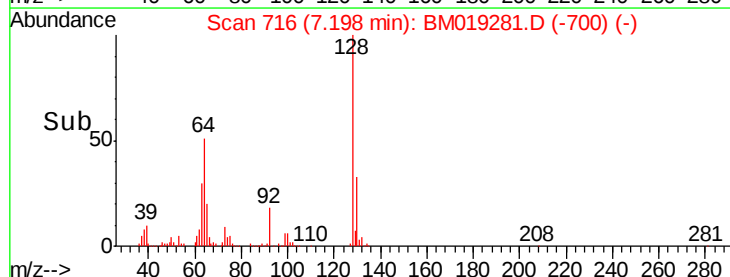
64 51.2 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 38.415 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

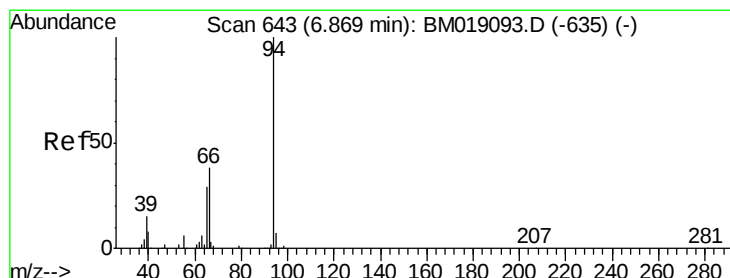
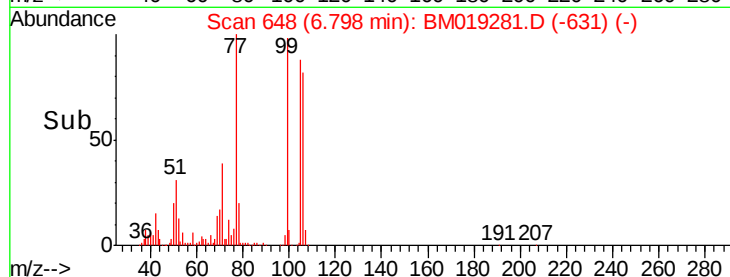
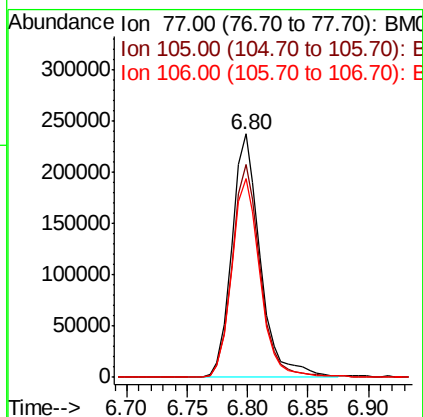
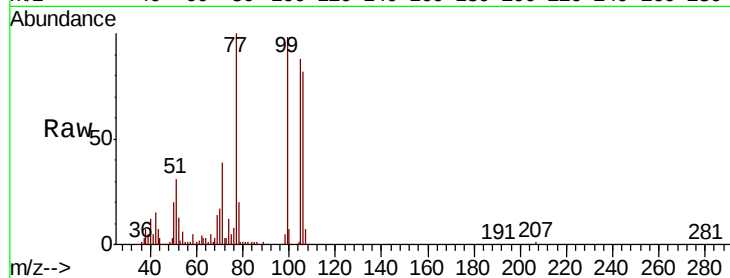
Tot Ion: 77 Resp: 391020

Ion Ratio Lower Upper

77 100

105 87.7 67.6 107.6

106 81.8 63.6 103.6



#10

Phenol

Concen: 42.306 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

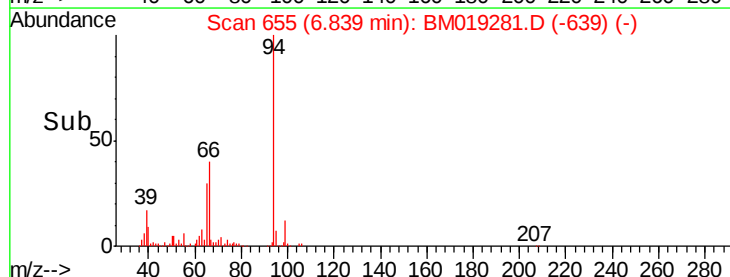
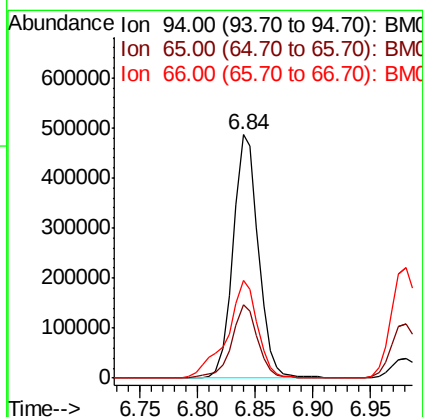
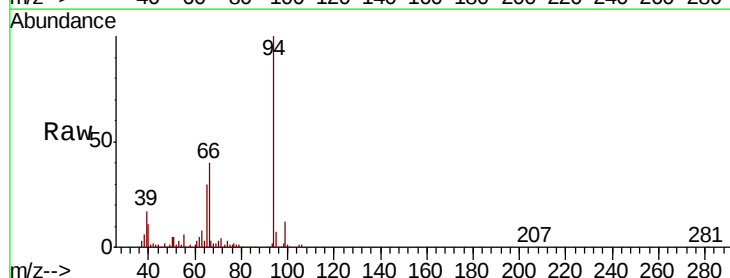
Tgt Ion: 94 Resp: 737823

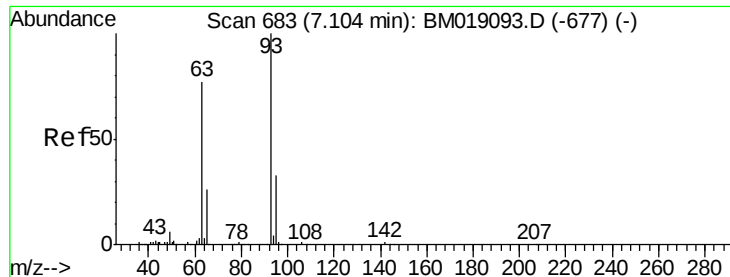
Ion Ratio Lower Upper

94 100

65 30.3 9.2 49.2

66 40.3 17.7 57.7

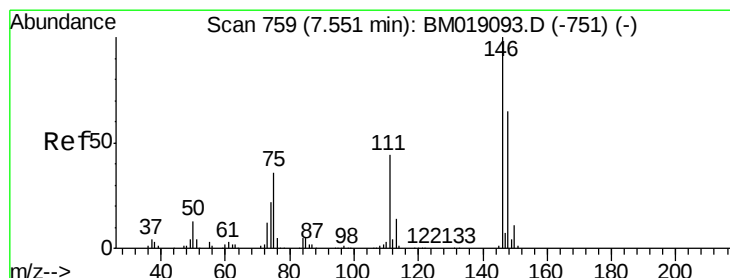
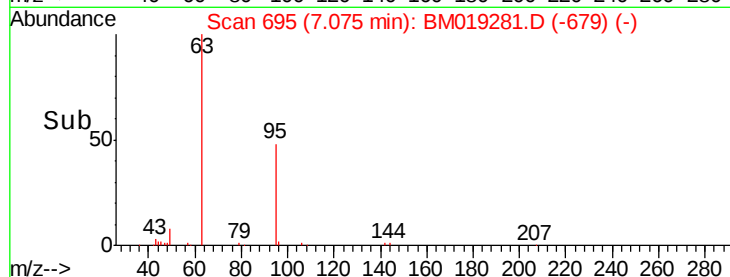
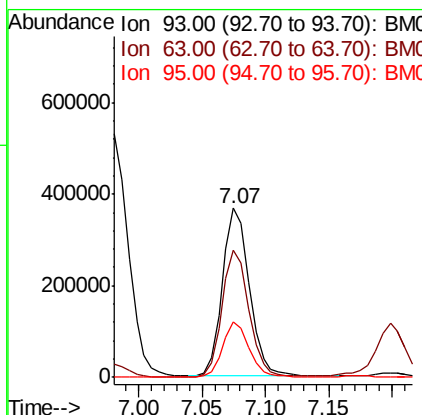
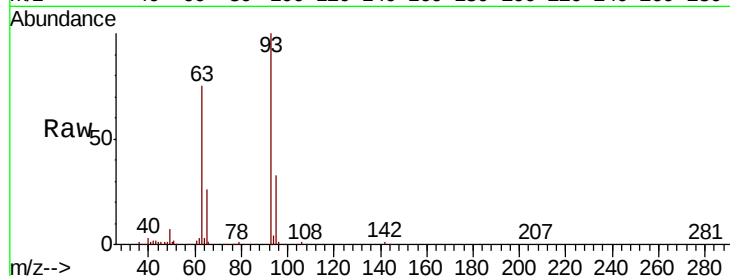




#11
bis(2-Chloroethyl)ether
Concen: 40.427 ng
RT: 7.07 min Scan# 695
Delta R.T. -0.01 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

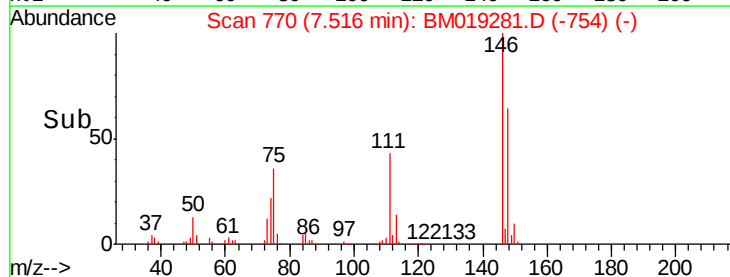
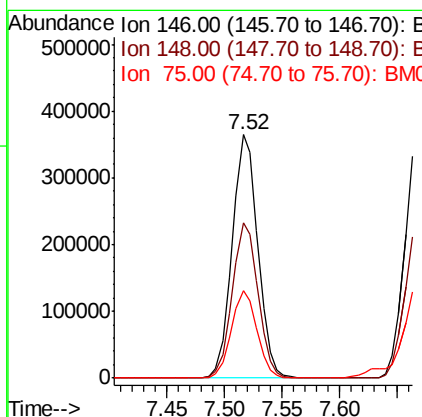
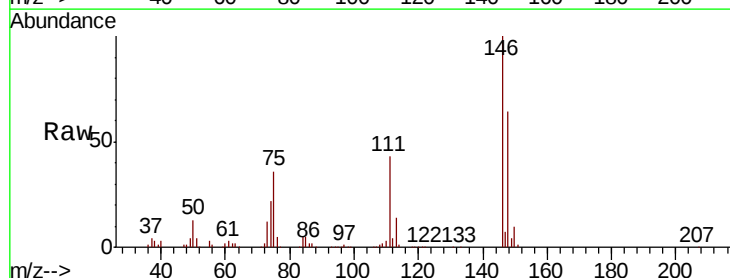
Instrument :
BNA_M
ClientSampleId :

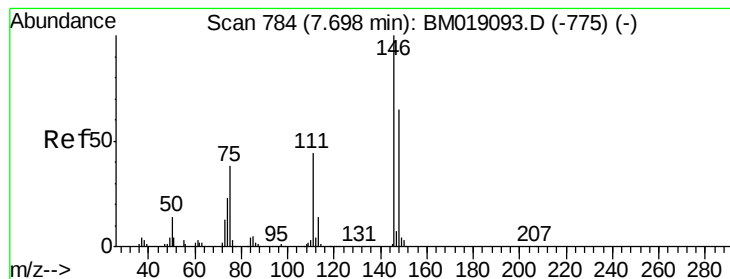
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	54.6	94.6
95	32.6	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.799 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
75	36.0	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 39.721 ng

RT: 7.67 min Scan# 796

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

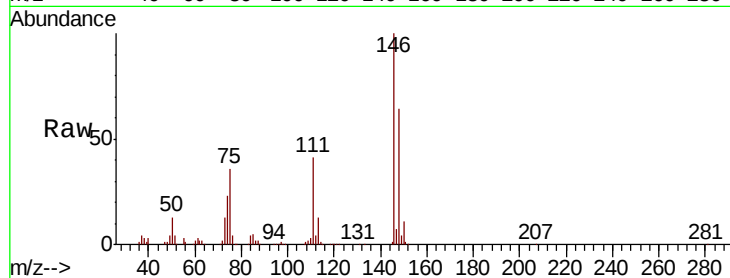
Tot Ion:146 Resp: 569744

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

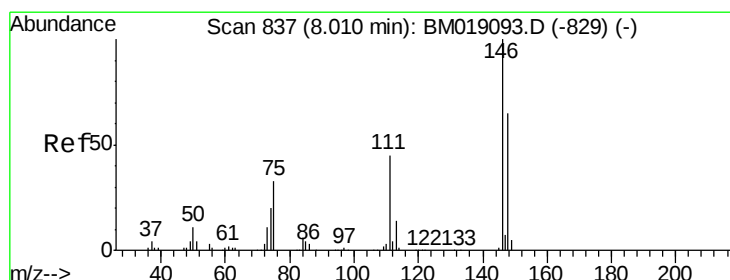
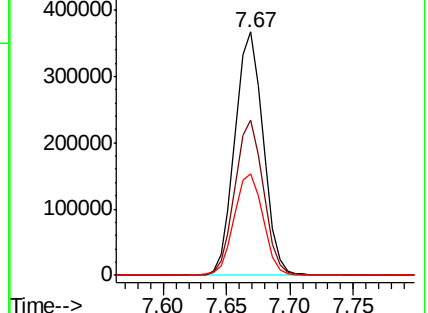
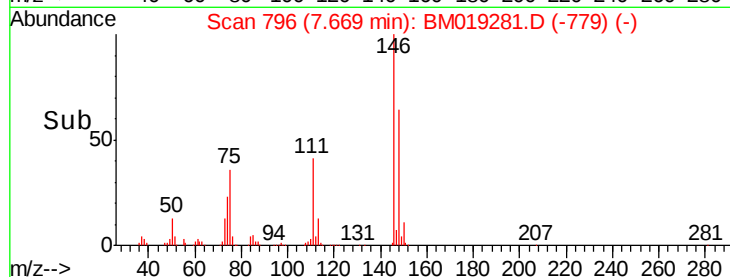
111 41.5 34.4 51.6



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: 40.541 ng

RT: 7.98 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

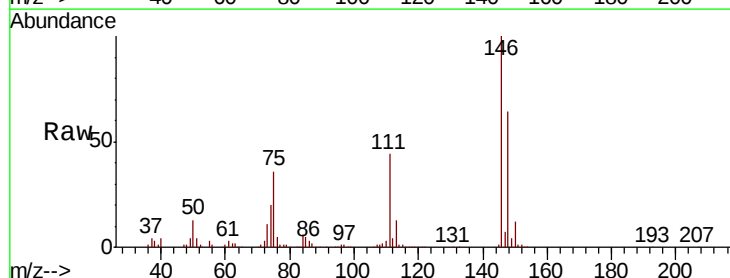
Tgt Ion:146 Resp: 565771

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

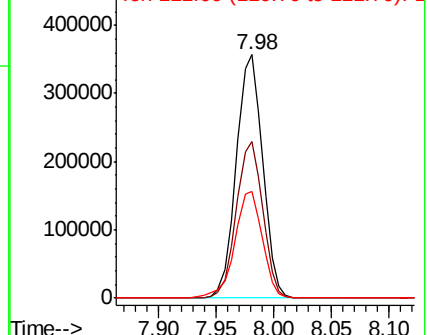
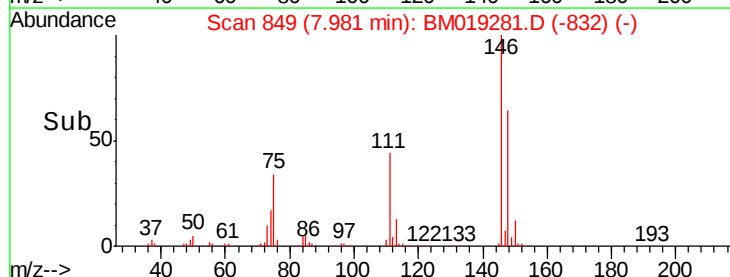
111 44.0 35.4 53.0

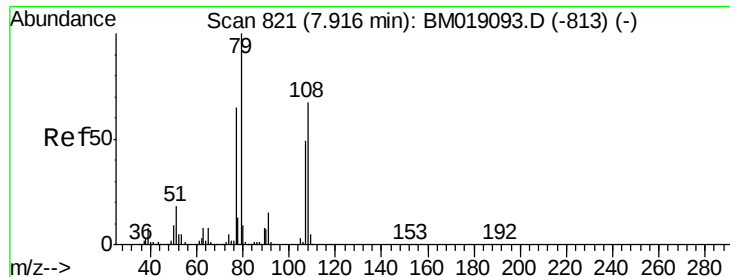


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.538 ng

RT: 7.89 min Scan# 833

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

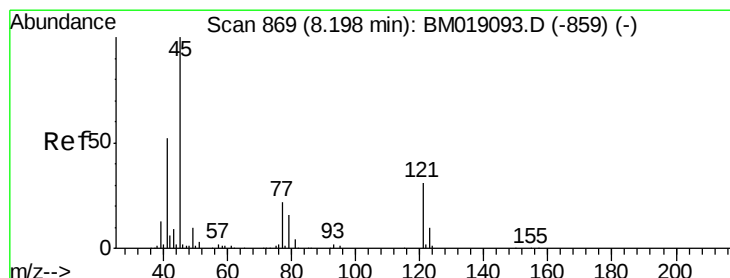
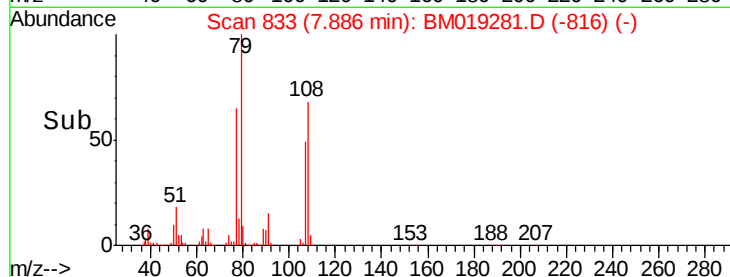
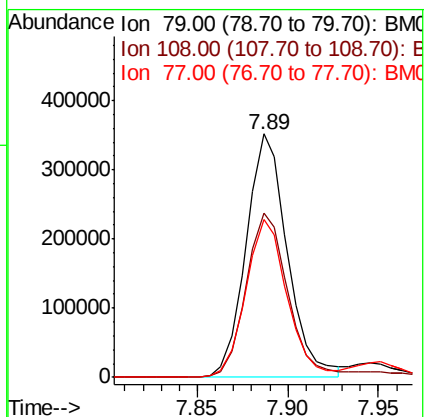
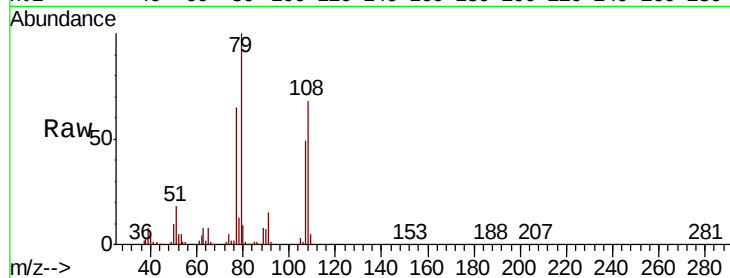
Tot Ion: 79 Resp: 556326

Ion Ratio Lower Upper

79 100

108 67.6 53.4 80.2

77 64.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.774 ng

RT: 8.16 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

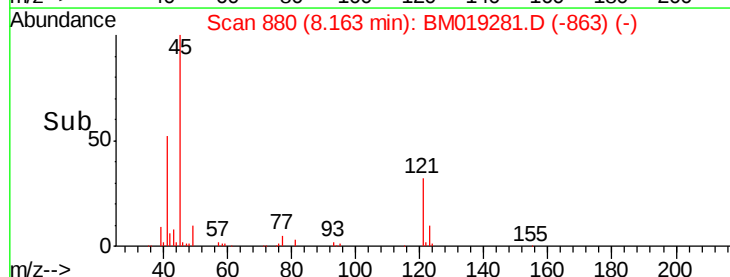
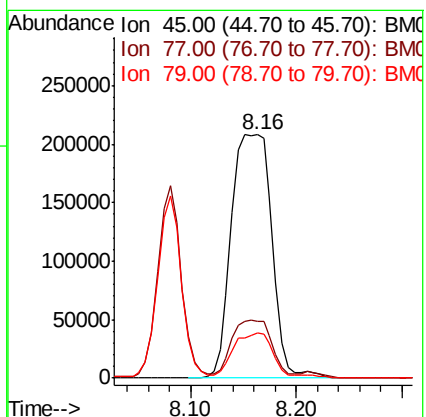
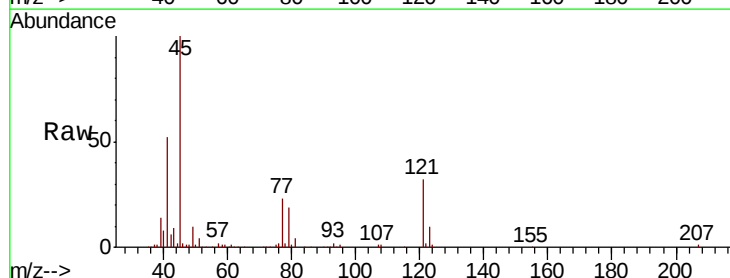
Tgt Ion: 45 Resp: 554046

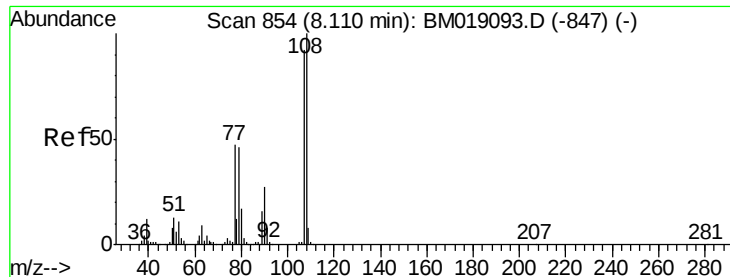
Ion Ratio Lower Upper

45 100

77 23.4 3.0 43.0

79 18.6 0.0 38.0

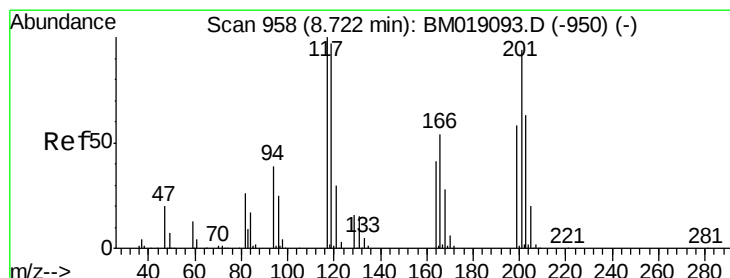
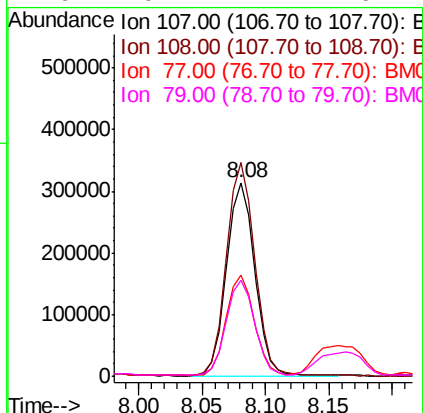
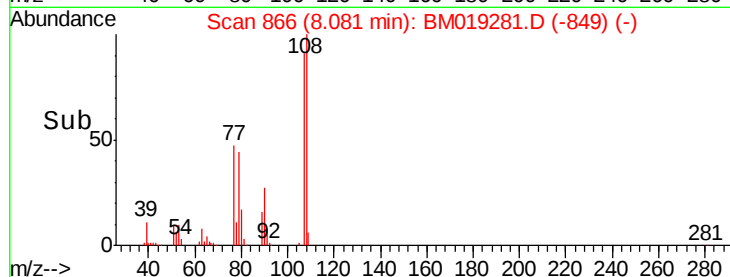
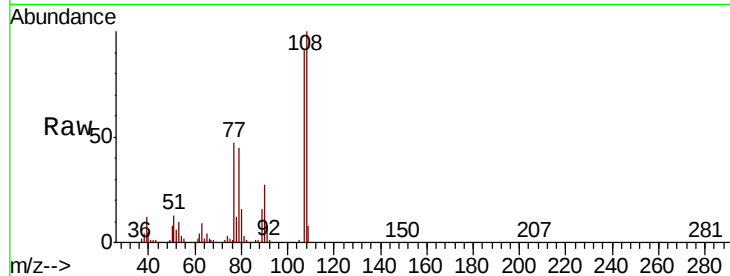




#17
2-Methylphenol
Concen: 42.639 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

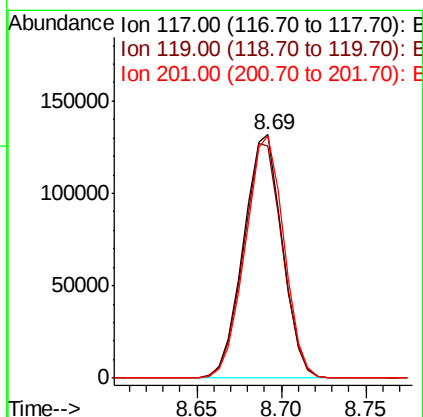
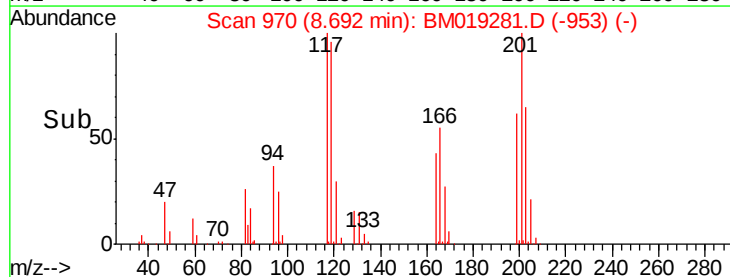
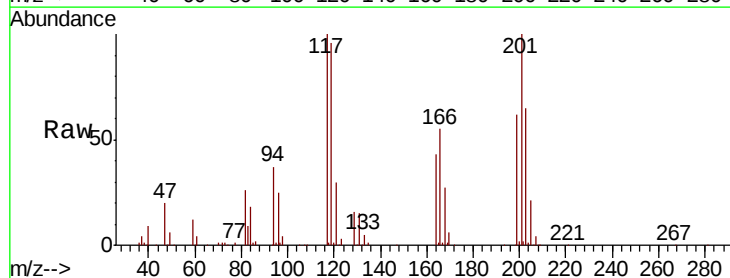
Instrument :
BNA_M
ClientSampleId :

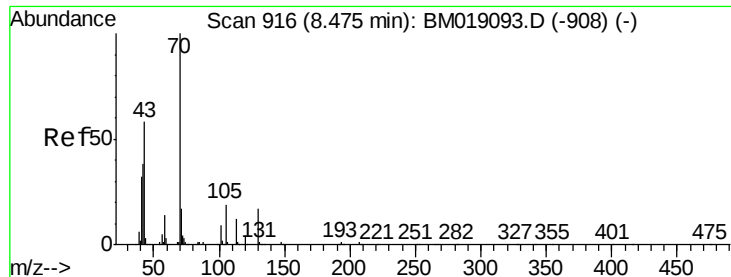
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.0	132.0
77	52.4	42.1	63.1
79	49.4	41.1	61.7



#18
Hexachloroethane
Concen: 39.518 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	99.7	80.8	121.2

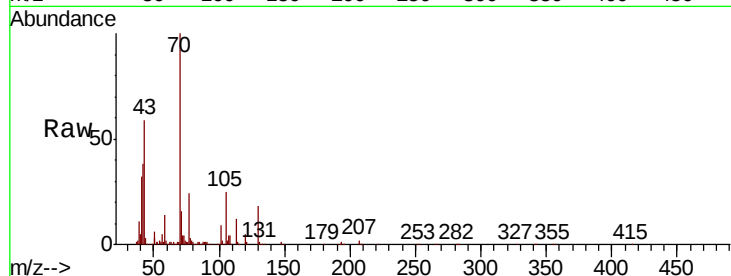




#19
n-Nitroso-di-n-propylamine
Concen: 42.748 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:	70	Resp:	567525
Ion	Ratio	Lower	Upper
70	100		
42	37.6	30.0	45.0
101	8.8	7.0	10.6
130	18.2	14.5	21.7



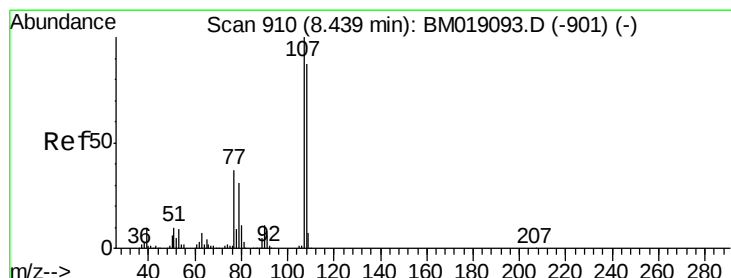
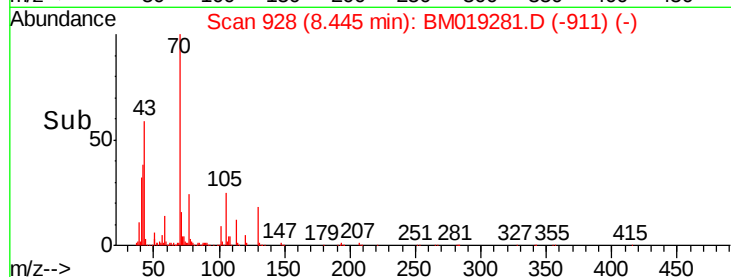
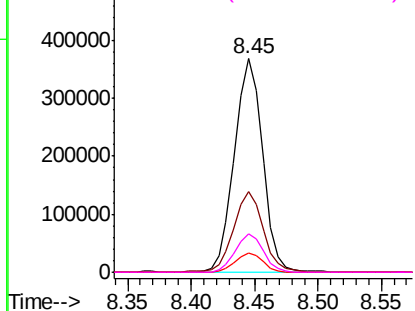
Abundance

Ion 70.00 (69.70 to 70.70): BM019093.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-908) (-)

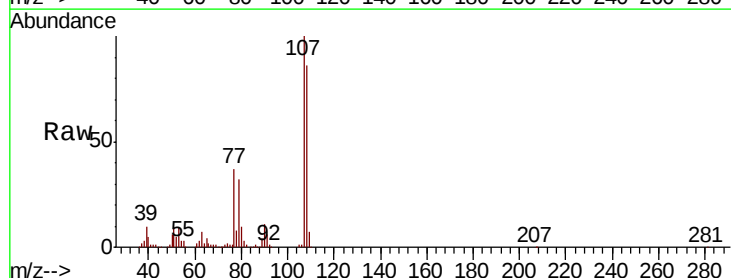
Ion 101.00 (100.70 to 101.70): BM019093.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-908) (-)



#20
3+4-Methylphenols
Concen: 43.783 ng
RT: 8.41 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:	107	Resp:	675407
Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.0	107.0
77	37.0	16.8	56.8
79	31.9	11.2	51.2



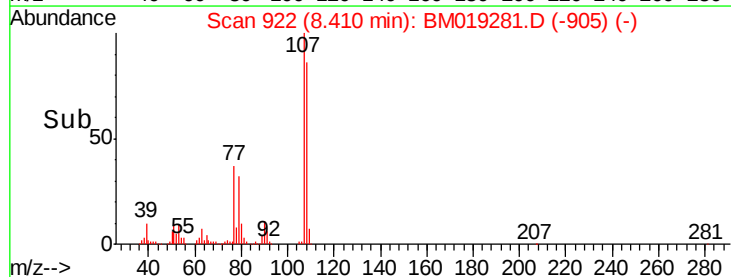
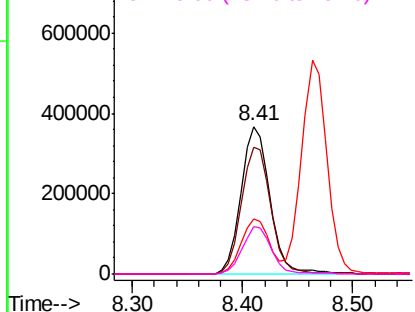
Abundance

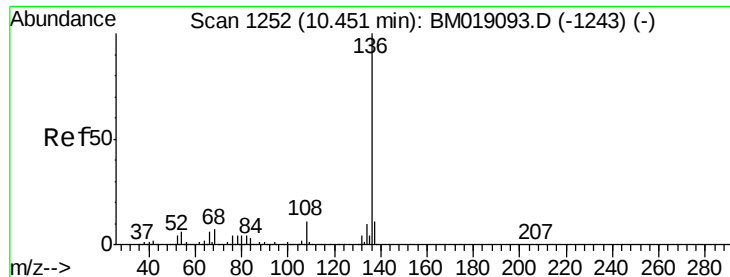
Ion 107.00 (106.70 to 107.70): BM019093.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-901) (-)

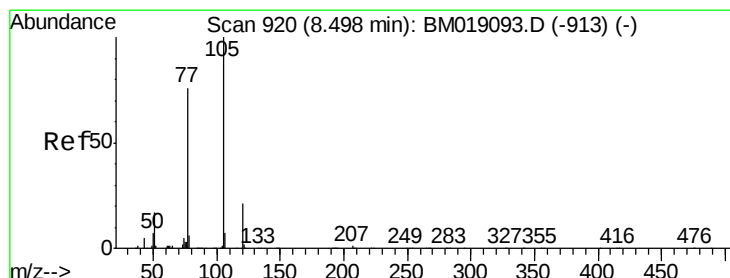
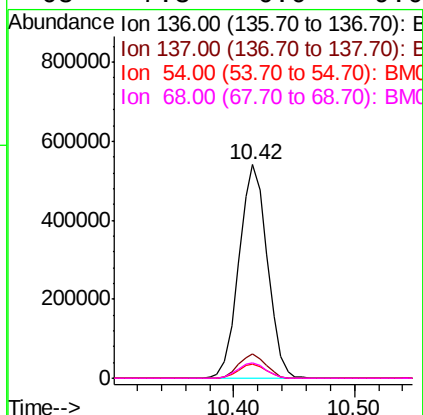
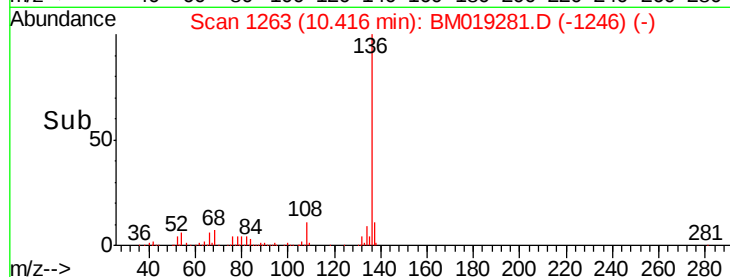
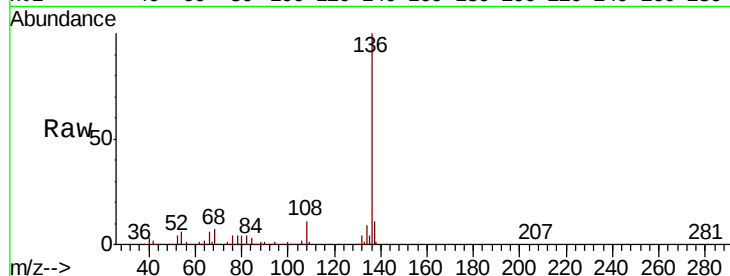




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

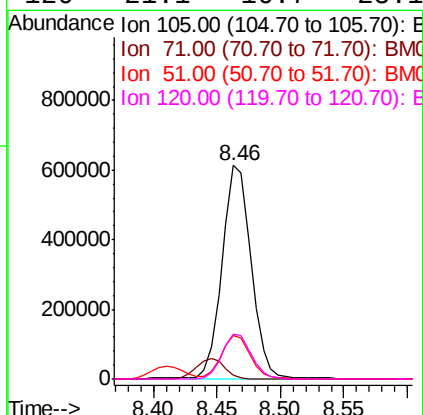
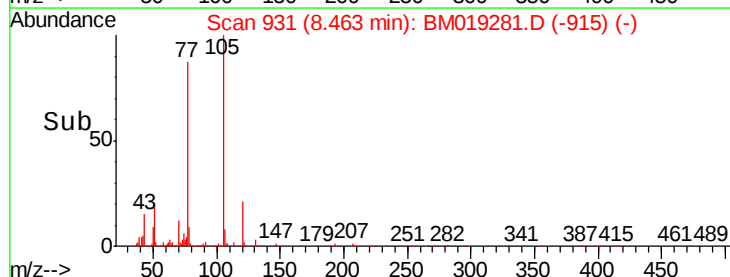
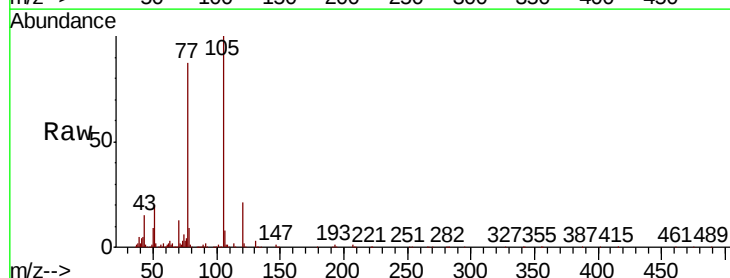
Instrument :
BNA_M
ClientSampleId :

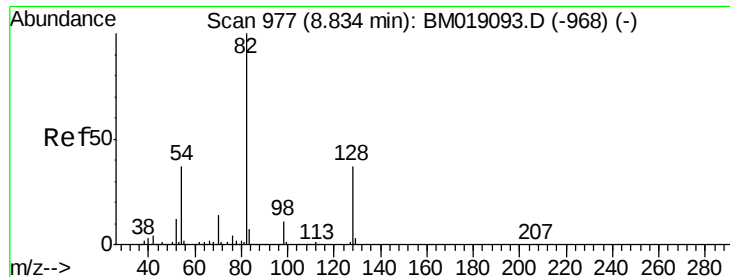
Tot Ion:136	Resp:	885894
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.6	12.8
54 6.4	5.5	8.3
68 7.3	6.0	9.0



#22
Acetophenone
Concen: 39.477 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt	Ion:105	Resp:	966488
Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.9	1.3#
51	20.4	15.9	23.9
120	21.1	16.7	25.1

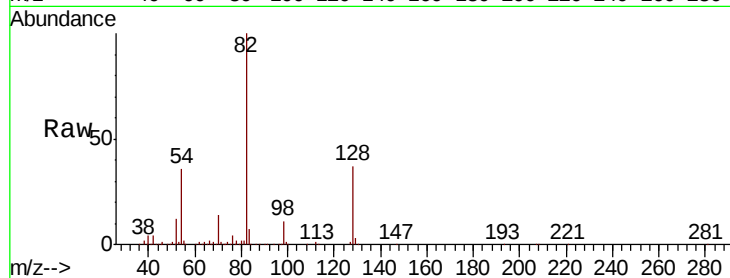




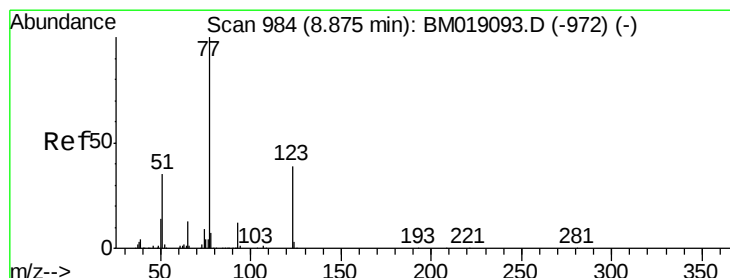
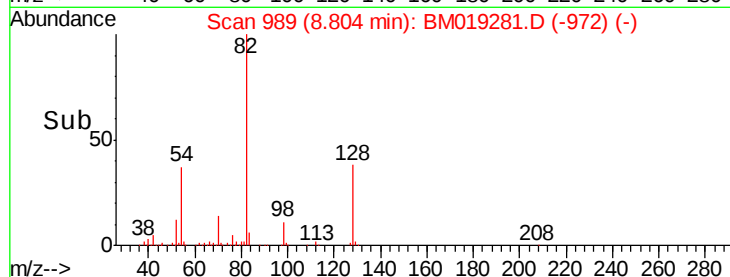
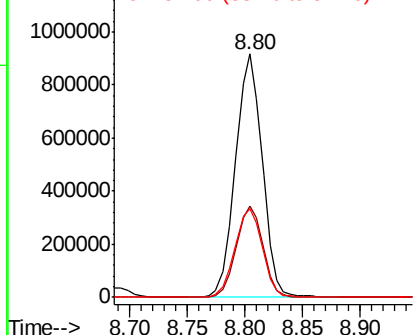
#23
 Nitrobenzene-d5
 Concen: 78.839 ng
 RT: 8.80 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1477535
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.2 45.4
 54 36.3 30.2 45.2

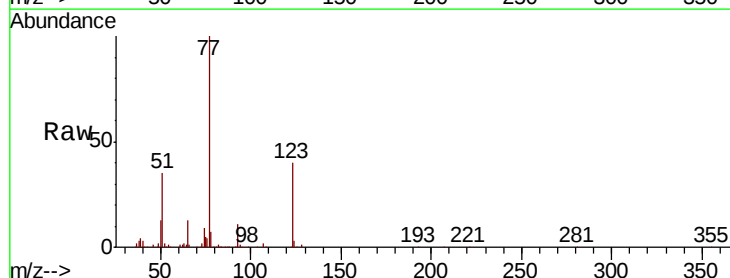


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
 Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
 Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

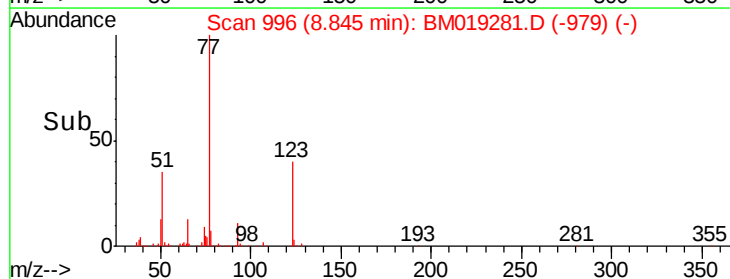
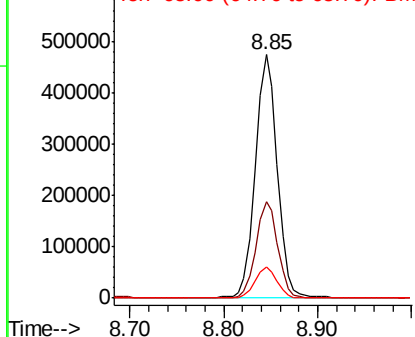


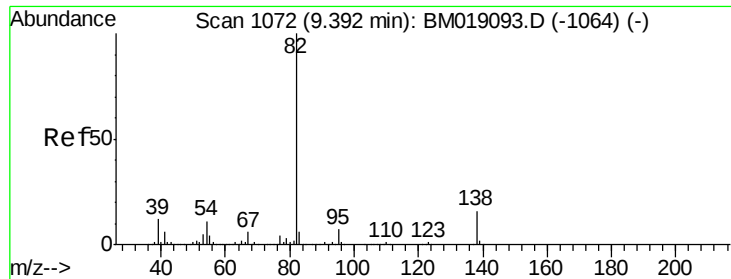
#24
 Nitrobenzene
 Concen: 39.122 ng
 RT: 8.85 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion: 77 Resp: 762519
 Ion Ratio Lower Upper
 77 100
 123 39.8 31.4 47.0
 65 12.9 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)
 Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)
 Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)





#25

Isophorone

Concen: 40.034 ng

RT: 9.36 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

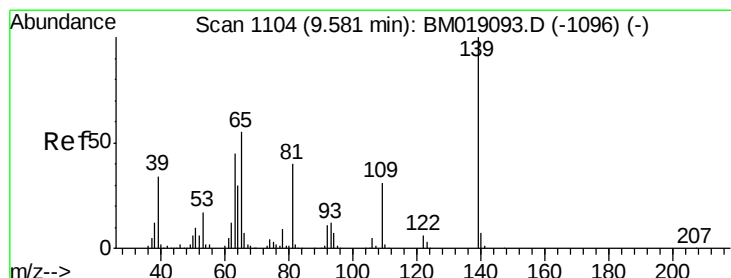
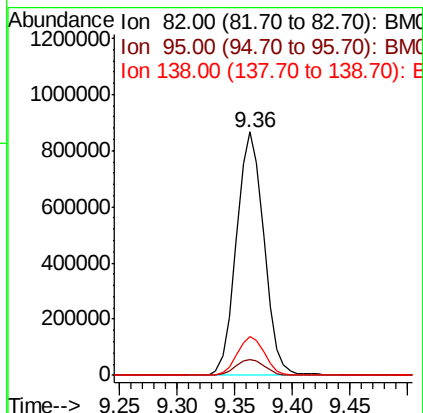
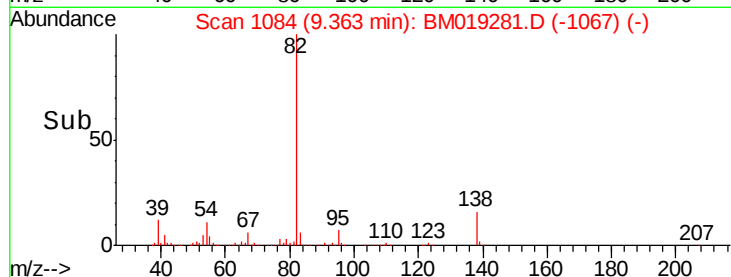
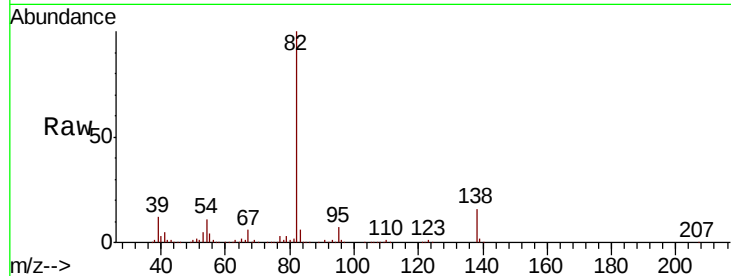
Tot Ion: 82 Resp: 1431664

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.0 12.2 18.4



#26

2-Nitrophenol

Concen: 41.588 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

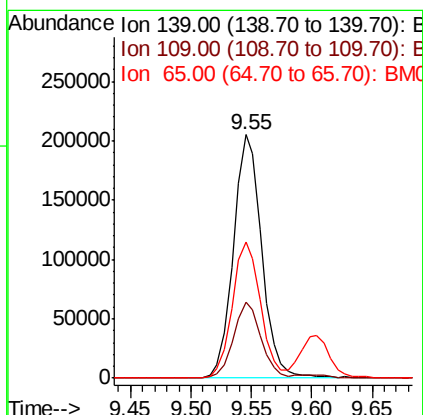
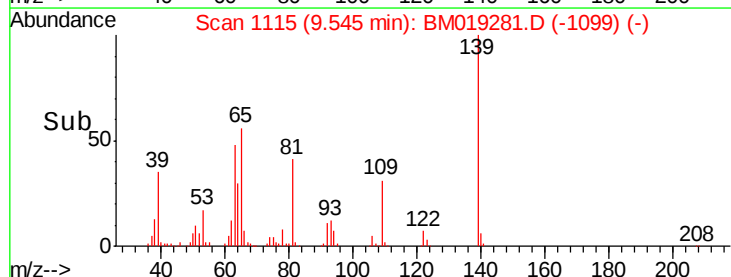
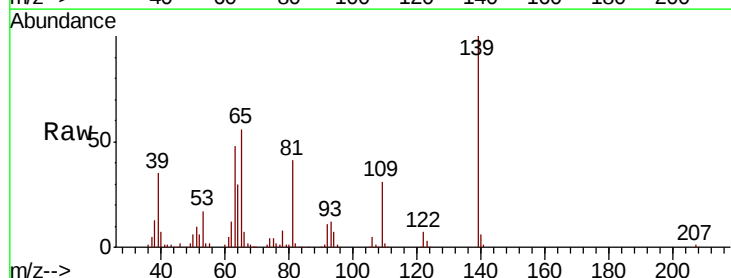
Tgt Ion: 139 Resp: 335996

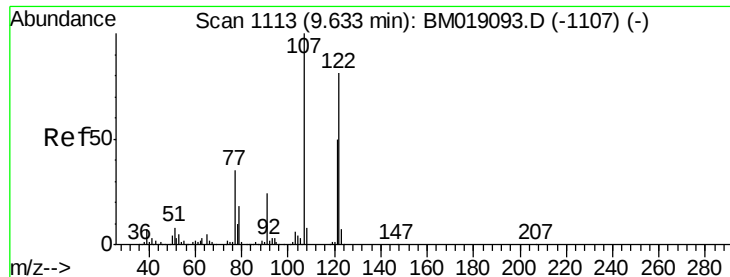
Ion Ratio Lower Upper

139 100

109 31.3 23.8 35.8

65 56.1 43.3 64.9

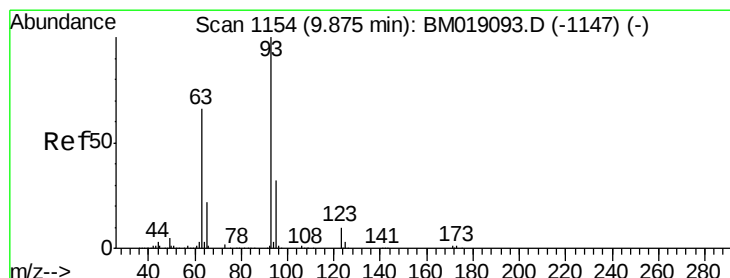
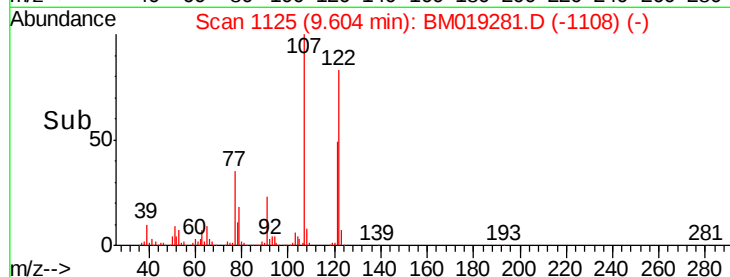
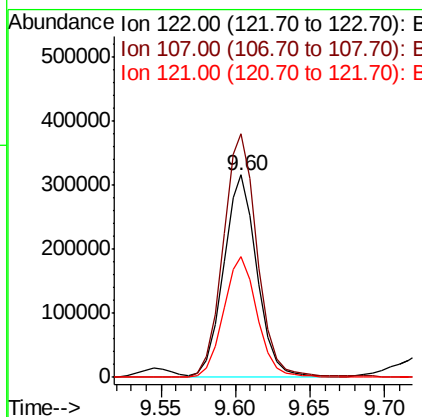
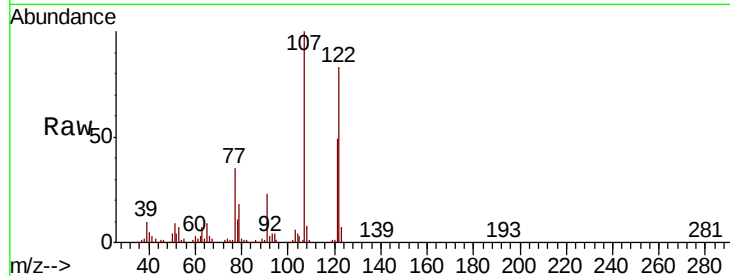




#27
2,4-Dimethylphenol
Concen: 40.906 ng
RT: 9.60 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

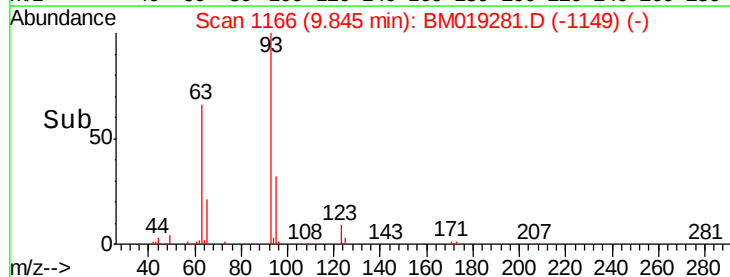
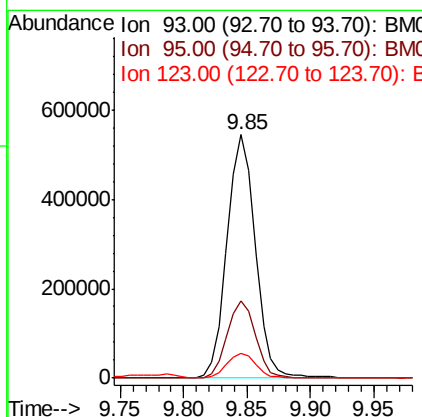
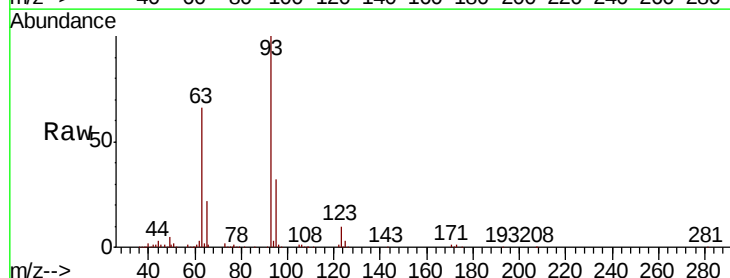
Instrument :
BNA_M
ClientSampleId :

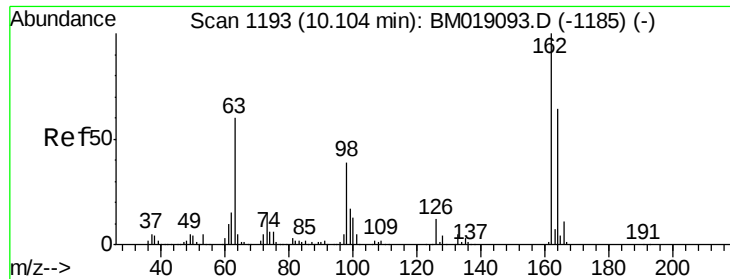
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.4	144.6
121	59.4	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.766 ng
RT: 9.85 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.7	37.1
123	10.1	8.6	12.8

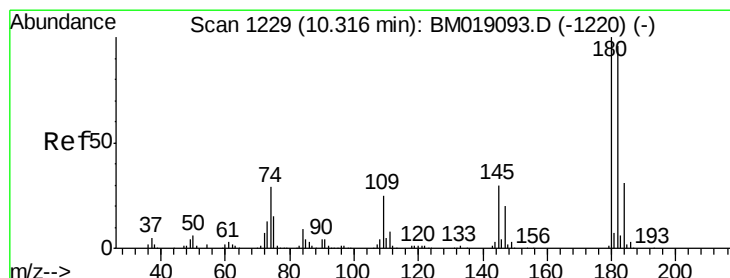
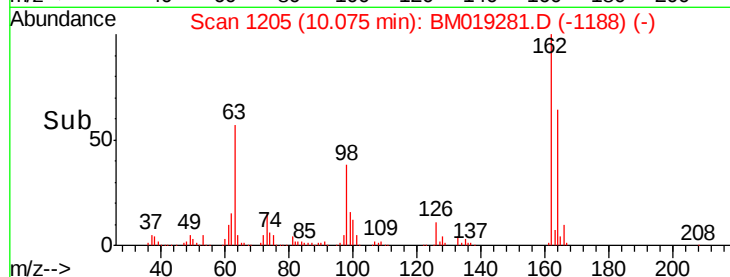
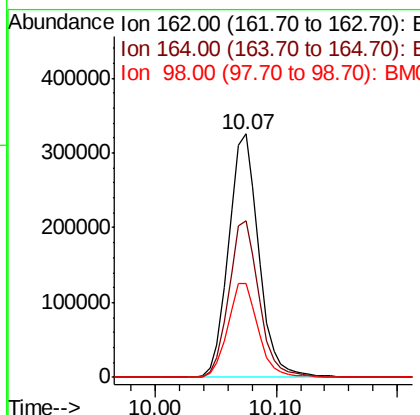
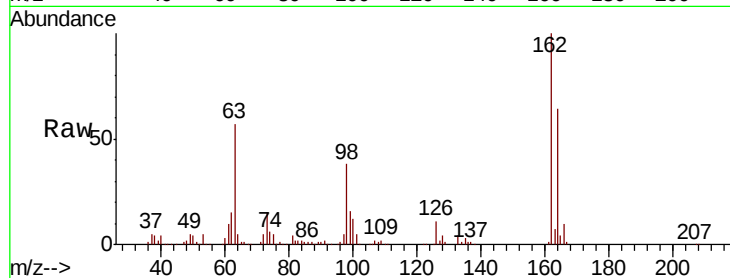




#29
 2,4-Dichlorophenol
 Concen: 42.643 ng
 RT: 10.07 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

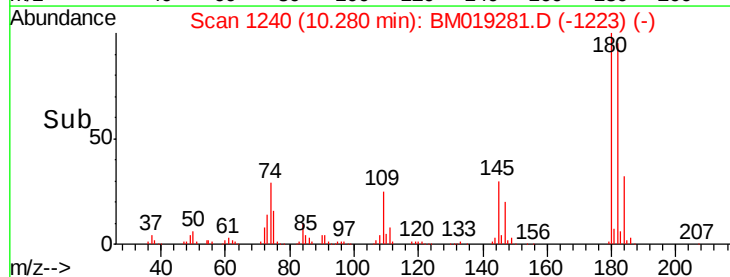
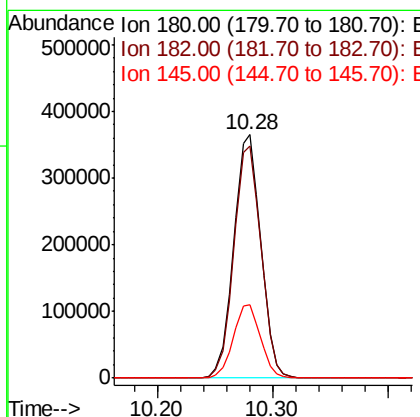
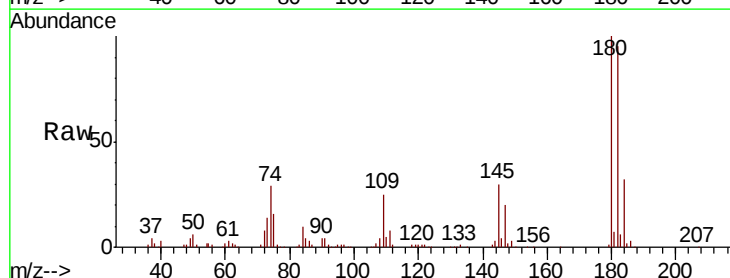
Instrument :
 BNA_M
 ClientSampleId :

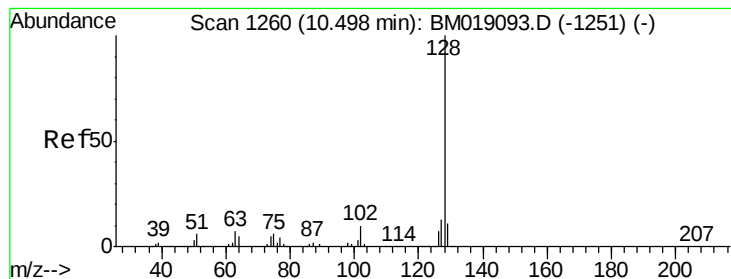
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.6	85.6
98	38.5	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.387 ng
 RT: 10.28 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.9	116.9
145	30.2	24.7	37.1





#31

Naphthalene

Concen: 39.219 ng

RT: 10.47 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

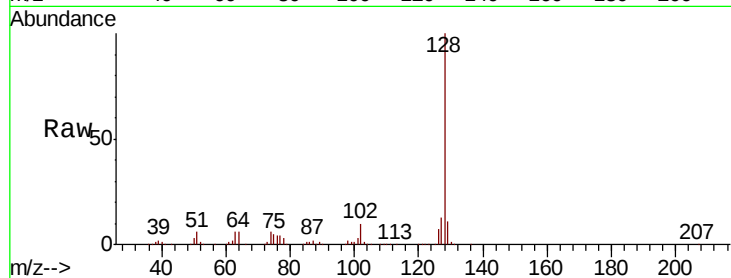
Tot Ion:128 Resp: 1831239

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

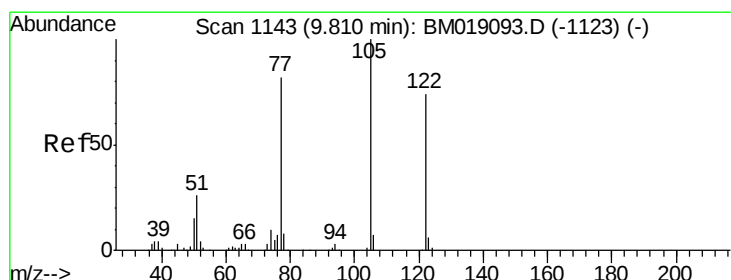
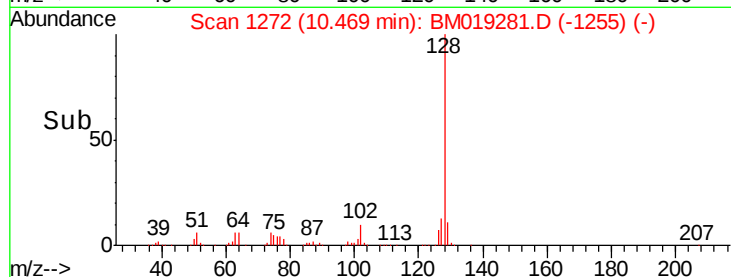
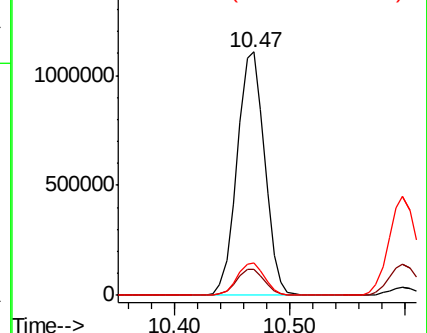
127 13.1 10.3 15.5



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: 33.573 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

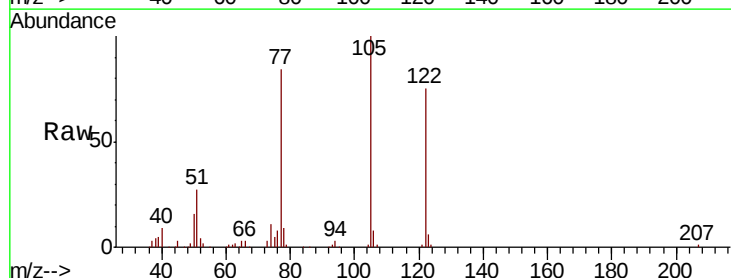
Tgt Ion:122 Resp: 341507

Ion Ratio Lower Upper

122 100

105 133.0 115.6 155.6

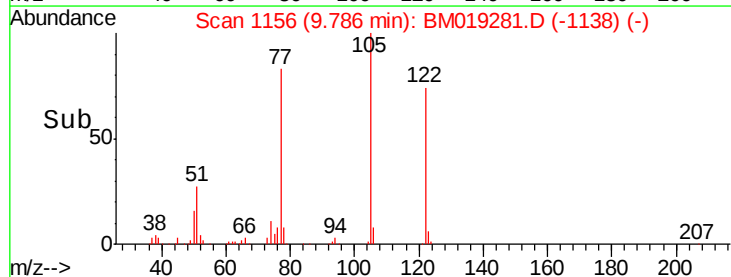
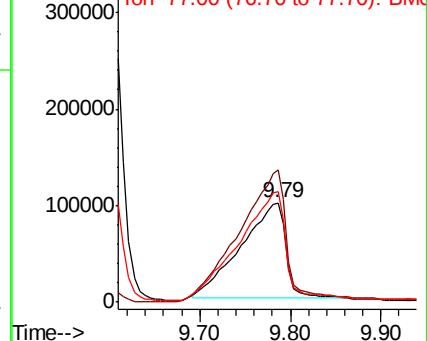
77 111.4 93.8 133.8

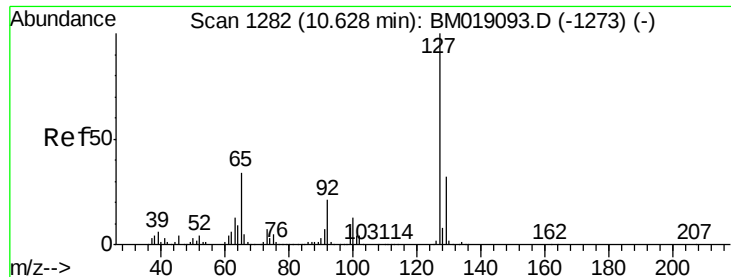


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

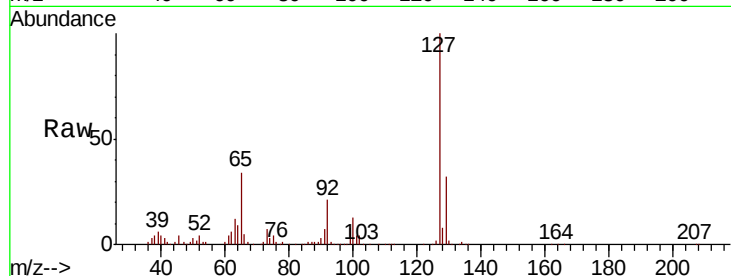




#33
4-Chloroaniline
Concen: 41.413 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	34.0	27.5	41.3	
92	21.1	17.0	25.4	



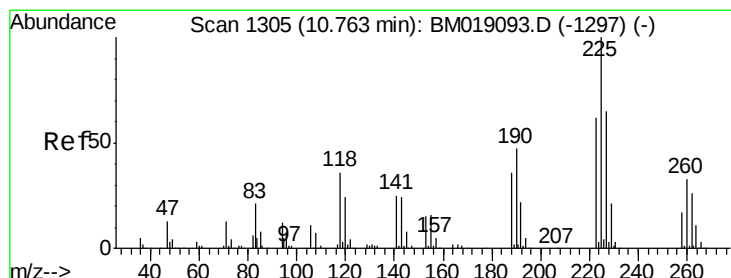
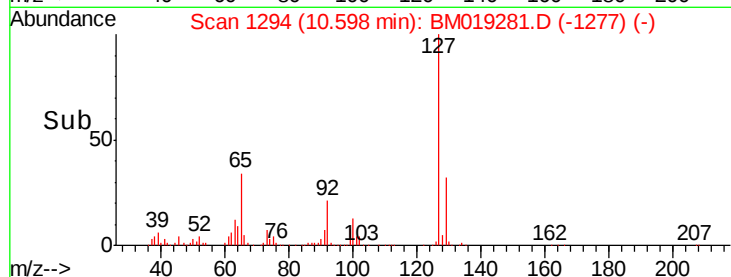
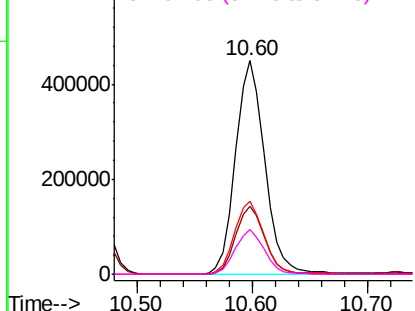
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

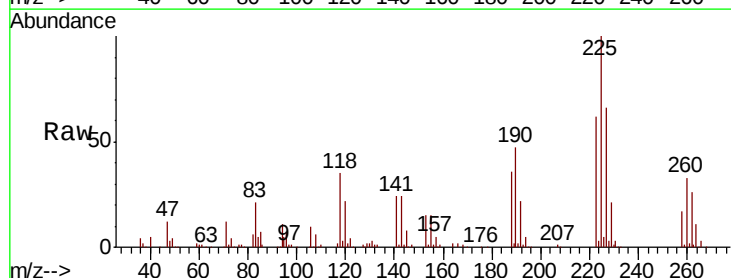
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.694 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.5	51.0	76.4	
227	65.6	51.0	76.6	

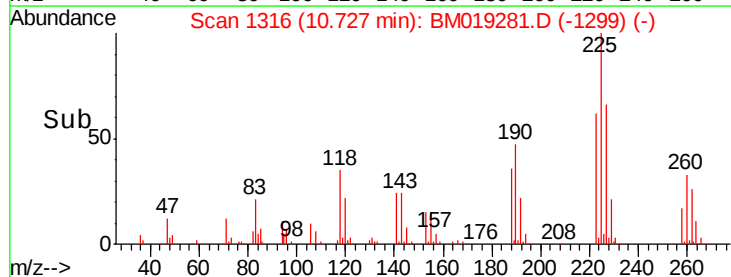
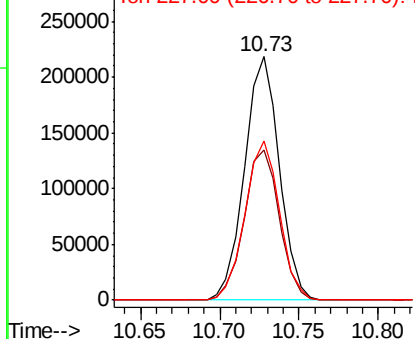


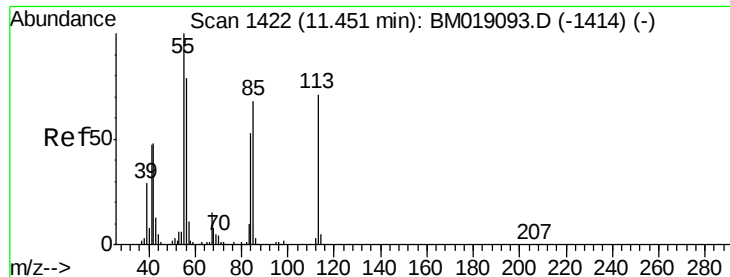
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.256 ng

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

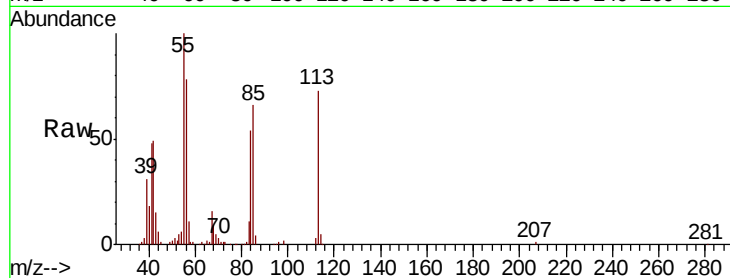
Tot Ion:113 Resp: 195496

Ion Ratio Lower Upper

113 100

55 136.7 120.1 160.1

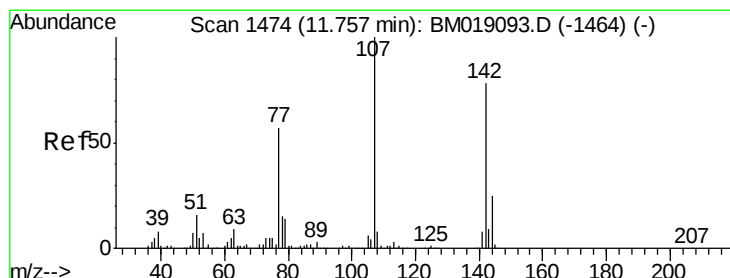
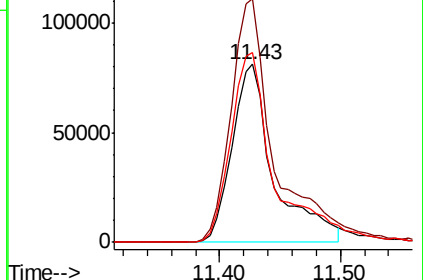
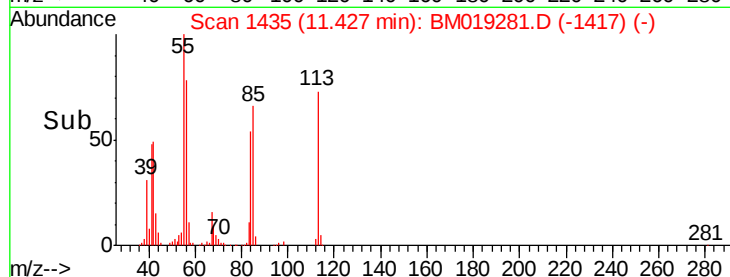
56 106.3 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.814 ng

RT: 11.72 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

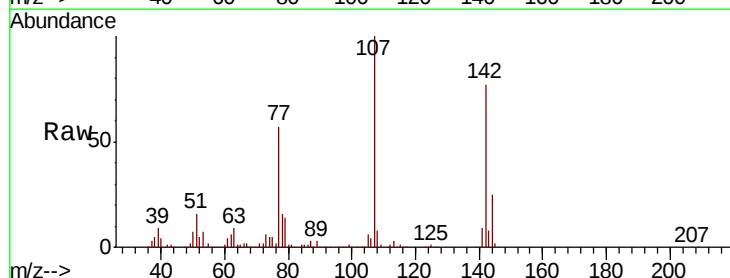
Tgt Ion:107 Resp: 686313

Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

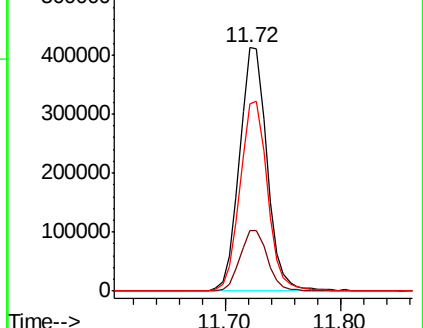
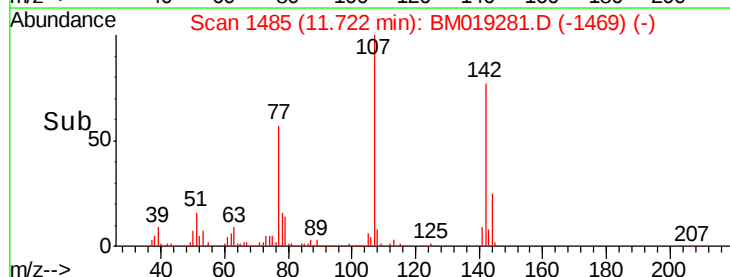
142 77.1 62.1 93.1

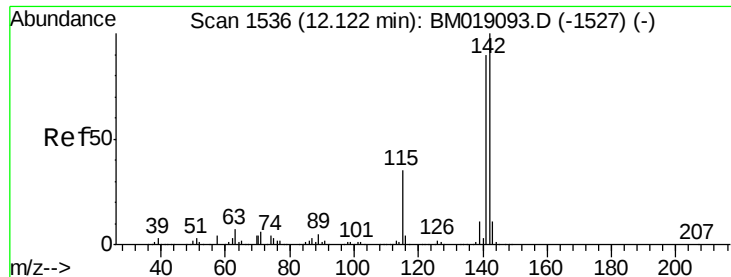


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

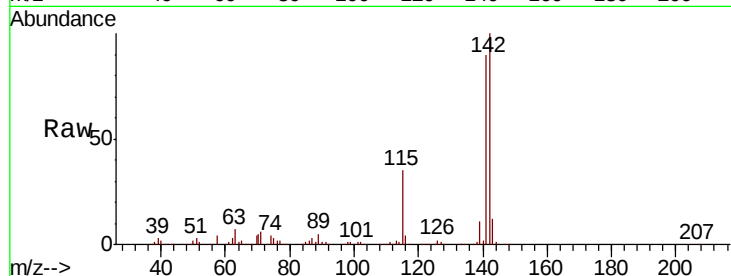




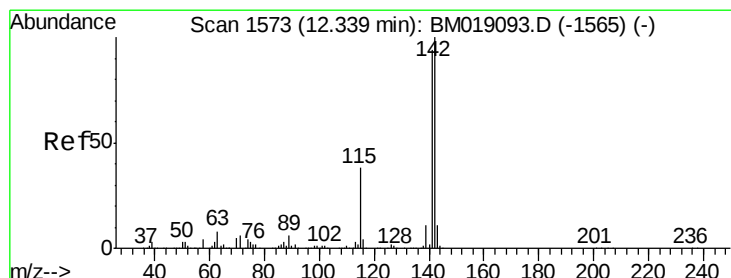
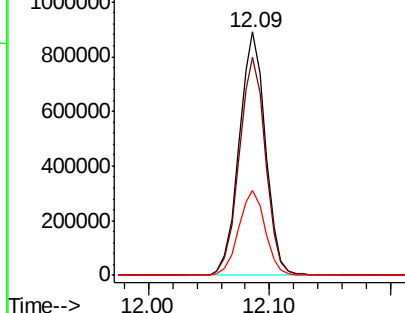
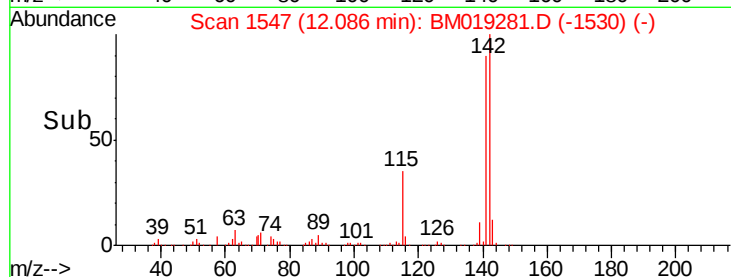
#37
2-Methylnaphthalene
Concen: 39.892 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1353556
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 34.7 27.7 41.5

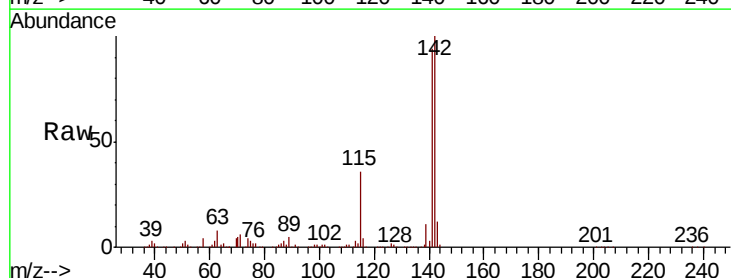


Abundance Ion 142.00 (141.70 to 142.70): E
1200000 Ion 141.00 (140.70 to 141.70): E
1000000 Ion 115.00 (114.70 to 115.70): E

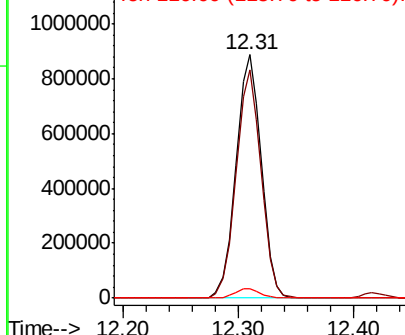
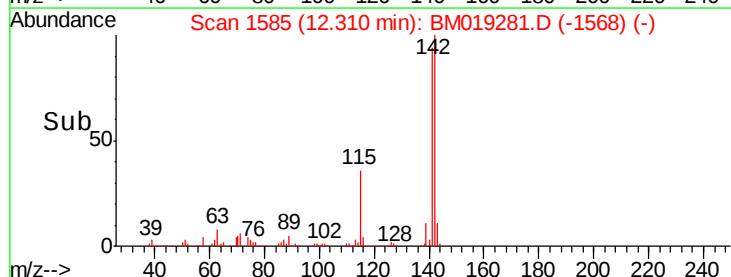


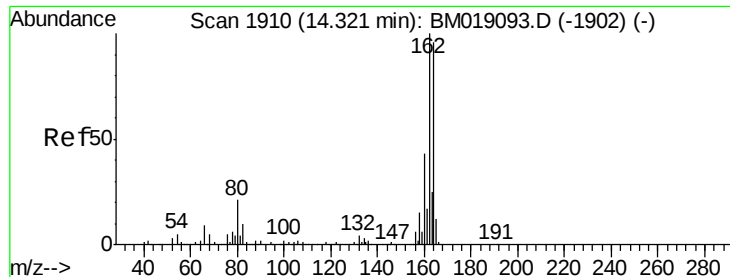
#38
1-Methylnaphthalene
Concen: 39.901 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:142 Resp: 1334454
Ion Ratio Lower Upper
142 100
141 93.9 75.2 112.8
116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
1200000 Ion 141.00 (140.70 to 141.70): E
1000000 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

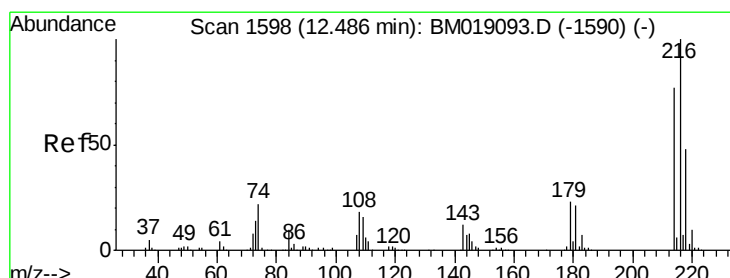
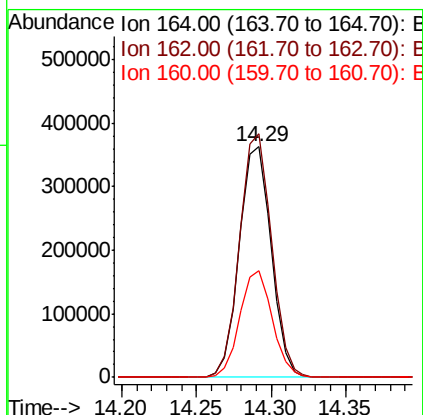
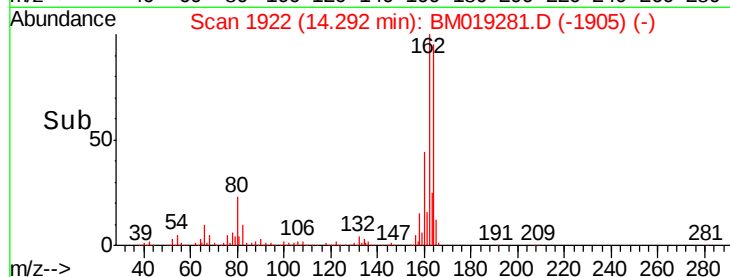
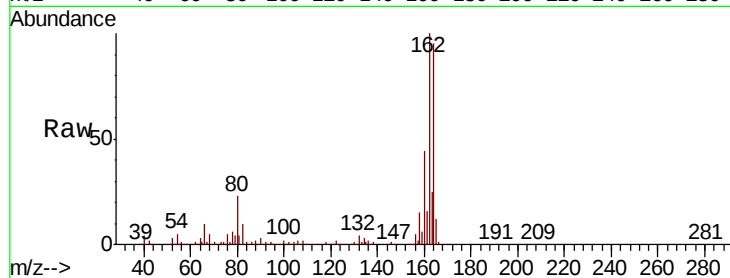
Tot Ion:164 Resp: 538166

Ion Ratio Lower Upper

164 100

162 105.6 84.1 126.1

160 46.1 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.866 ng

RT: 12.46 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Tgt Ion:216 Resp: 678661

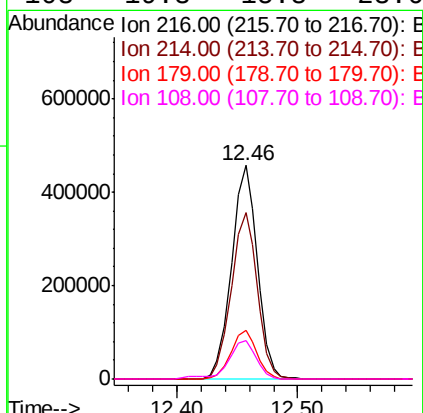
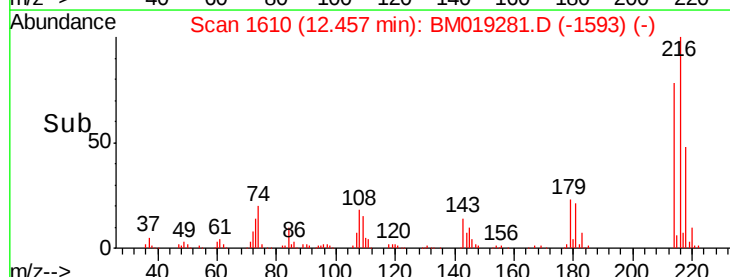
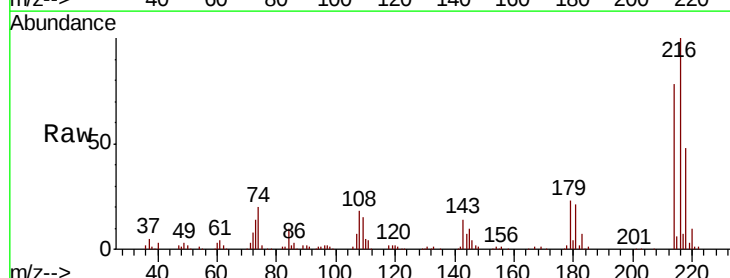
Ion Ratio Lower Upper

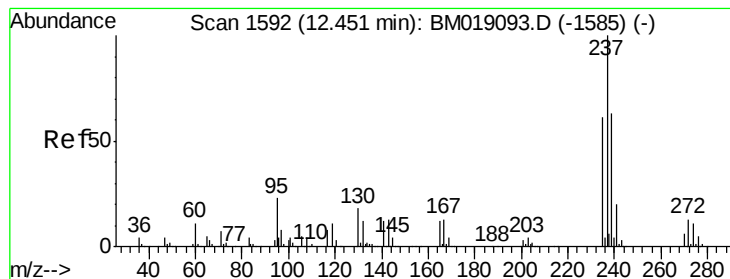
216 100

214 78.6 62.7 94.1

179 22.7 18.0 27.0

108 19.3 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 29.587 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

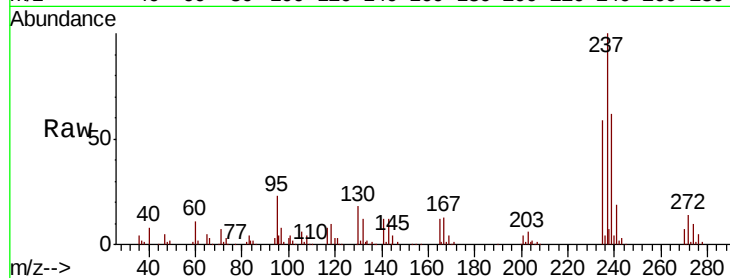
Tot Ion:237 Resp: 228146

Ion Ratio Lower Upper

237 100

235 59.3 42.8 82.8

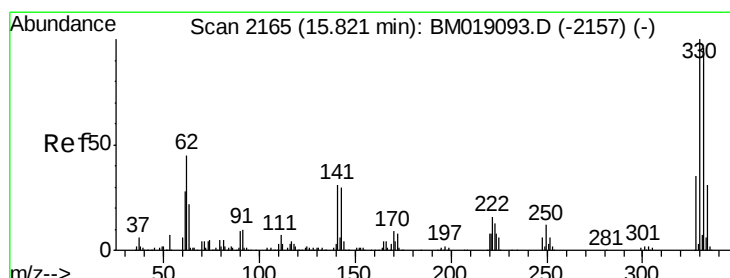
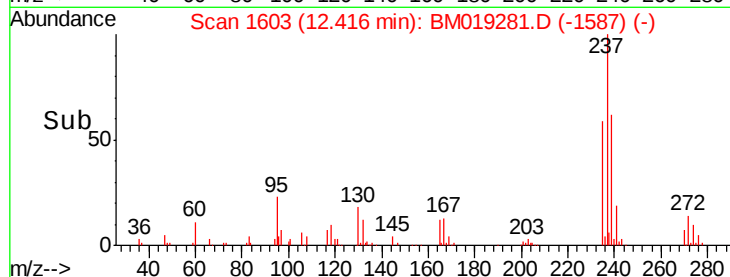
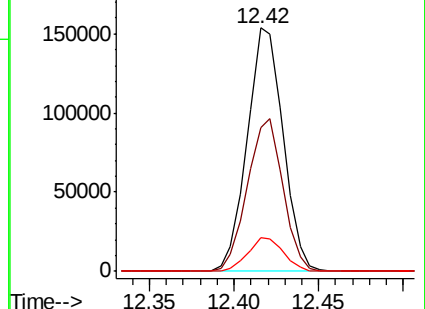
272 13.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.639 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

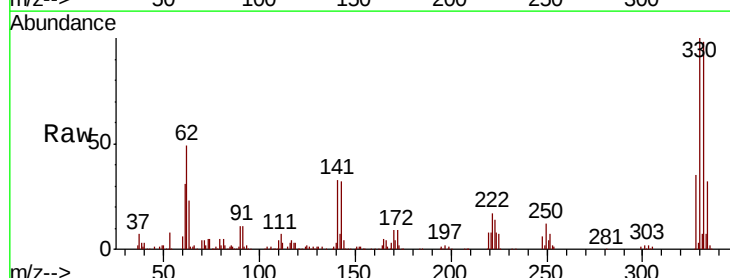
Tgt Ion:330 Resp: 664580

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

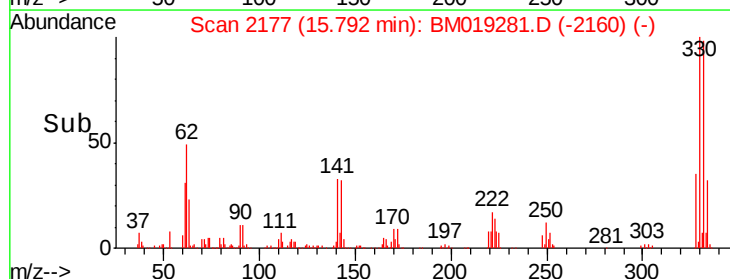
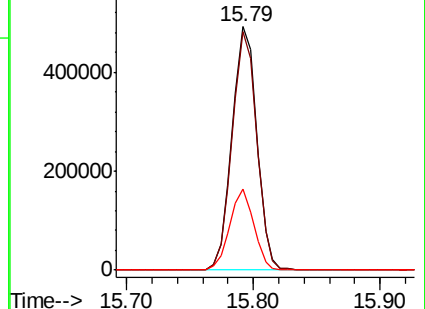
141 32.3 25.7 38.5



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

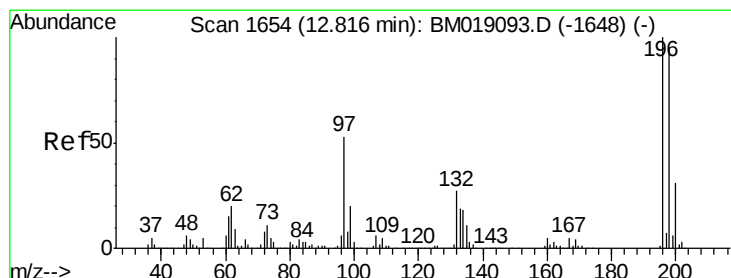
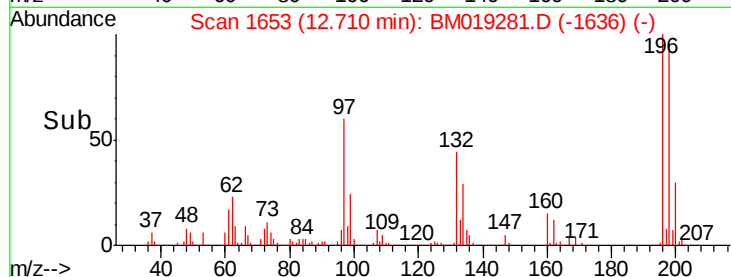
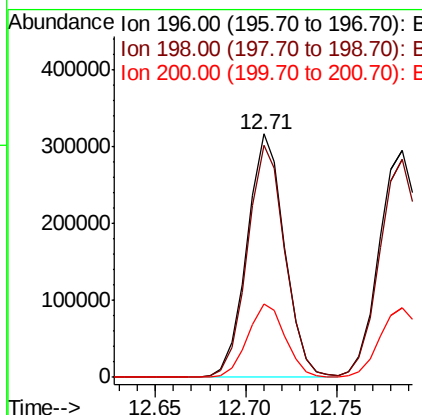
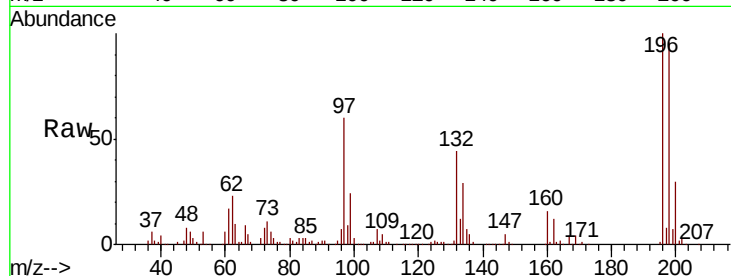




#43
 2,4,6-Trichlorophenol
 Concen: 41.461 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

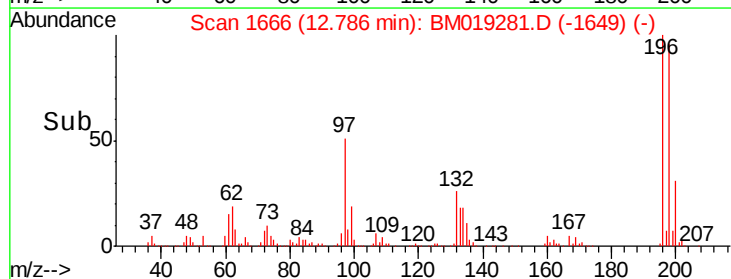
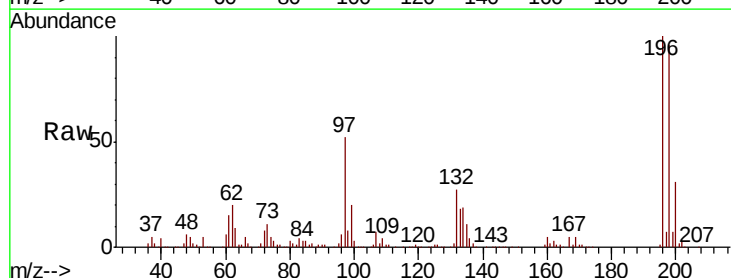
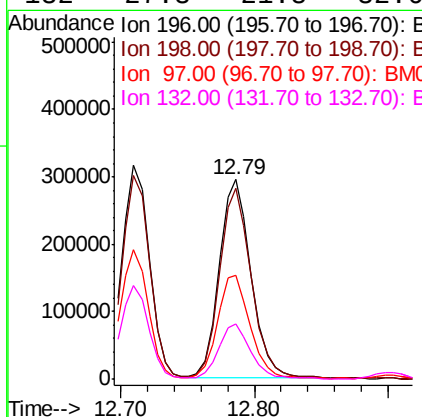
Instrument :
 BNA_M
 ClientSampled :

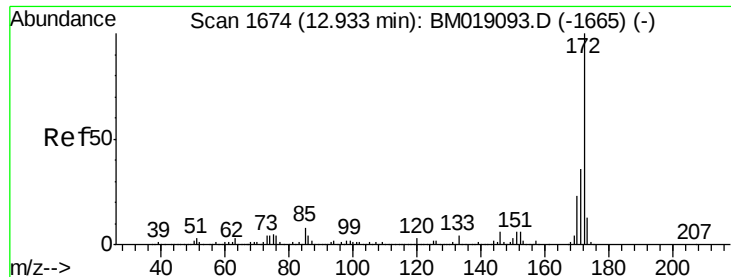
Tot Ion:196 Resp: 456123
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.2
 200 30.2 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.823 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:196 Resp: 492005
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.3 114.5
 97 51.7 41.5 62.3
 132 27.3 21.8 32.6

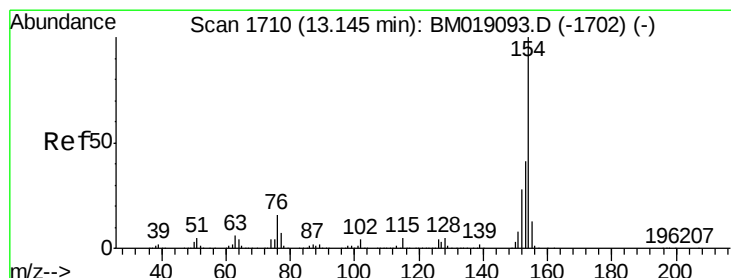
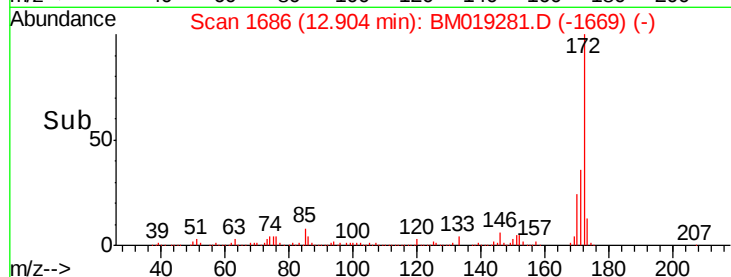
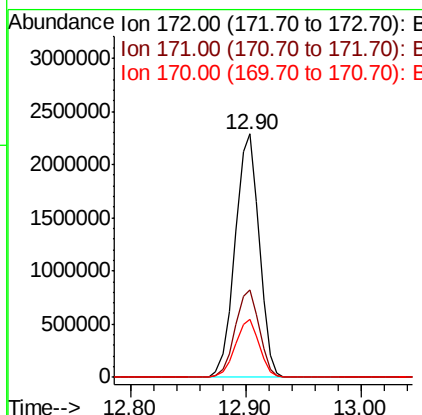
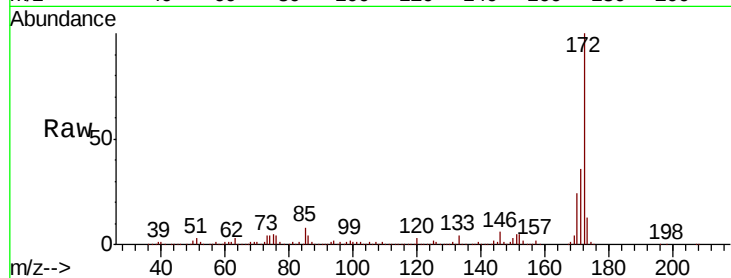




#45
2-Fluorobiphenyl
Concen: 79.599 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

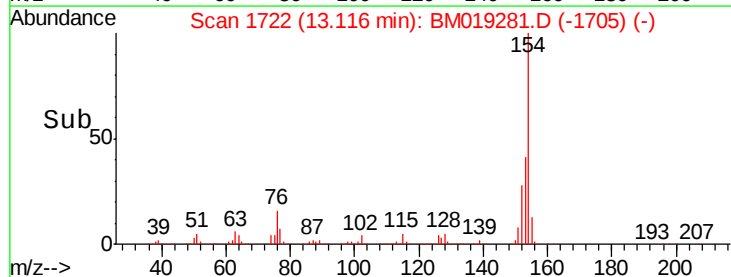
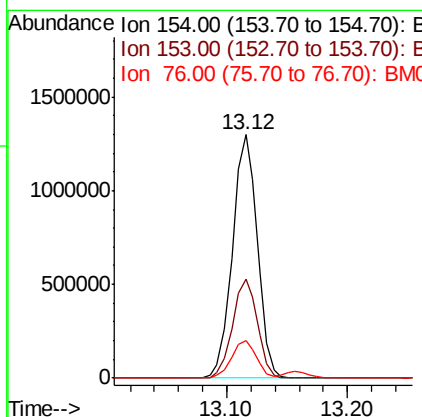
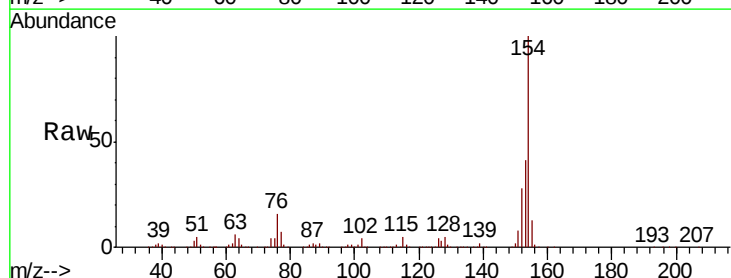
Instrument :
BNA_M
ClientSampleId :

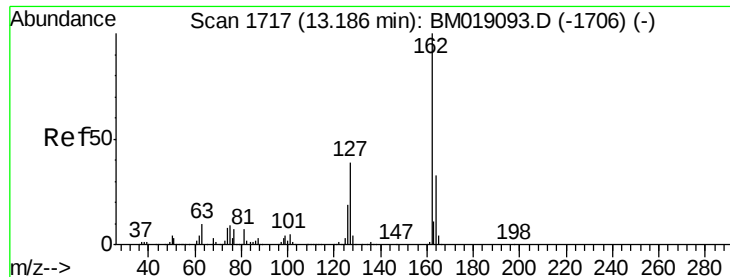
Tot Ion:172 Resp: 3293261
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.626 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:154 Resp: 1862369
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 15.7 0.0 35.9

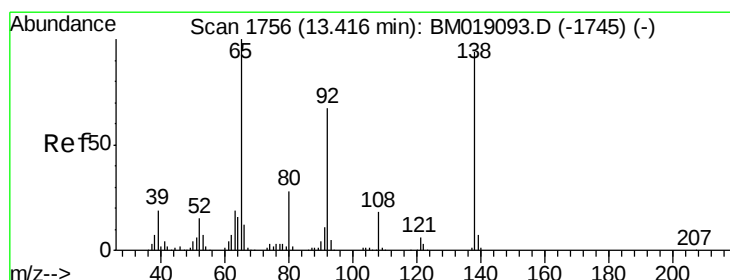
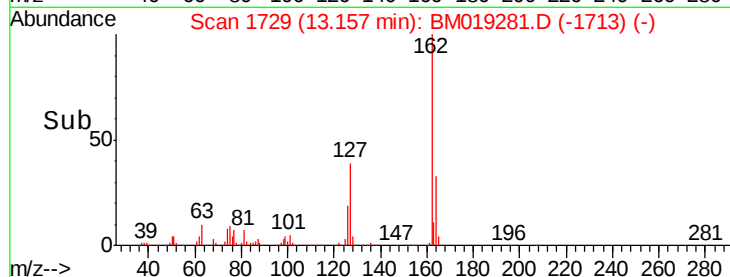
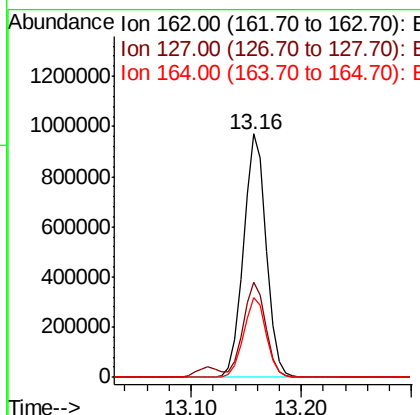
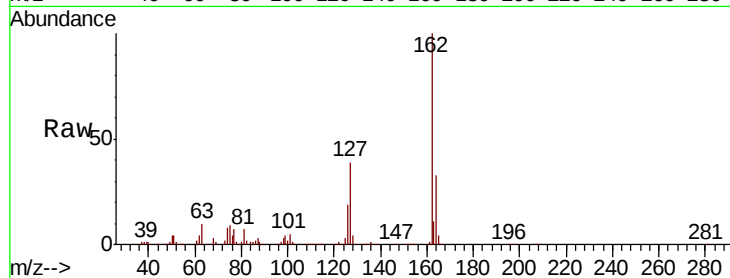




#47
 2-Chloronaphthalene
 Concen: 39.899 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

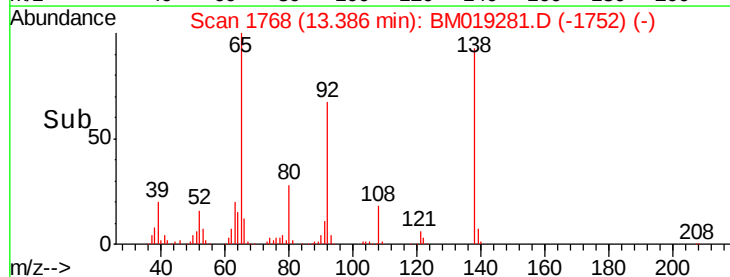
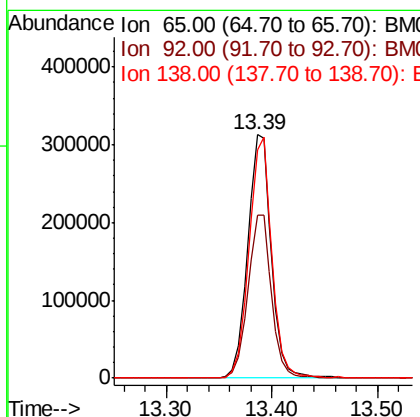
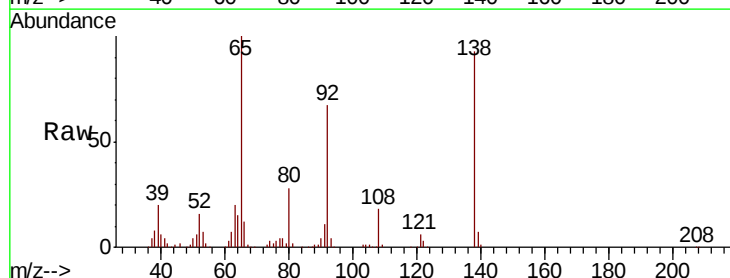
Instrument :
 BNA_M
 ClientSampleId :

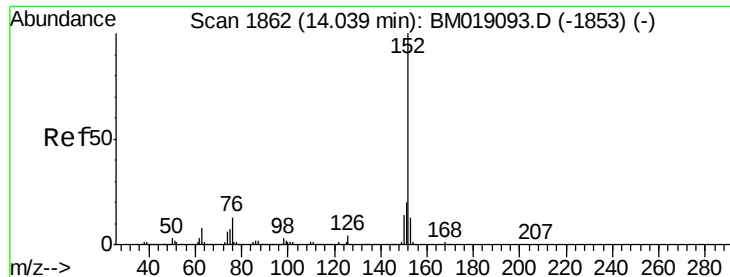
Tot Ion:162 Resp: 1399713
 Ion Ratio Lower Upper
 162 100
 127 38.9 30.7 46.1
 164 33.0 26.1 39.1



#48
 2-Nitroaniline
 Concen: 41.351 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion: 65 Resp: 486504
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.0 81.0
 138 93.5 78.3 117.5





#49

Acenaphthylene

Concen: 40.385 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

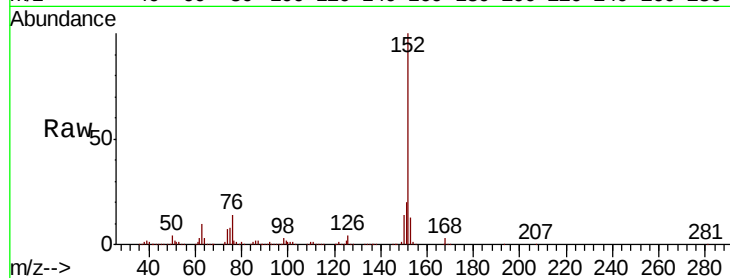
Tot Ion:152 Resp: 2395511

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

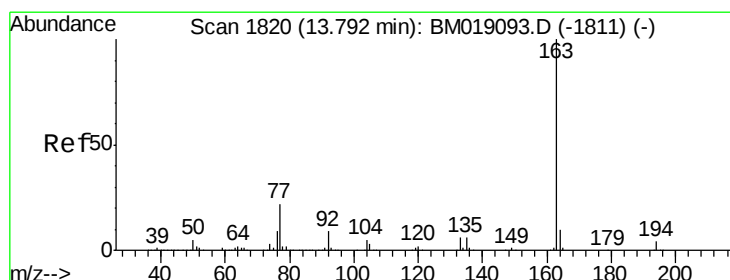
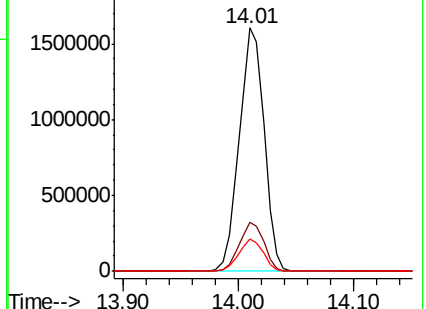
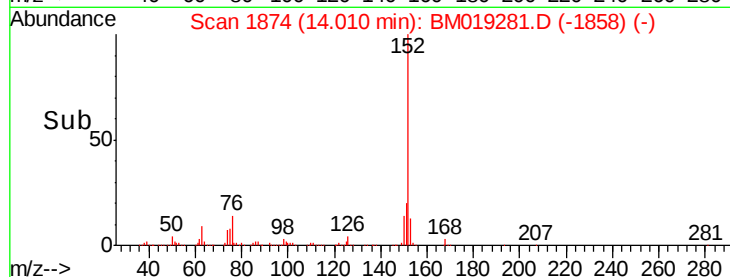
153 13.3 10.2 15.4



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: 39.545 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

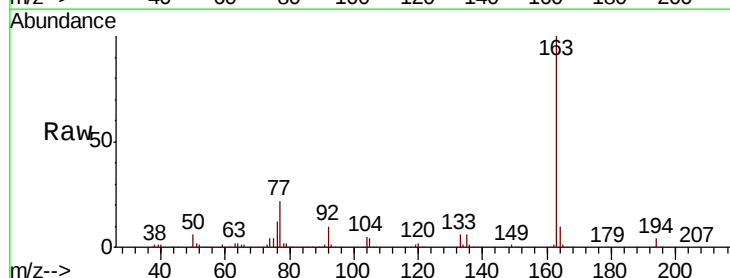
Tgt Ion:163 Resp: 1820558

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

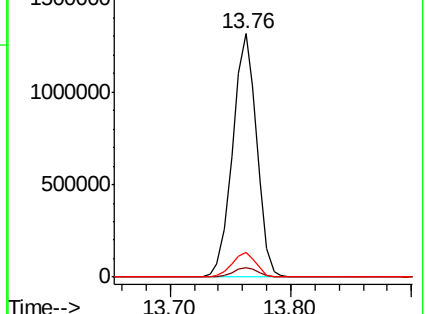
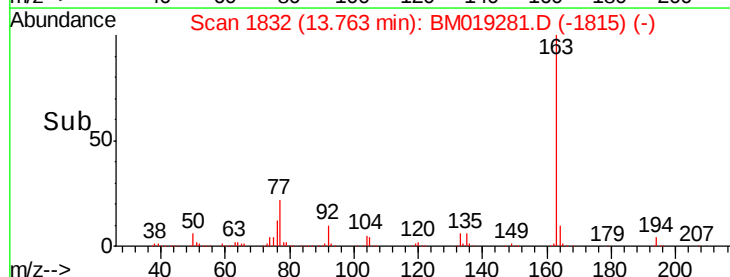
164 10.3 8.2 12.2

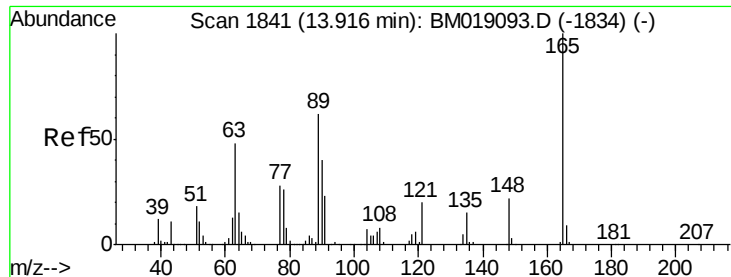


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

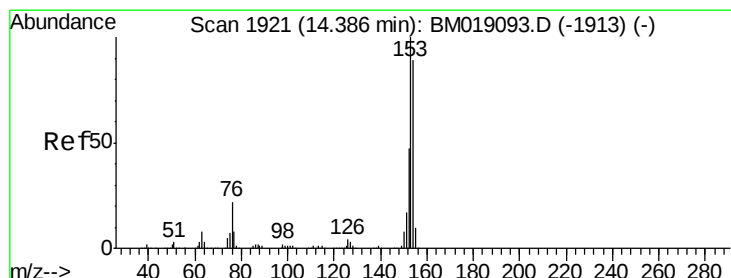
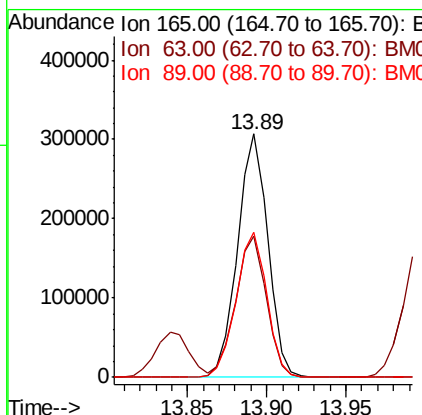
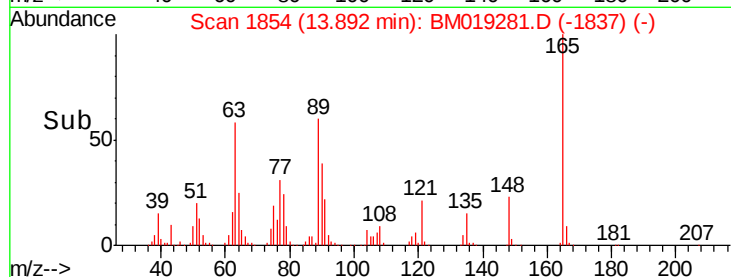
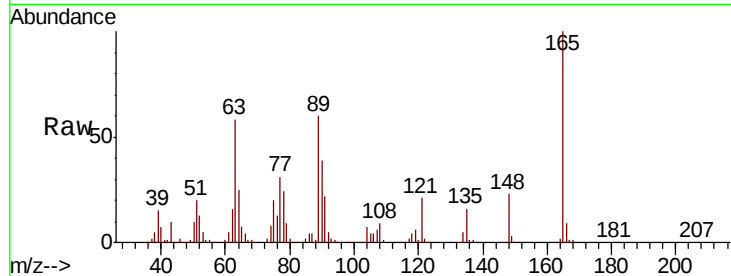




#51
 2,6-Dinitrotoluene
 Concen: 40.825 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

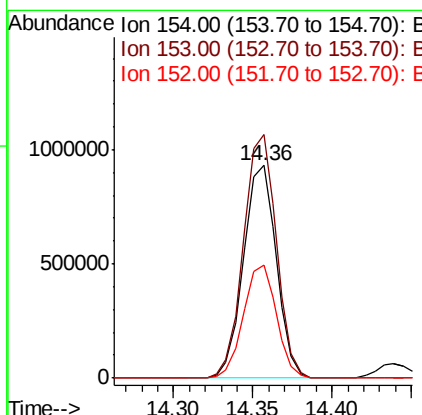
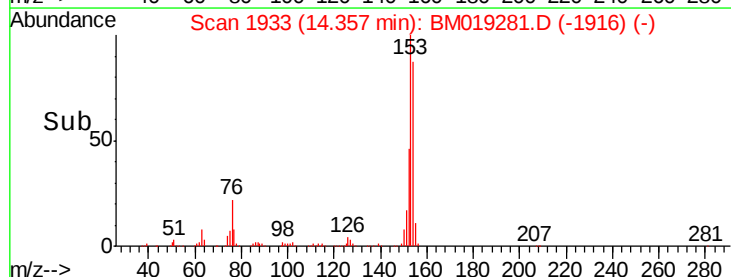
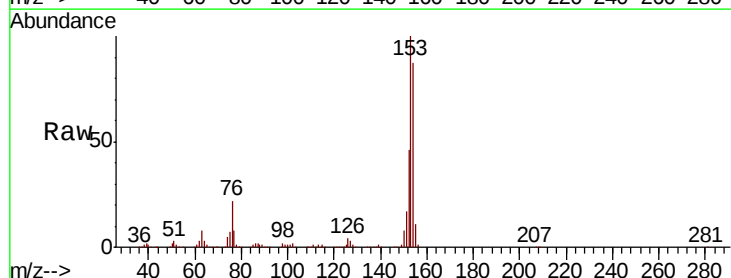
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 406289
 Ion Ratio Lower Upper
 165 100
 63 58.0 46.7 70.1
 89 59.8 47.7 71.5



#52
 Acenaphthene
 Concen: 39.448 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:154 Resp: 1344569
 Ion Ratio Lower Upper
 154 100
 153 114.7 91.0 136.4
 152 53.1 42.1 63.1

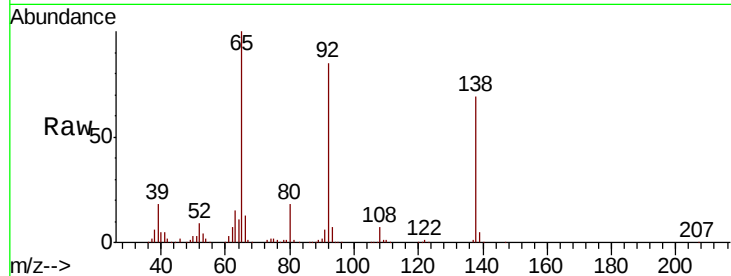




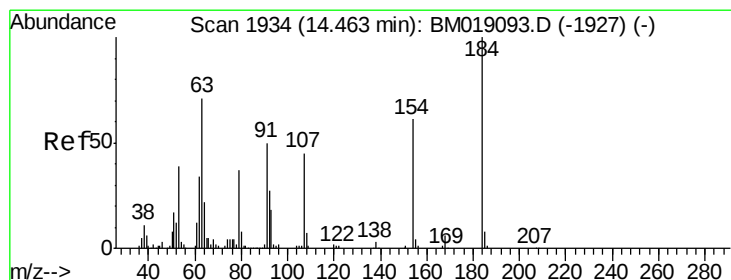
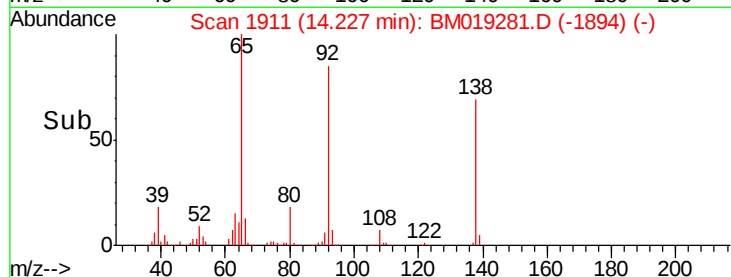
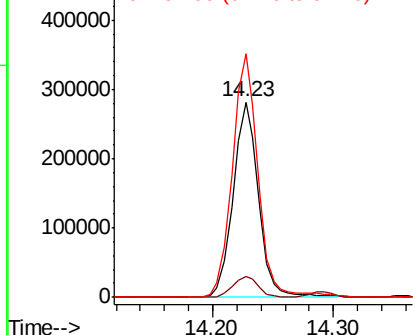
#53
3-Nitroaniline
Concen: 39.112 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 412254
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 124.5 100.2 150.2

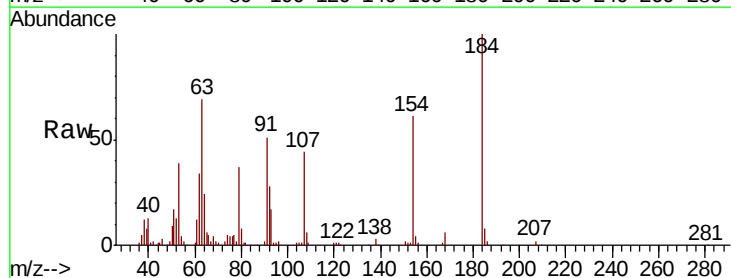


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

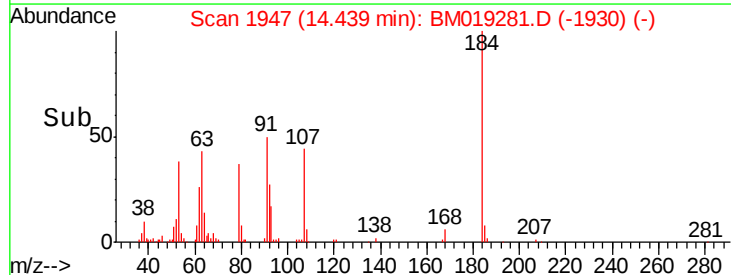
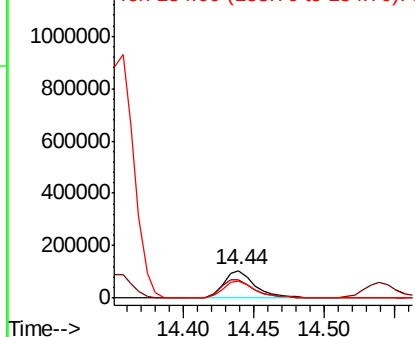


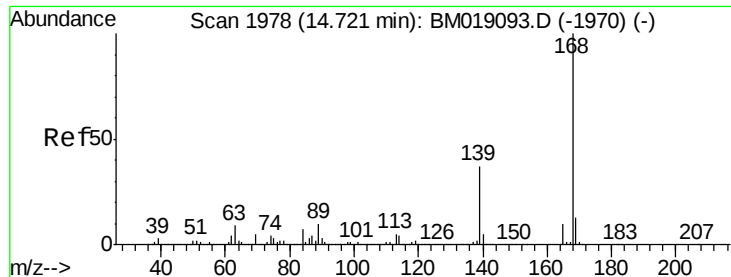
#54
2,4-Dinitrophenol
Concen: 28.782 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:184 Resp: 166350
Ion Ratio Lower Upper
184 100
63 68.6 55.7 83.5
154 61.0 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

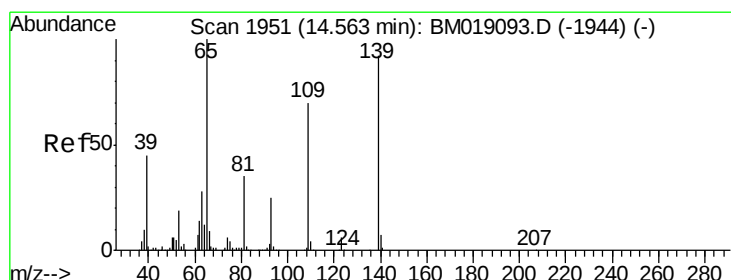
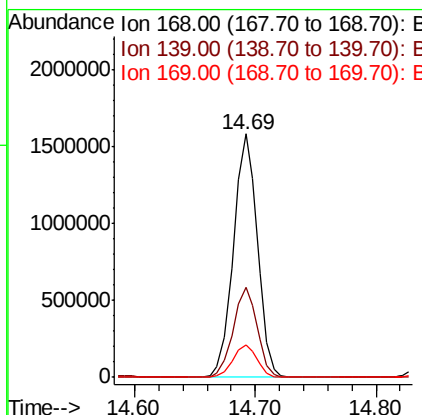
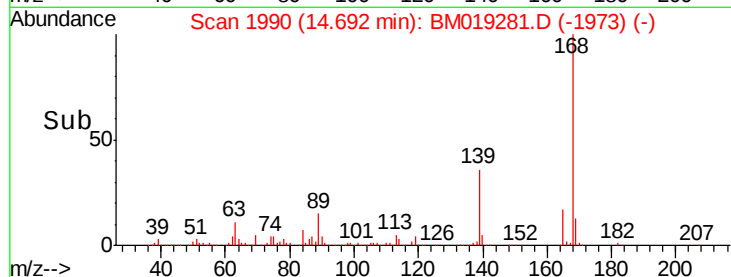
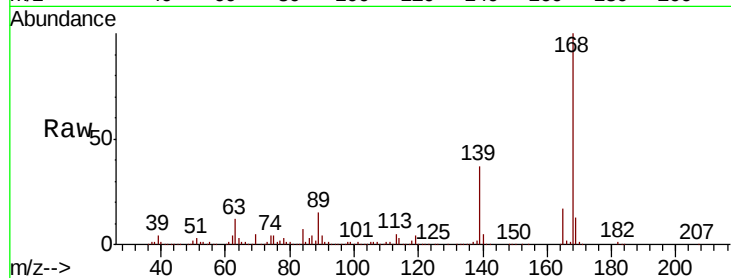




#55
Dibenzofuran
Concen: 39.835 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

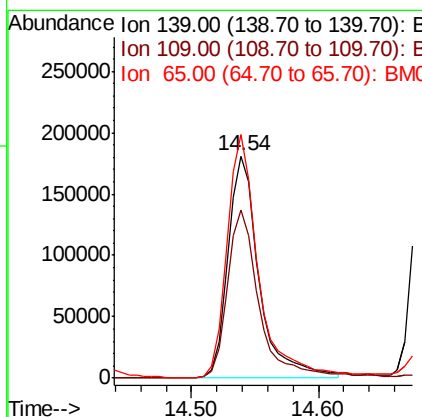
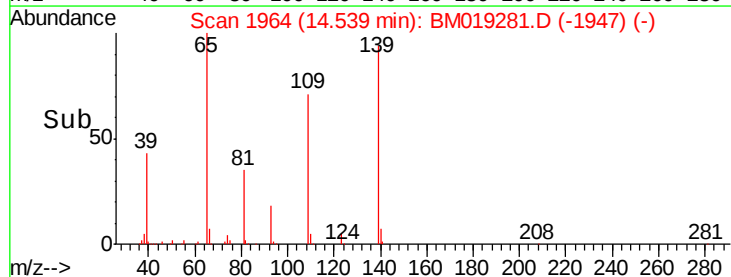
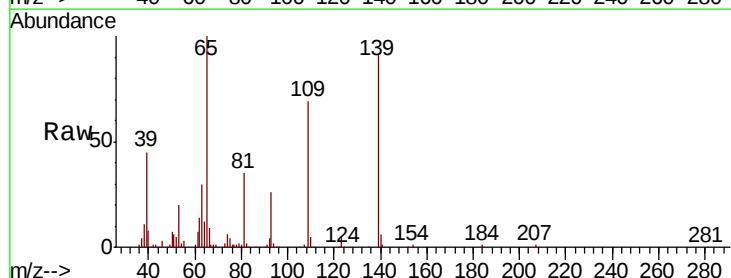
Instrument :
BNA_M
ClientSampleId :

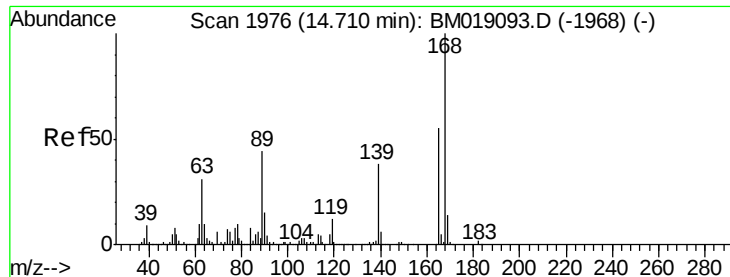
Tot Ion:168 Resp: 2189609
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 35.880 ng
RT: 14.54 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:139 Resp: 308784
Ion Ratio Lower Upper
139 100
109 75.7 55.0 95.0
65 109.6 87.8 127.8

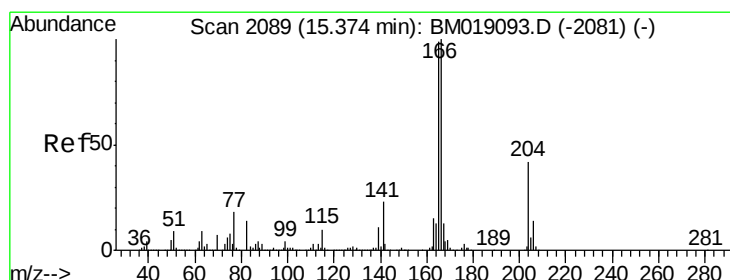
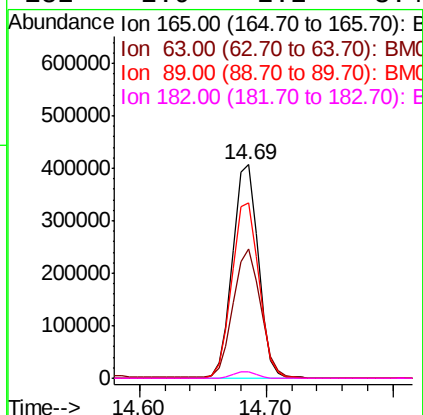
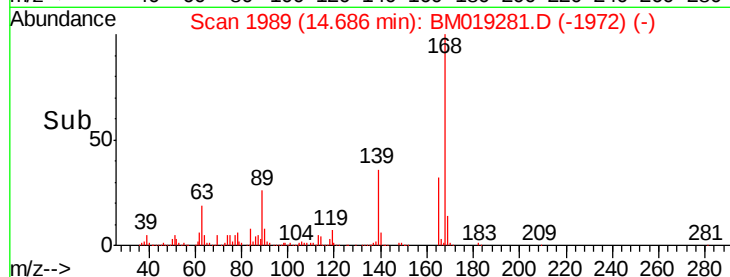
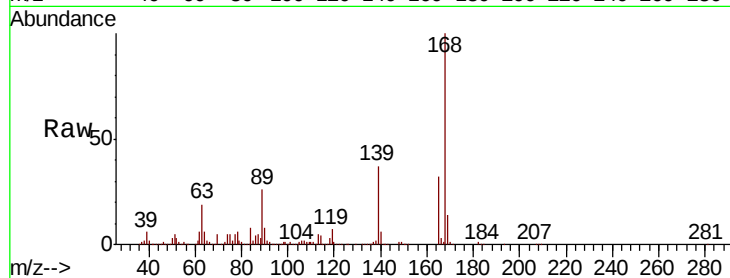




#57
 2,4-Dinitrotoluene
 Concen: 39.568 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

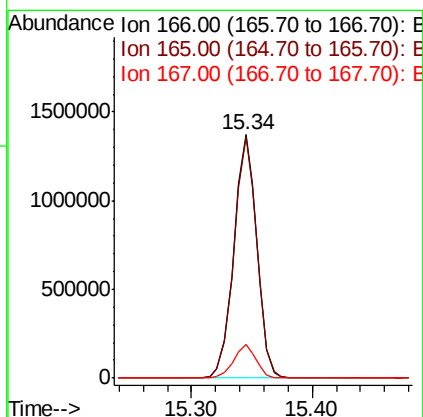
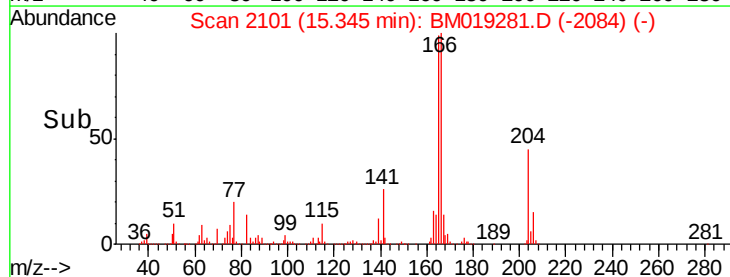
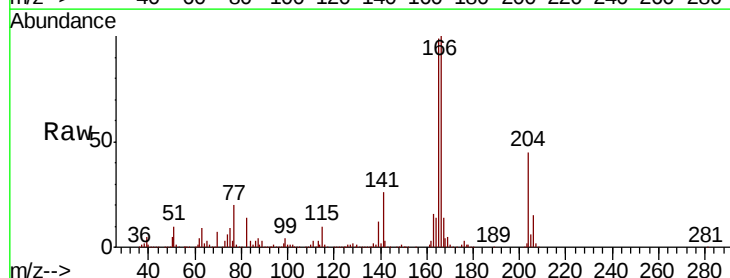
Instrument :
 BNA_M
 ClientSampleId :

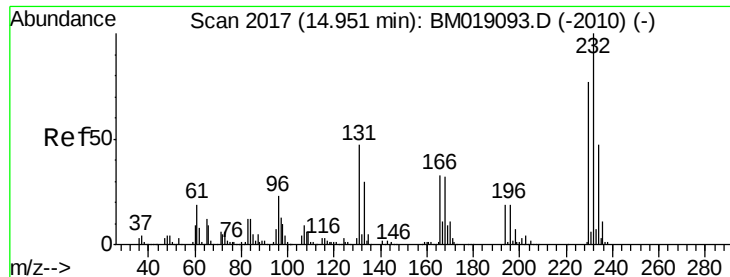
Tot Ion:165 Resp: 571609
 Ion Ratio Lower Upper
 165 100
 63 60.4 47.2 70.8
 89 82.0 65.5 98.3
 182 2.9 2.2 3.4



#58
 Fluorene
 Concen: 40.089 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:166 Resp: 1816375
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 118.0
 167 13.6 10.7 16.1

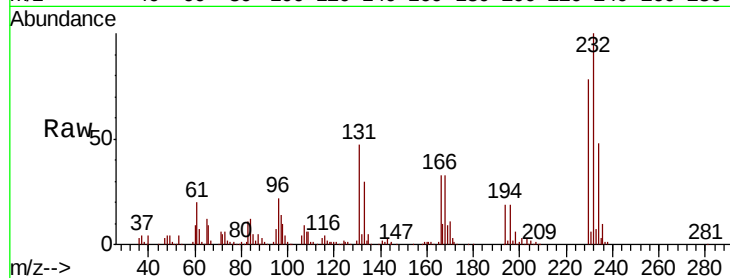




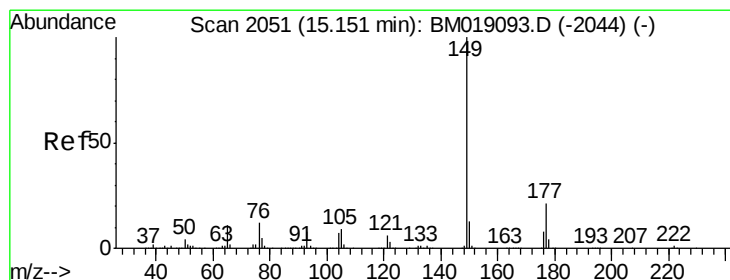
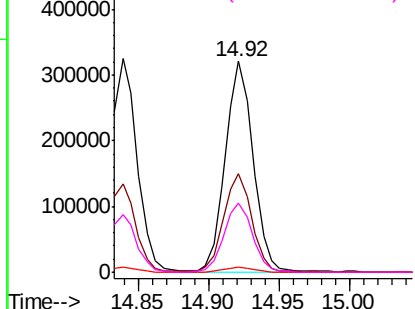
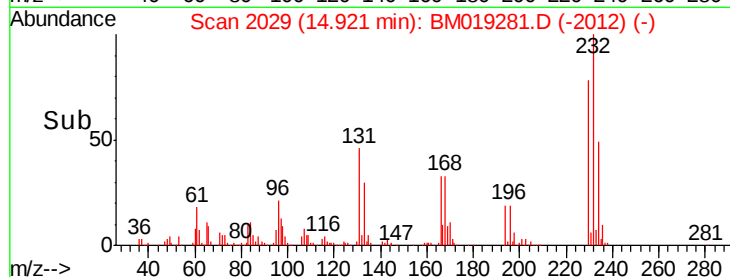
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.968 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 437720
 Ion Ratio Lower Upper
 232 100
 131 47.1 37.2 55.8
 130 2.4 2.0 3.0
 166 34.0 27.0 40.4

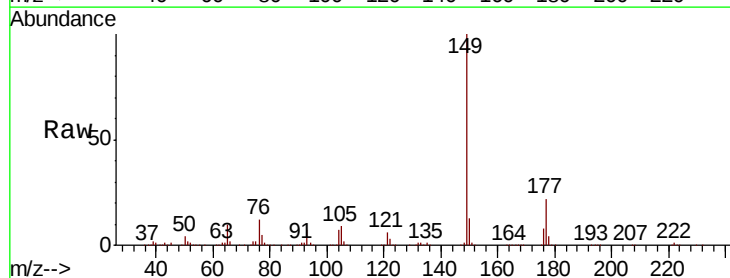


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

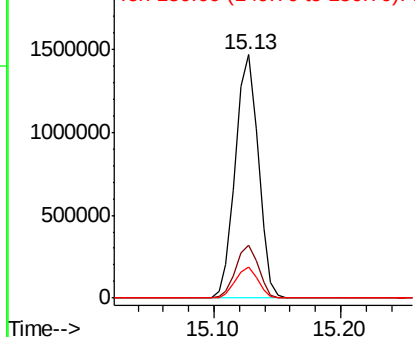
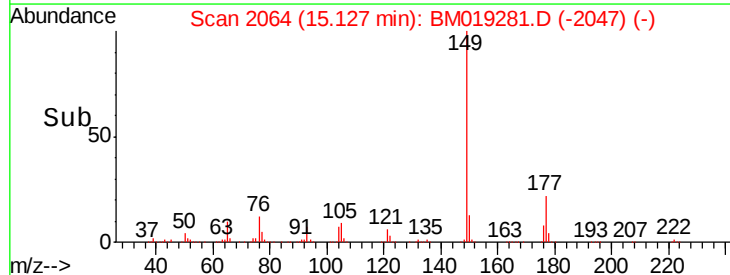


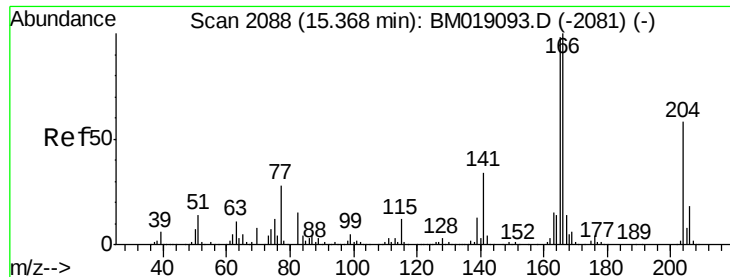
#60
 Diethylphthalate
 Concen: 39.394 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:149 Resp: 1836793
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.4 26.0
 150 12.6 10.1 15.1



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

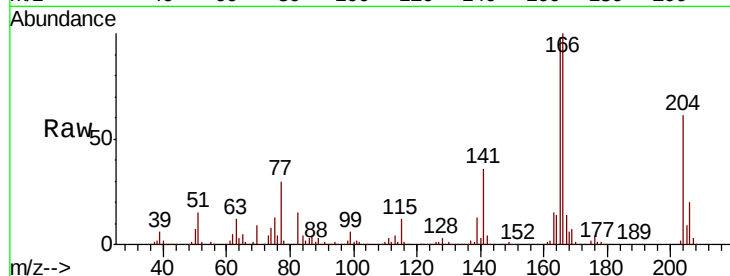




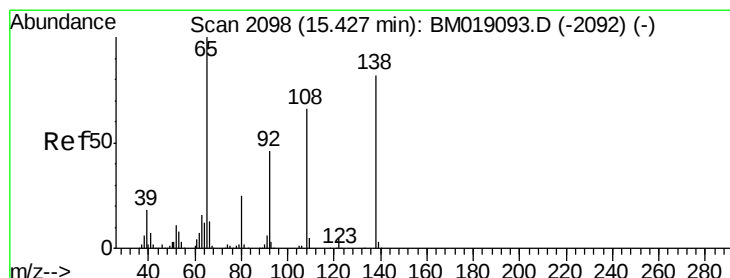
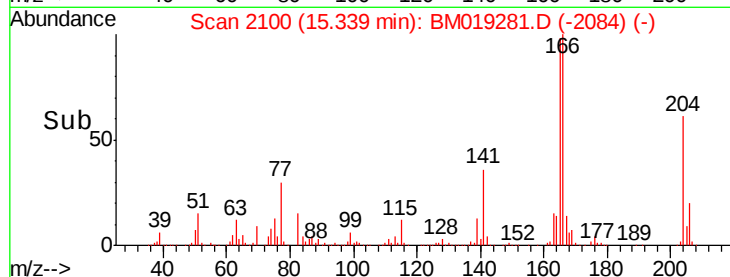
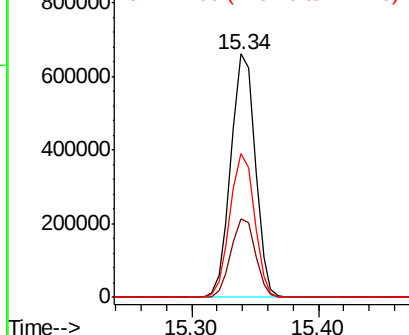
#61
 4-Chlorophenyl-phenylether
 Concen: 40.008 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 880403
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.0 39.0
 141 59.3 45.8 68.8

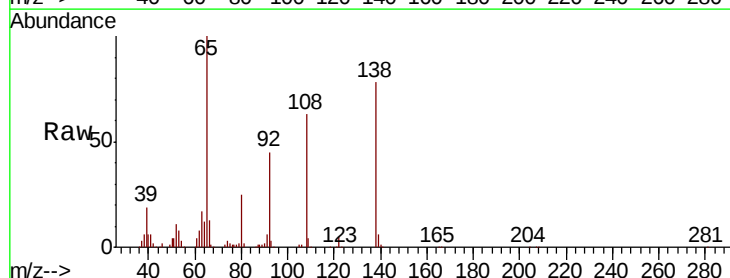


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

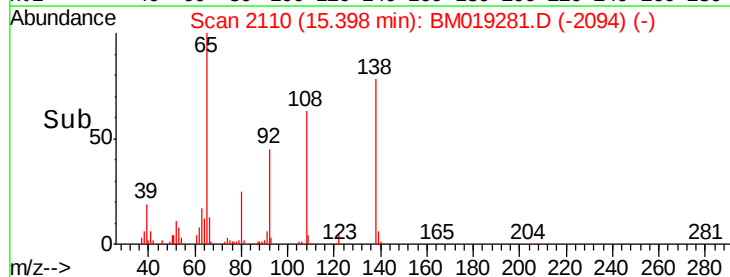
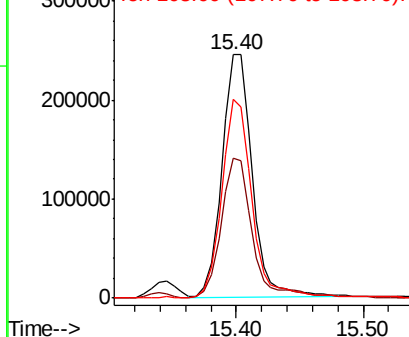


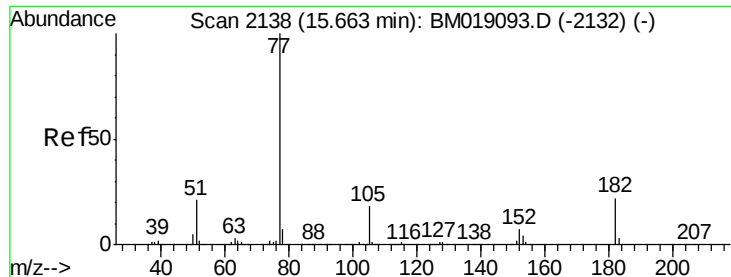
#62
 4-Nitroaniline
 Concen: 37.823 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:138 Resp: 401770
 Ion Ratio Lower Upper
 138 100
 92 57.4 34.8 74.8
 108 81.5 58.9 98.9



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

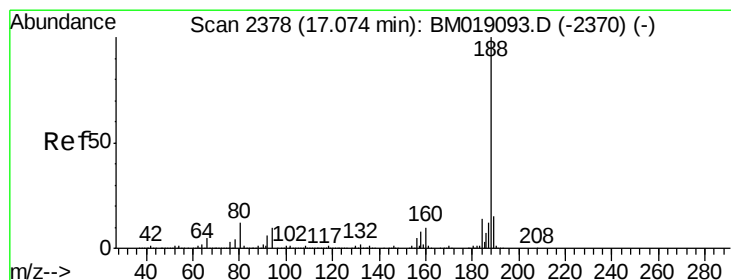
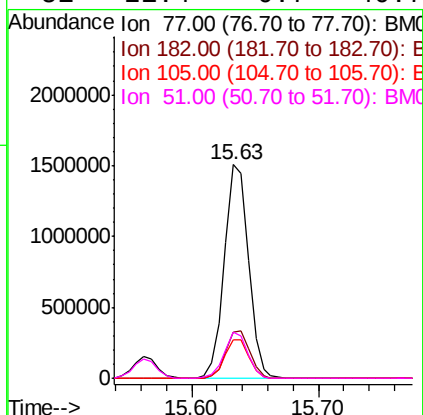
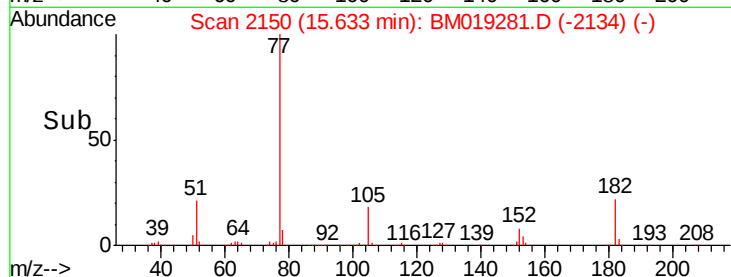
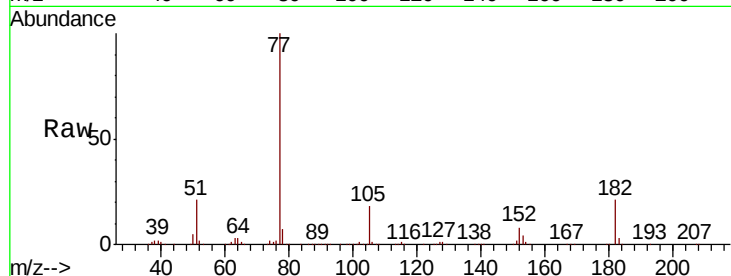




#63
Azobenzene
Concen: 40.471 ng
RT: 15.63 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

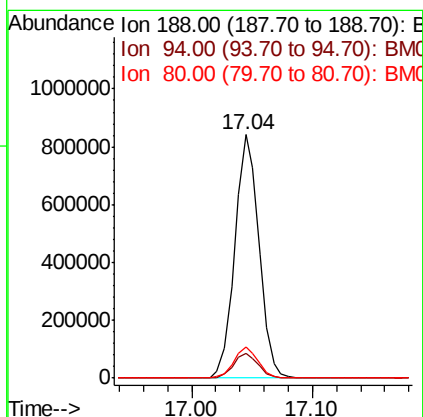
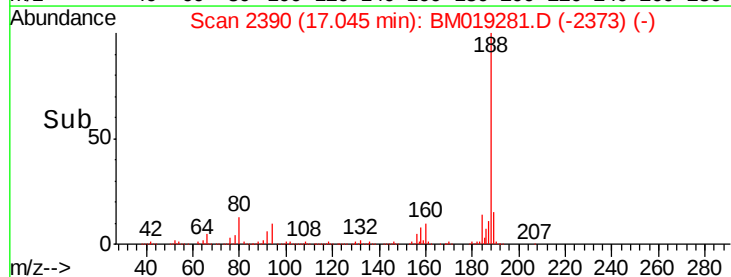
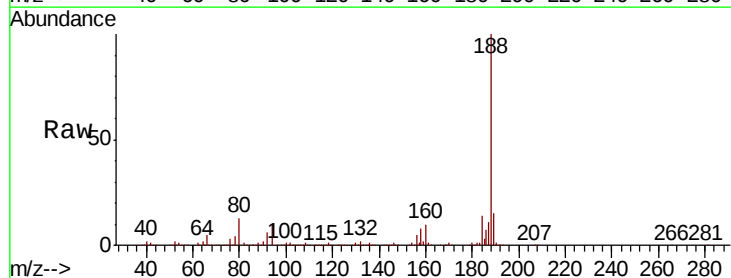
Instrument :
BNA_M
ClientSampleId :

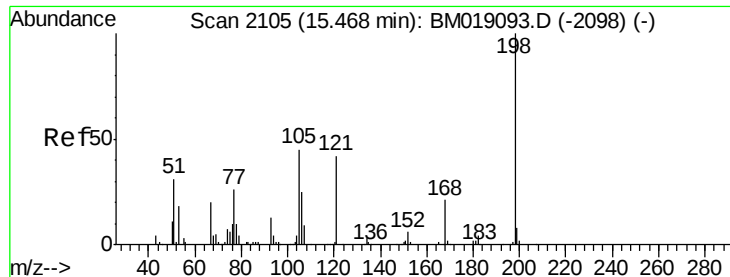
Tot Ion: 77 Resp: 1985649
Ion Ratio Lower Upper
77 100
182 21.5 2.7 42.7
105 18.0 0.0 38.1
51 21.4 0.7 40.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion: 188 Resp: 1176323
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 12.7 9.8 14.8





#65

4,6-Dinitro-2-methylphenol

Concen: 34.937 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

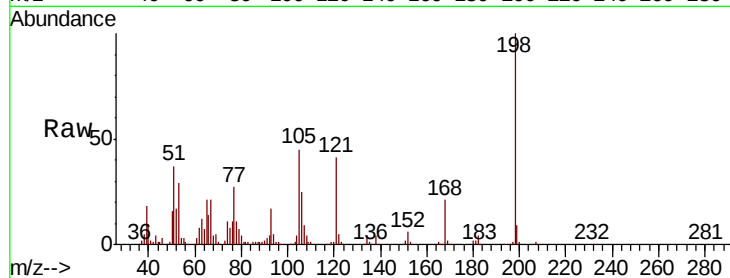
Tot Ion:198 Resp: 269309

Ion Ratio Lower Upper

198 100

51 37.3 16.1 56.1

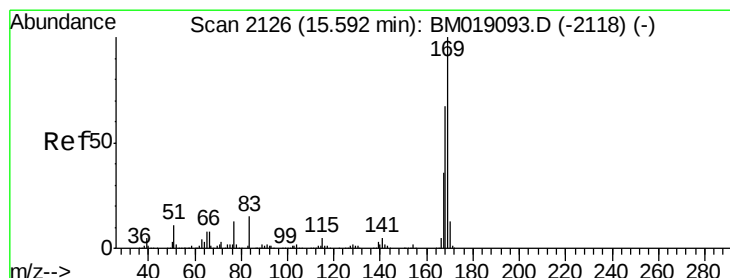
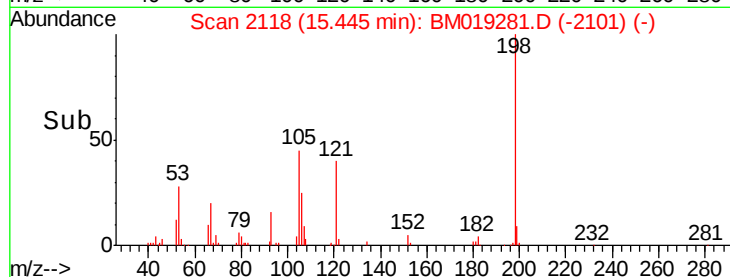
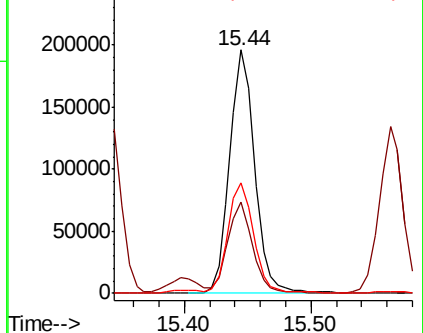
105 45.2 25.1 65.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019093.D (-2098) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.849 ng

RT: 15.56 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

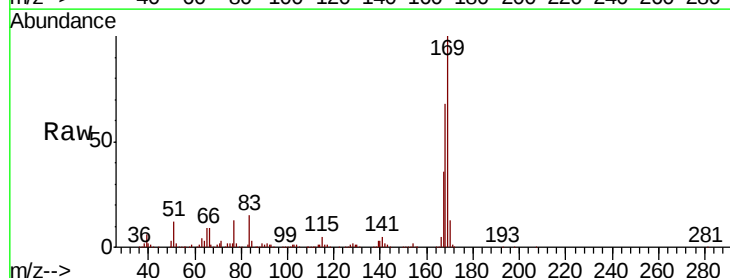
Tgt Ion:169 Resp: 1529818

Ion Ratio Lower Upper

169 100

168 67.9 55.0 82.4

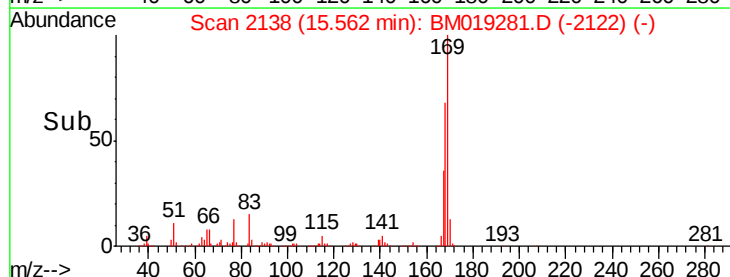
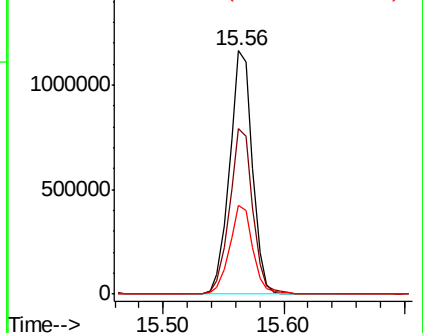
167 36.2 29.1 43.7

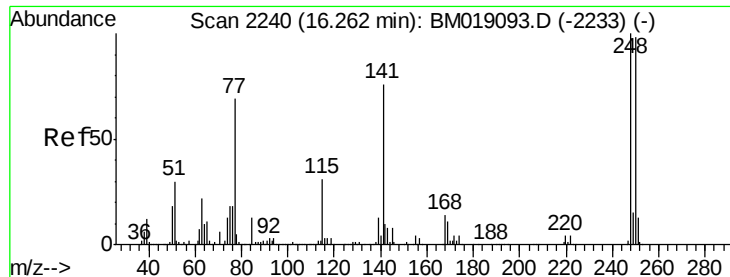


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

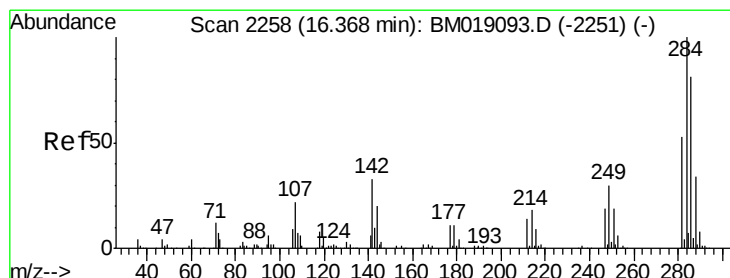
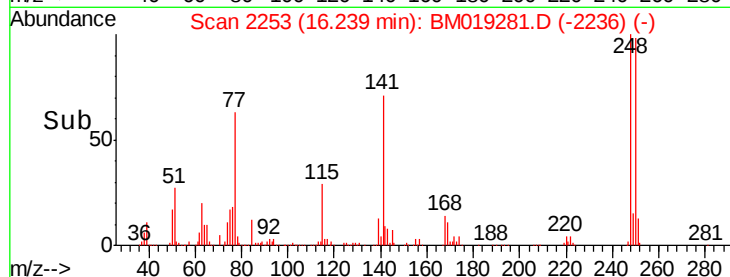
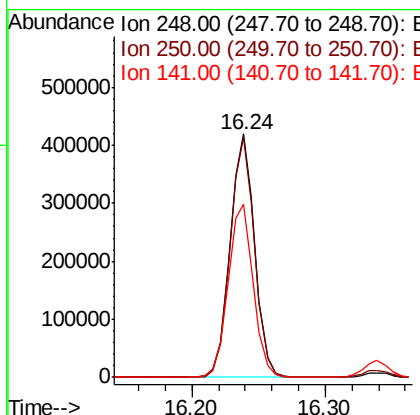
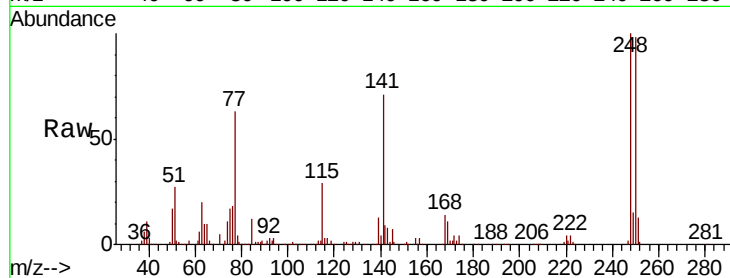




#67
 4-Bromophenyl-phenylether
 Concen: 41.434 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

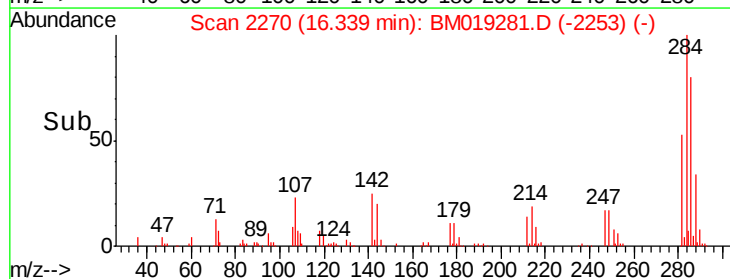
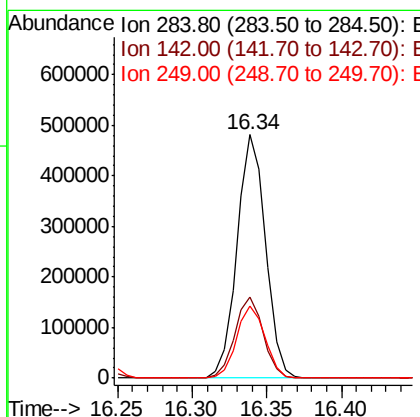
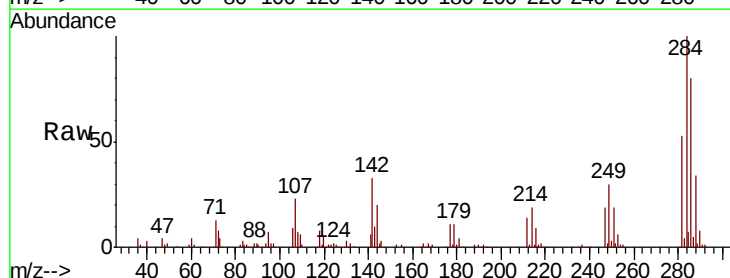
Instrument :
 BNA_M
 ClientSampled :

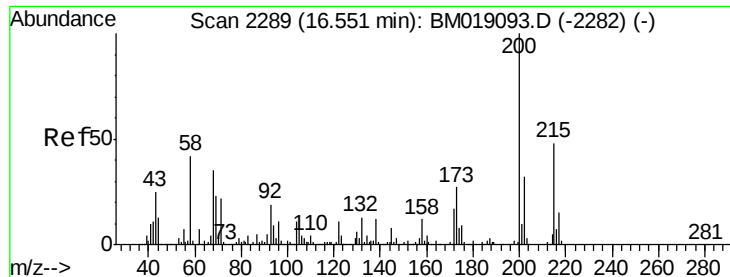
Tot Ion:248 Resp: 537477
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.2 117.2
 141 71.0 57.2 85.8



#68
 Hexachlorobenzene
 Concen: 41.485 ng
 RT: 16.34 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:284 Resp: 639786
 Ion Ratio Lower Upper
 284 100
 142 33.4 27.9 41.9
 249 29.9 23.5 35.3





#69

Atrazine

Concen: 39.653 ng

RT: 16.53 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

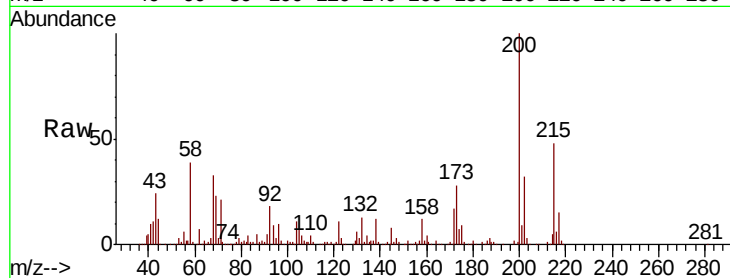
Tot Ion:200 Resp: 499892

Ion Ratio Lower Upper

200 100

173 27.5 6.8 46.8

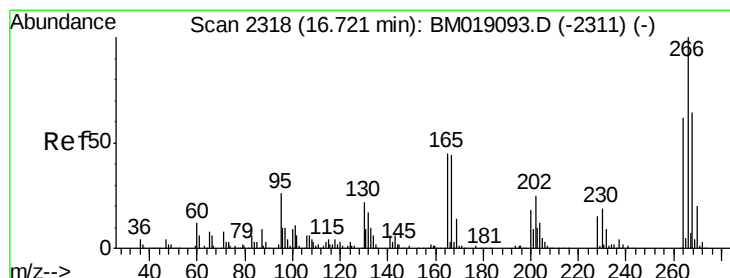
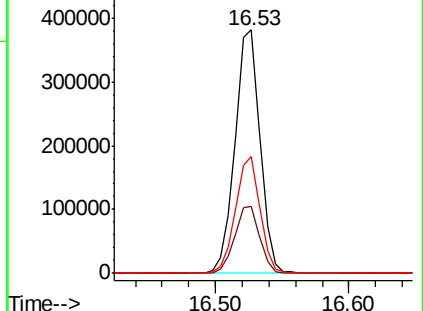
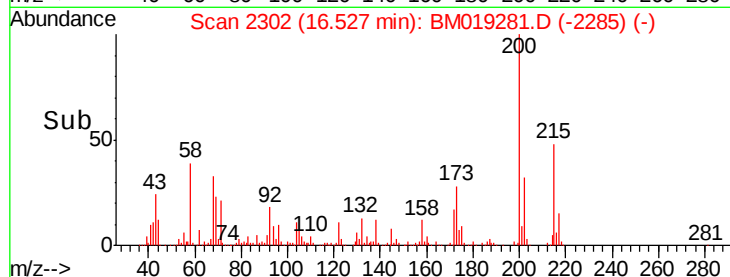
215 47.8 26.4 66.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.880 ng

RT: 16.70 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

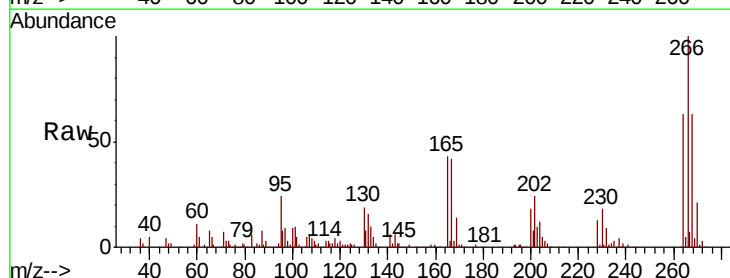
Tgt Ion:266 Resp: 351962

Ion Ratio Lower Upper

266 100

268 62.9 52.0 78.0

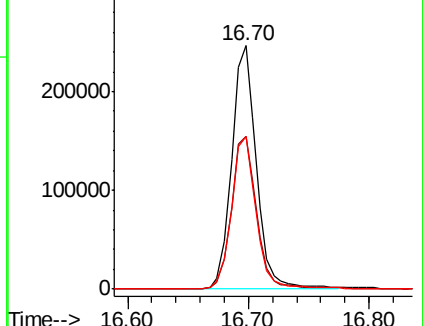
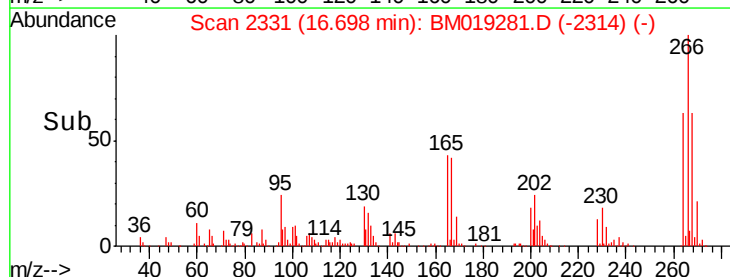
264 62.7 50.6 76.0

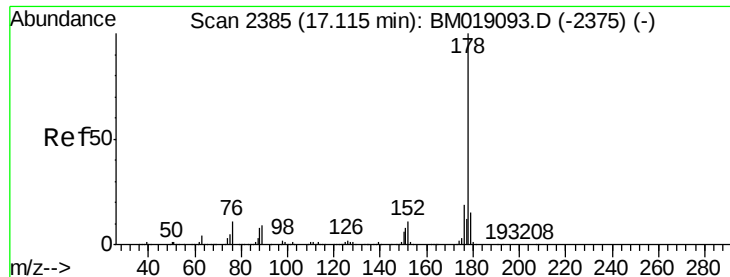


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

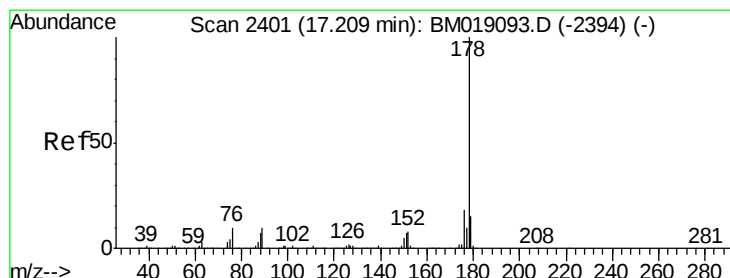
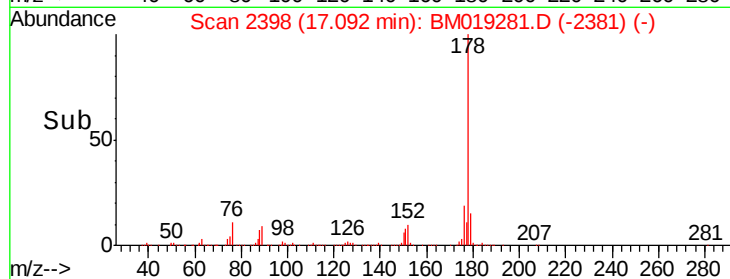
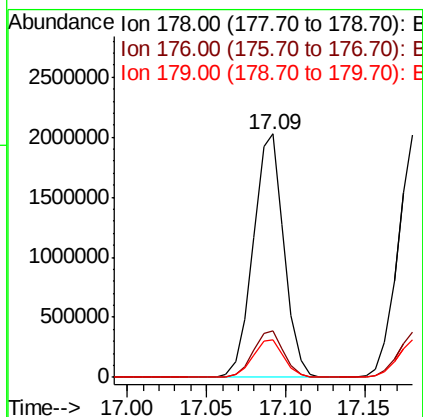
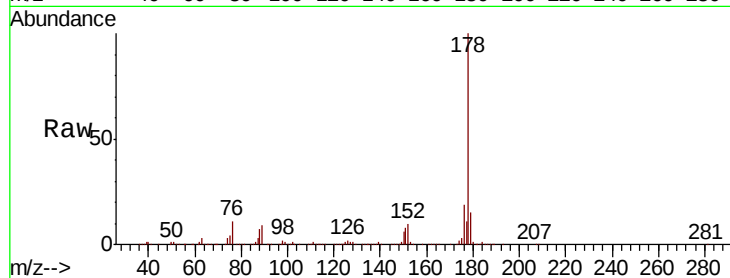




#71
Phenanthrene
Concen: 39.558 ng
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

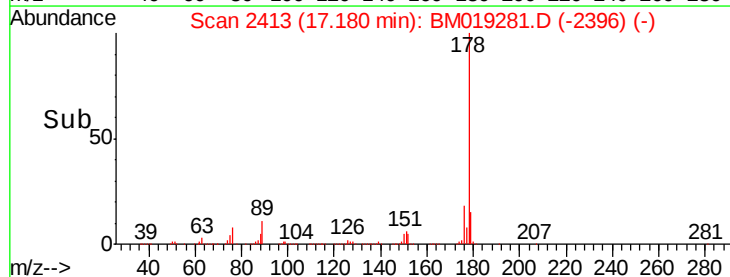
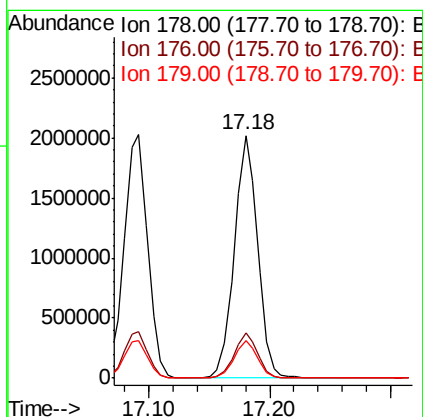
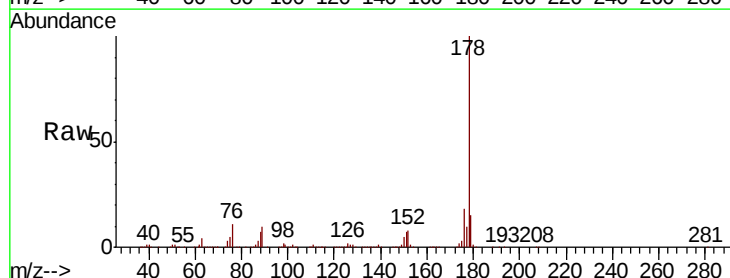
Instrument :
BNA_M
ClientSampleId :

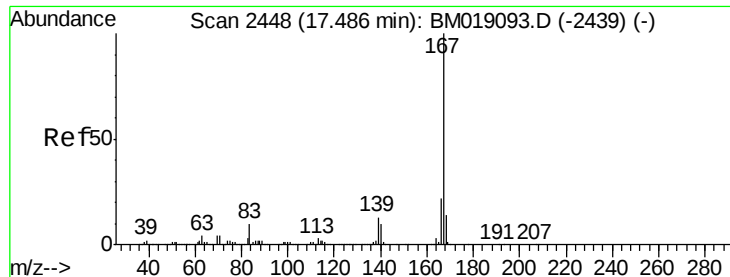
Tot Ion:178 Resp: 2727470
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 40.059 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:178 Resp: 2703897
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.4 12.2 18.2

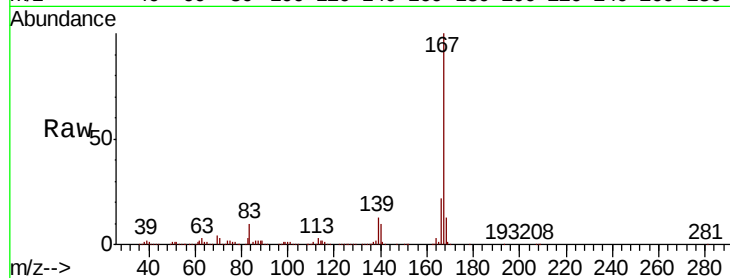




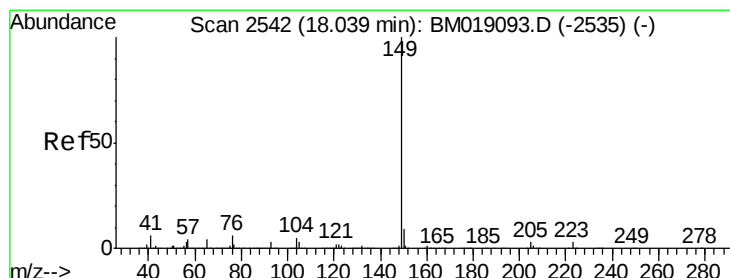
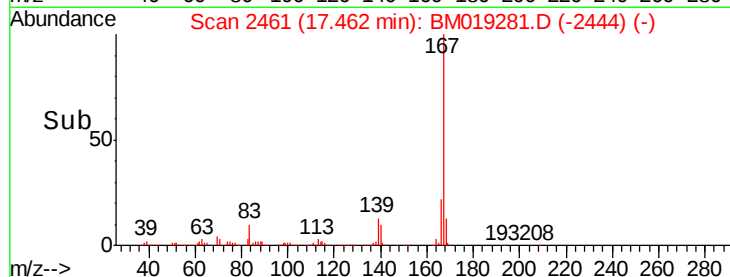
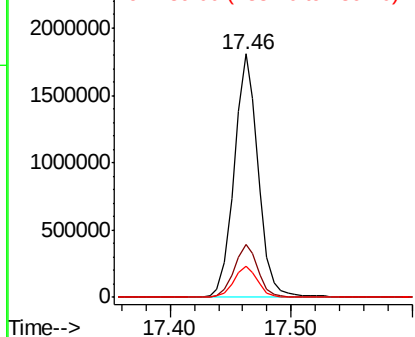
#73
 Carbazole
 Concen: 39.203 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2497515
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.0 10.3 15.5

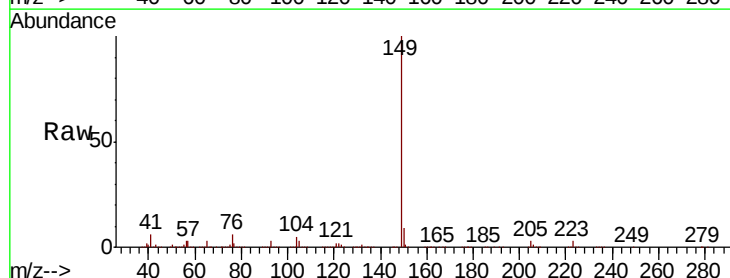


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

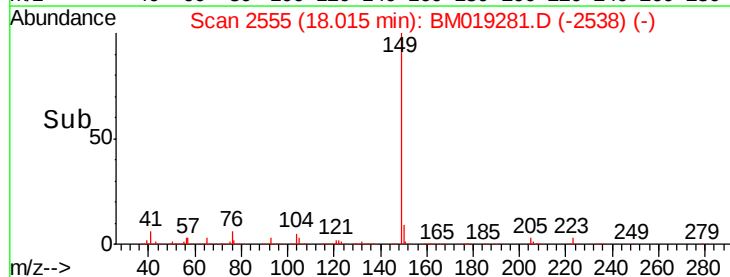
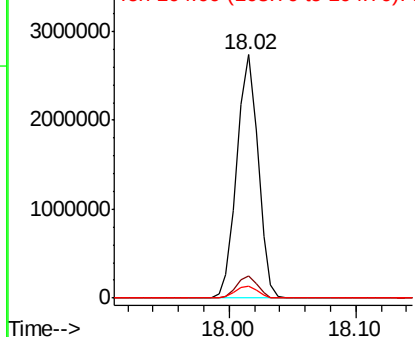


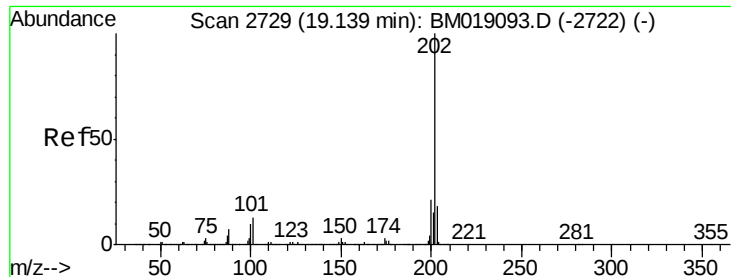
#74
 Di-n-butylphthalate
 Concen: 41.249 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:149 Resp: 3177702
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.2 4.1 6.1



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: 38.329 ng

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

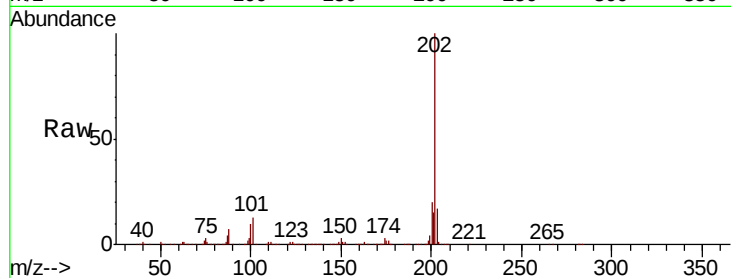
Tot Ion:202 Resp: 3032418

Ion Ratio Lower Upper

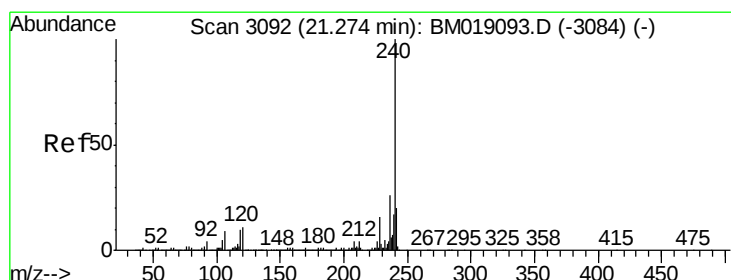
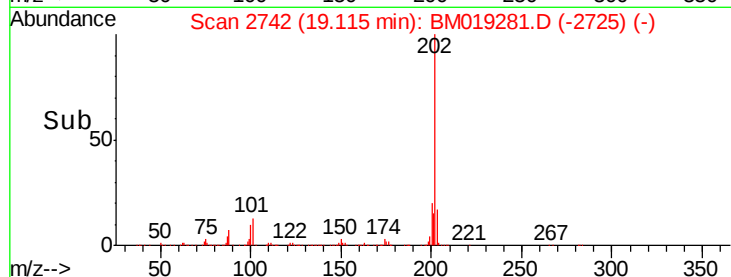
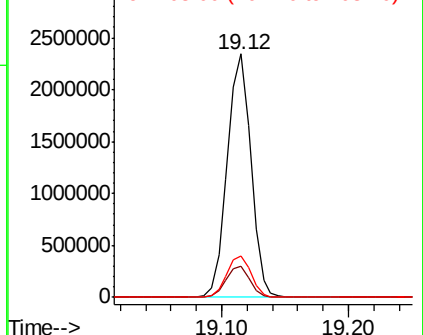
202 100

101 12.6 0.0 32.8

203 17.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

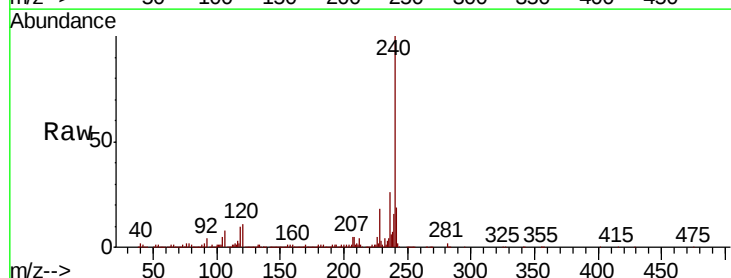
Tgt Ion:240 Resp: 1100396

Ion Ratio Lower Upper

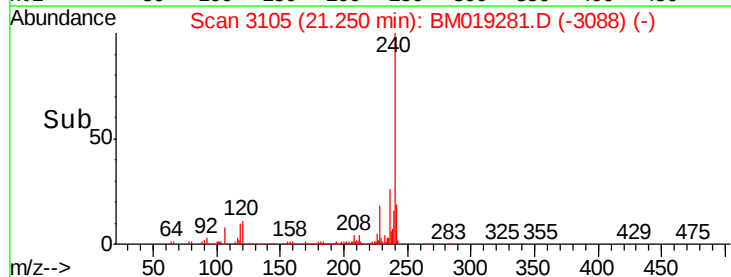
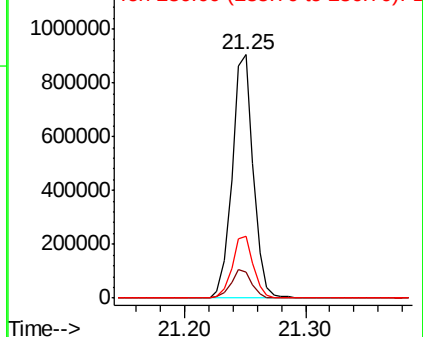
240 100

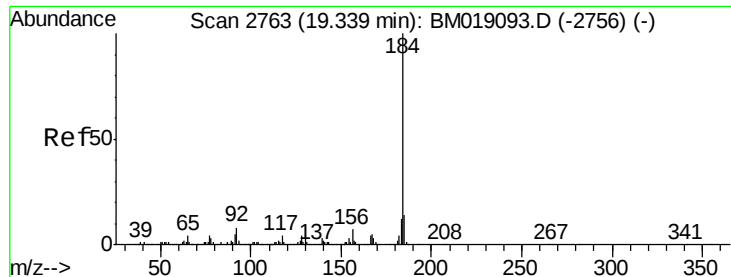
120 10.8 9.2 13.8

236 25.6 20.3 30.5



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: 40.863 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

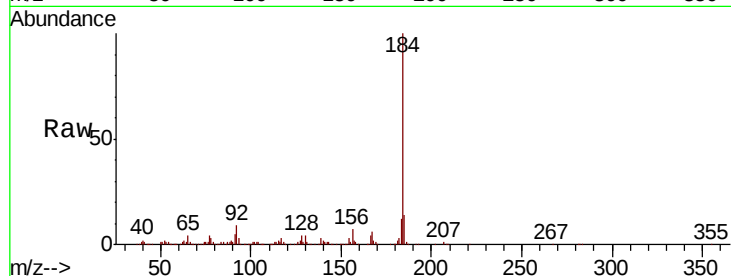
Tot Ion:184 Resp: 1275245

Ion Ratio Lower Upper

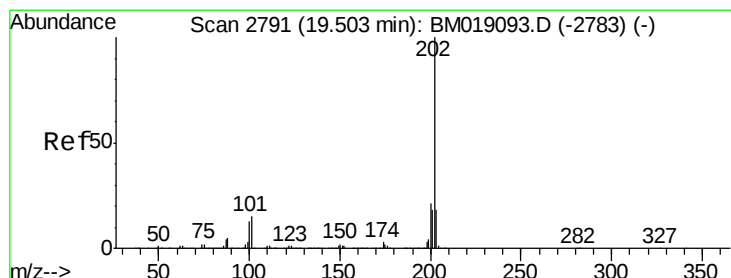
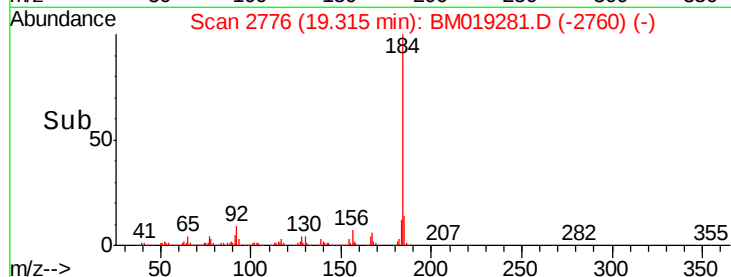
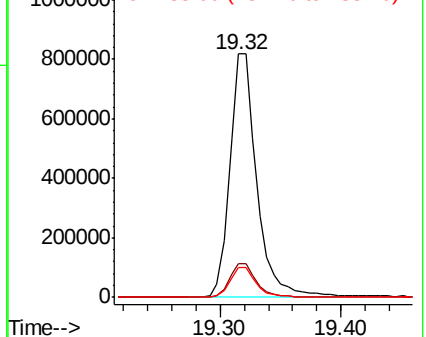
184 100

185 13.9 11.2 16.8

183 12.1 9.7 14.5



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: 44.121 ng

RT: 19.48 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

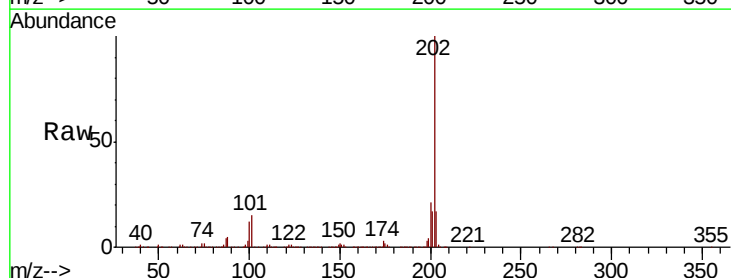
Tgt Ion:202 Resp: 3071826

Ion Ratio Lower Upper

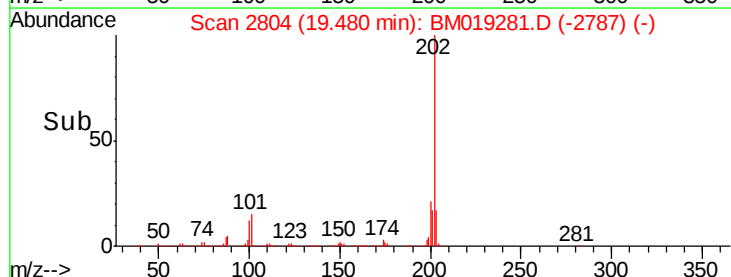
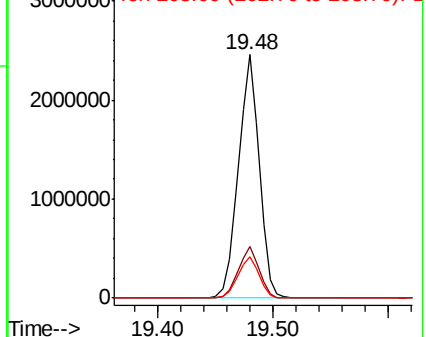
202 100

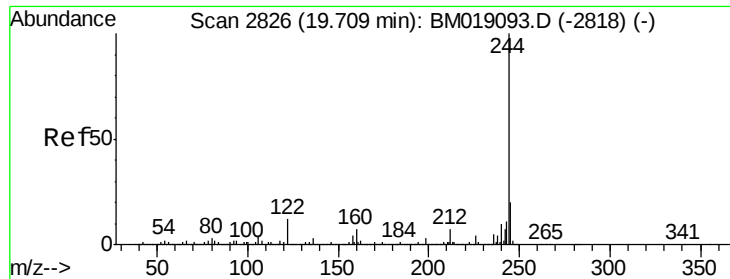
200 21.1 16.7 25.1

203 17.2 13.9 20.9



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: 90.426 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

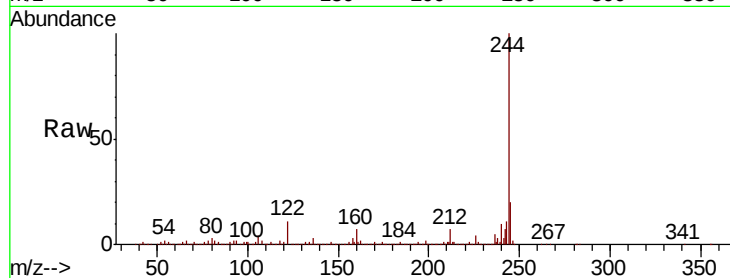
Tot Ion:244 Resp: 5012242

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

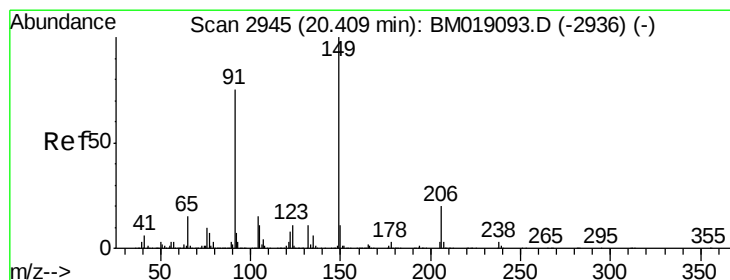
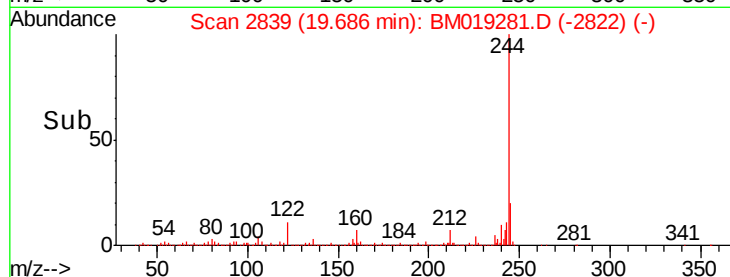
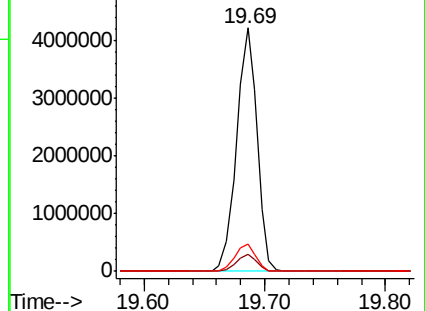
122 11.3 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.148 ng

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

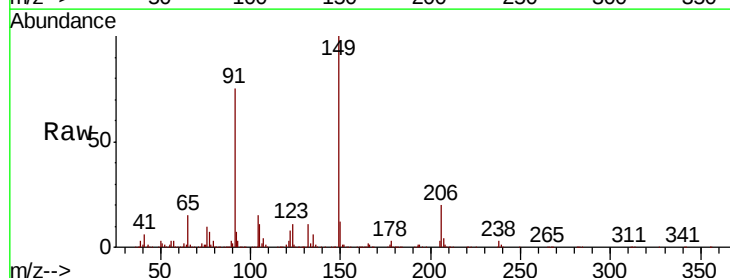
Tgt Ion:149 Resp: 1399444

Ion Ratio Lower Upper

149 100

91 75.0 61.6 92.4

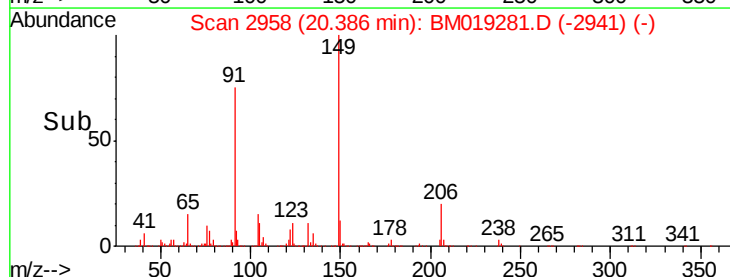
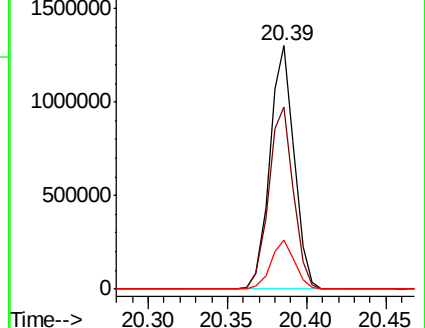
206 20.2 15.9 23.9

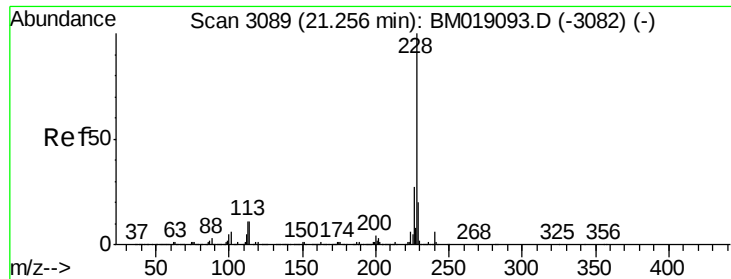


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.046 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampled :

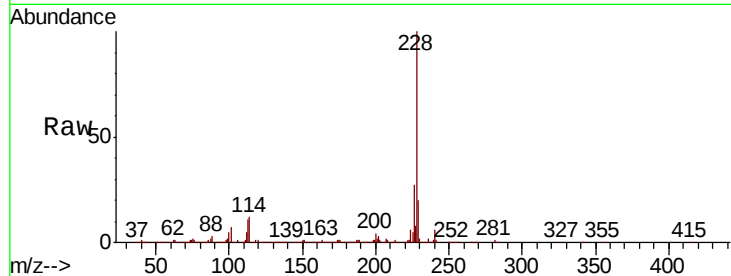
Tot Ion:228 Resp: 2695510

Ion Ratio Lower Upper

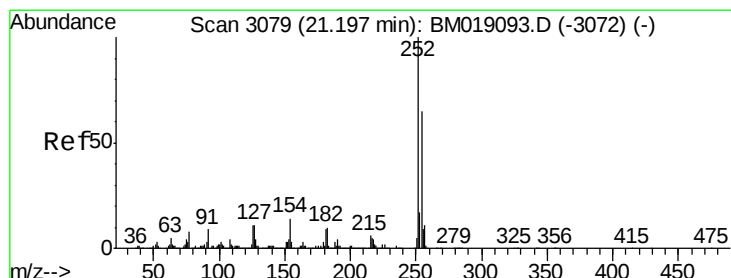
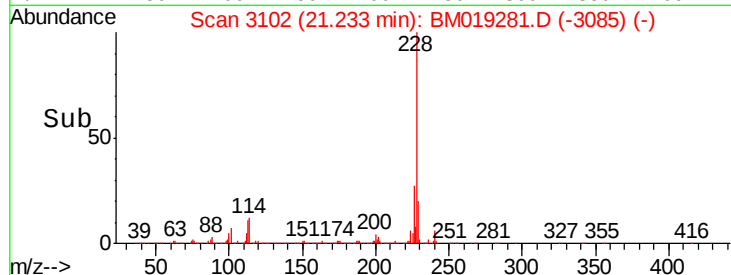
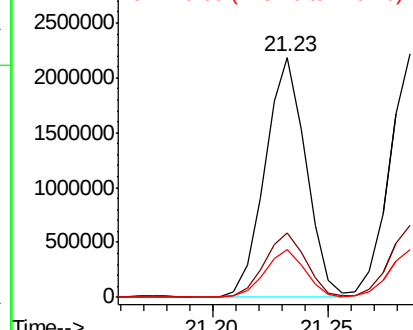
228 100

226 26.7 21.6 32.4

229 19.7 15.8 23.8



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: 39.161 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

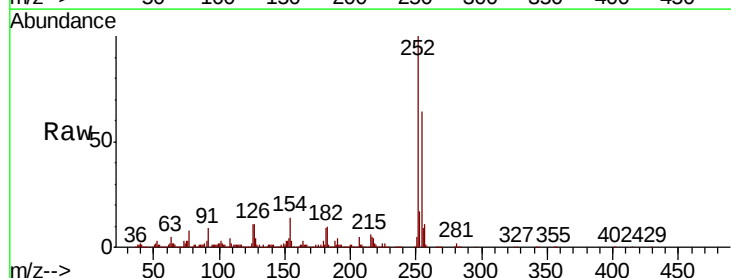
Tgt Ion:252 Resp: 1041453

Ion Ratio Lower Upper

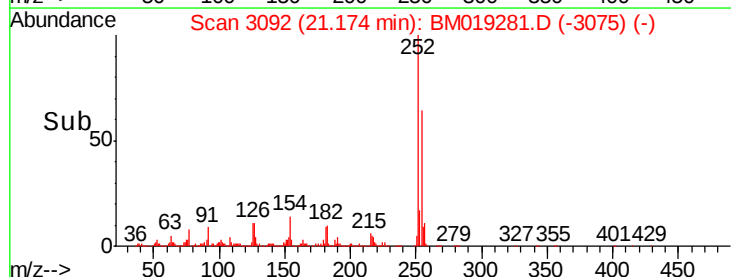
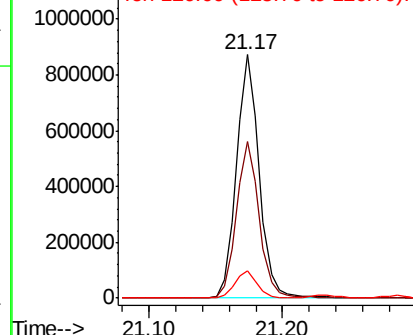
252 100

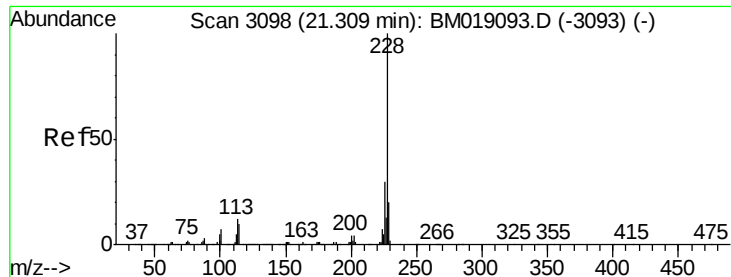
254 64.3 51.0 76.4

126 11.1 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

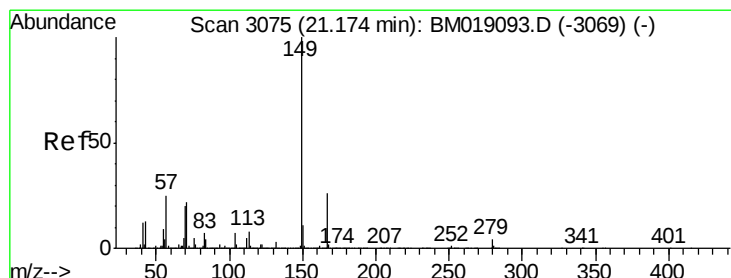
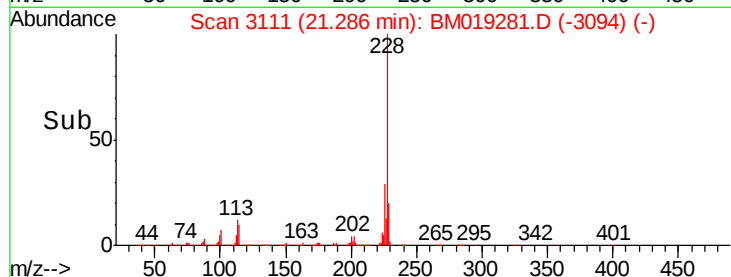
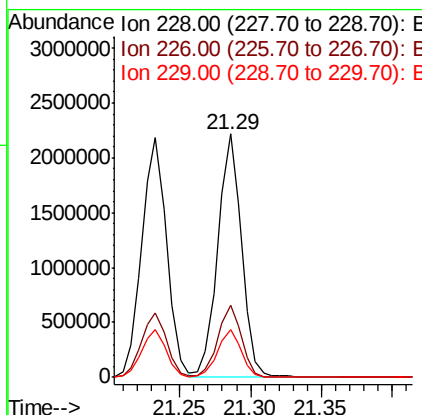
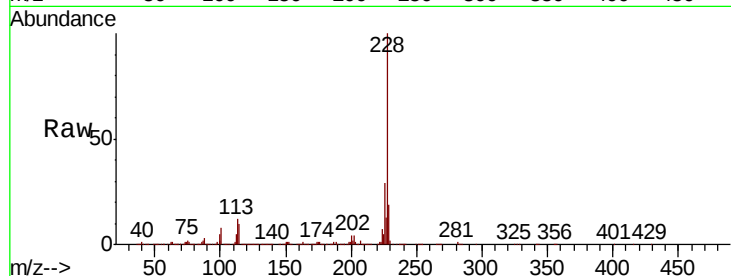




#83
 Chrvsene
 Concen: 38.767 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

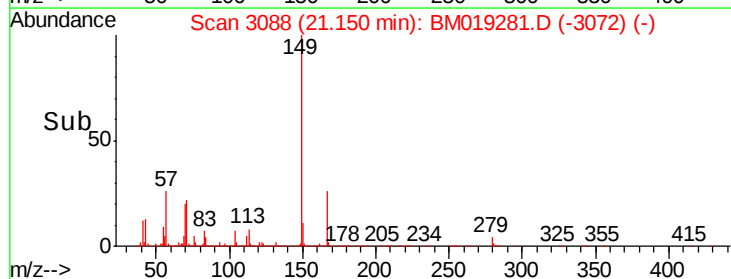
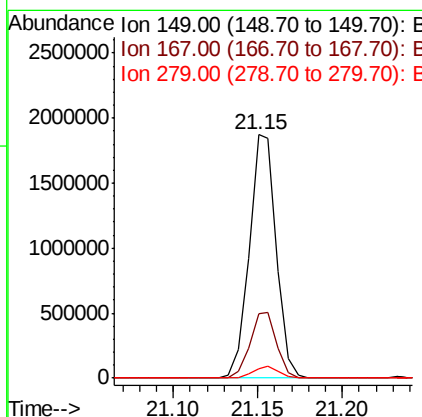
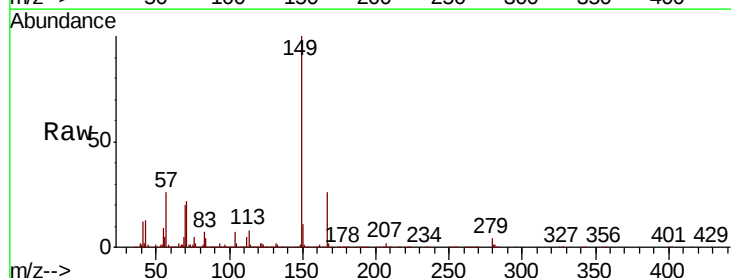
Instrument :
 BNA_M
 ClientSampled :

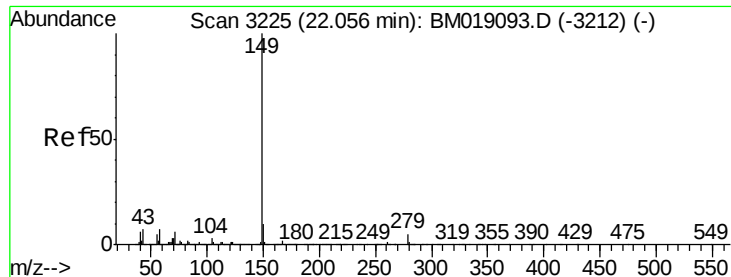
Tot Ion:228 Resp: 2589142
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 19.5 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.062 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM019281.D
 Acq: 21 Mar 2019 04:03

Tgt Ion:149 Resp: 2076258
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.4 32.2
 279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.672 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

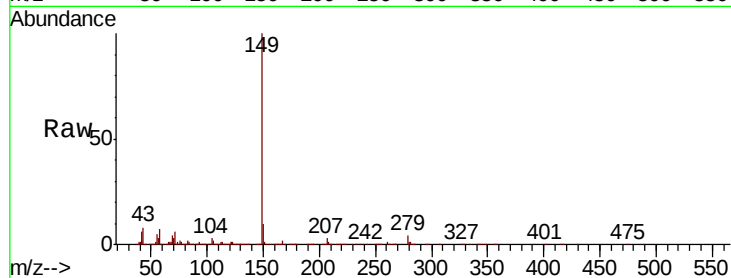
Tot Ion:149 Resp: 3318642

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

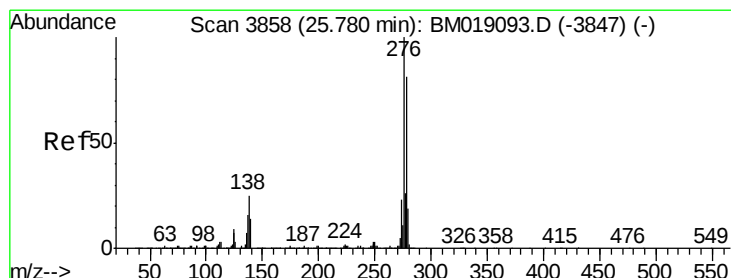
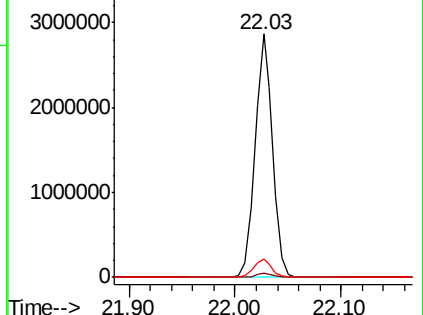
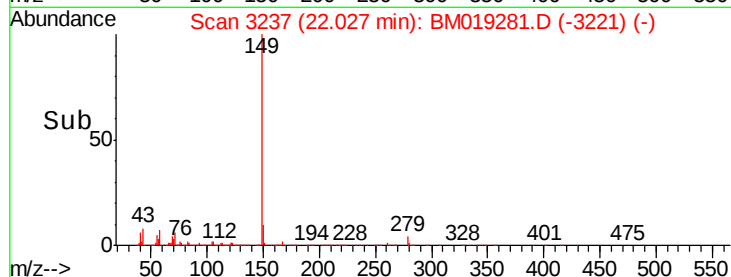
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.104 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

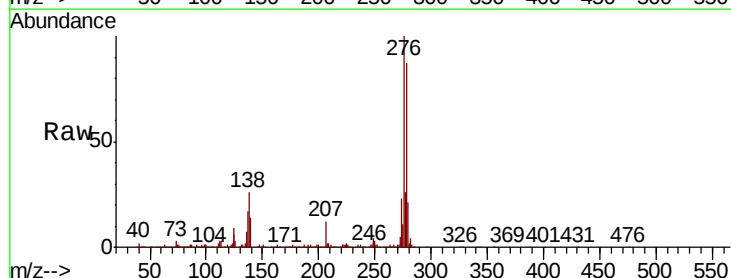
Tgt Ion:276 Resp: 2523755

Ion Ratio Lower Upper

276 100

138 24.7 19.6 29.4

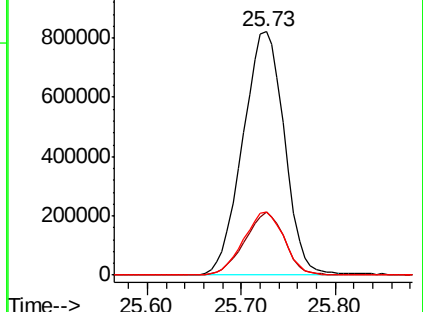
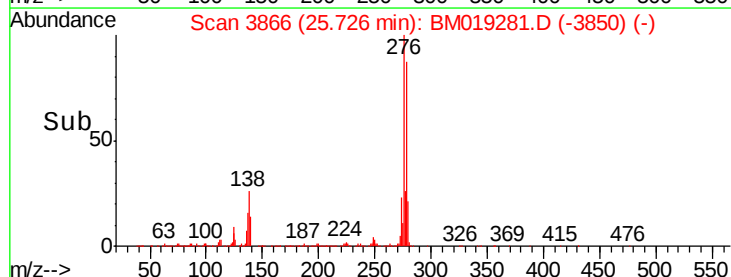
277 25.4 20.2 30.4

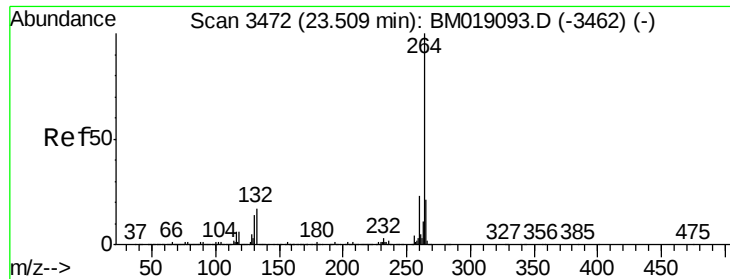


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



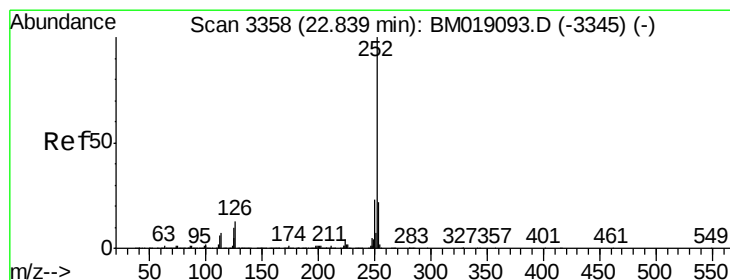
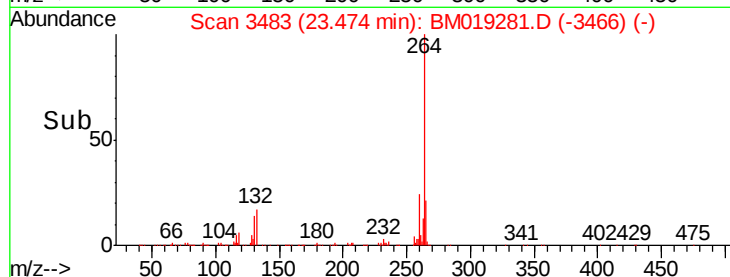
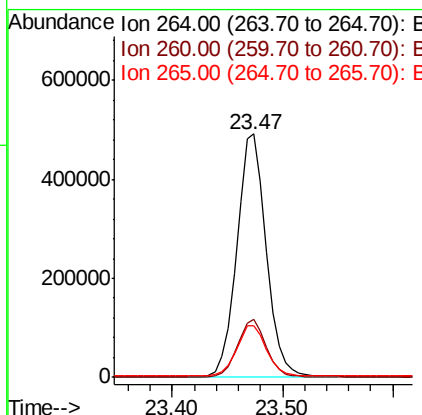
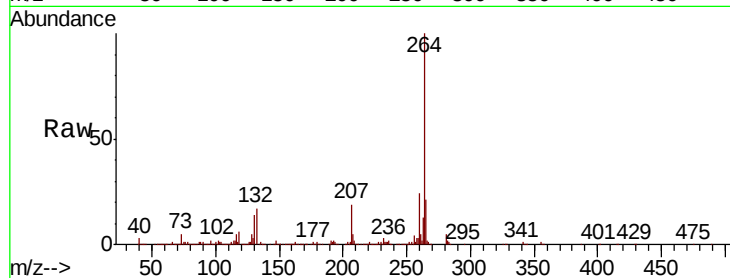


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 922843

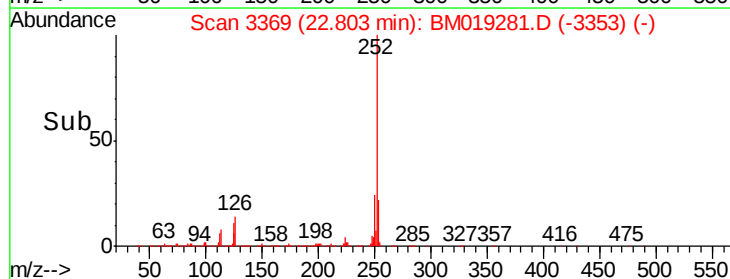
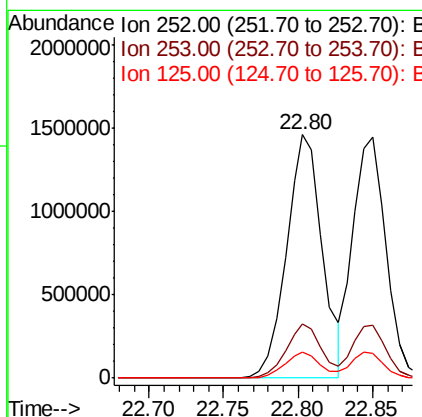
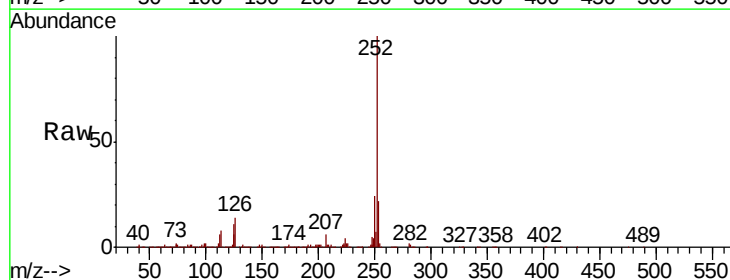
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.5	17.6	26.4

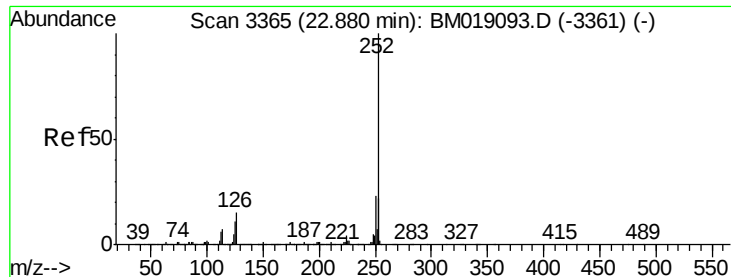


#88
Benzo(b)fluoranthene
Concen: 40.720 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM019281.D
Acq: 21 Mar 2019 04:03

Tgt Ion:252 Resp: 2434961

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.9	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 40.158 ng

RT: 22.85 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Instrument :

BNA_M

ClientSampleId :

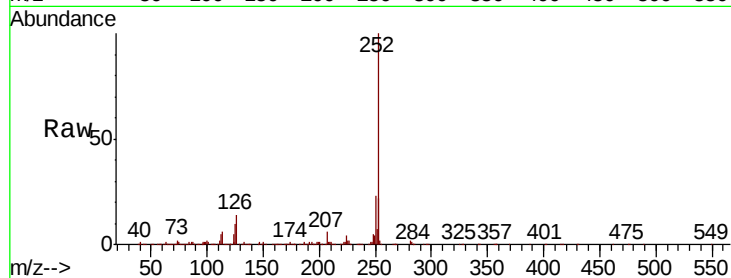
Tot Ion:252 Resp: 2208701

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

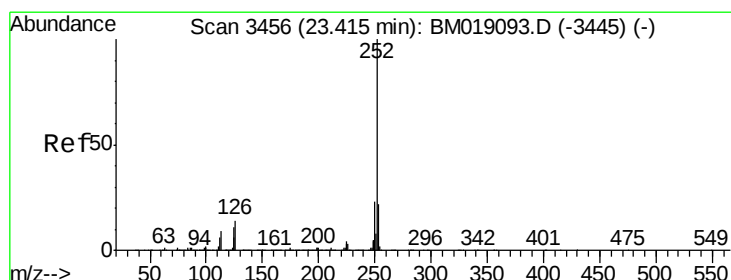
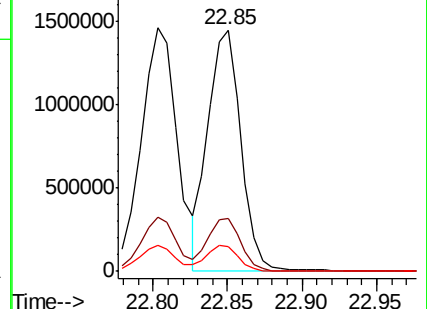
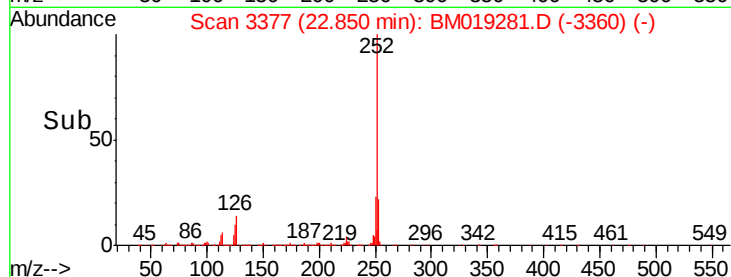
125 10.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.513 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

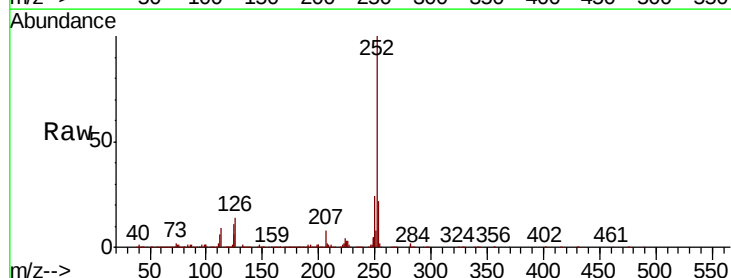
Tgt Ion:252 Resp: 2123361

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

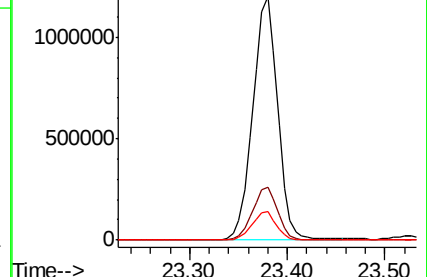
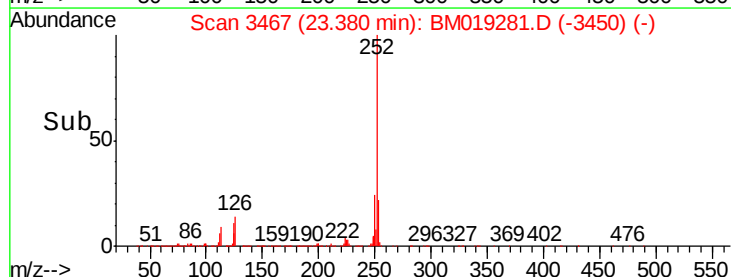
125 11.5 9.2 13.8

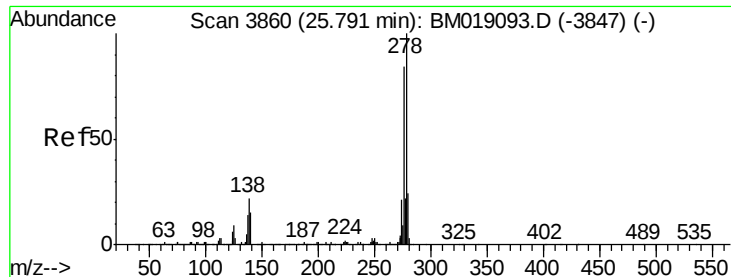


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.897 ng

RT: 25.74 min Scan# 3868

Delta R.T. 0.00 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

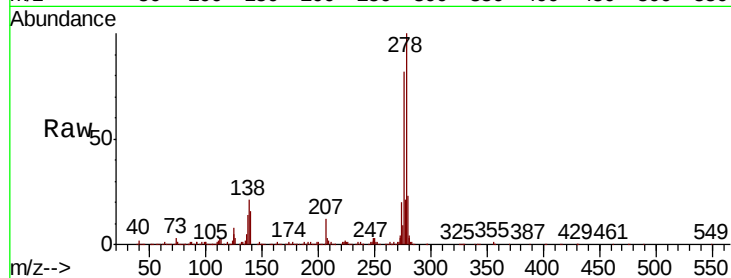
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2102342

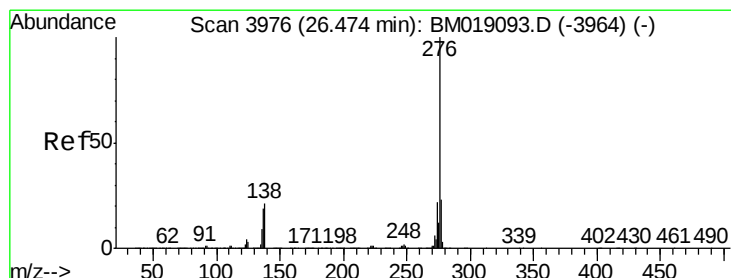
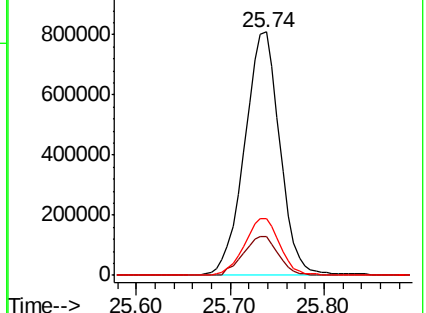
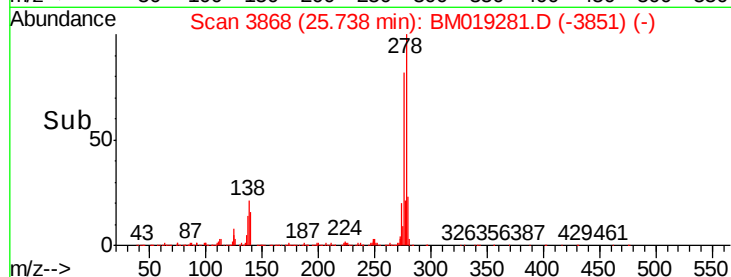
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.5	18.9	28.3



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: 42.324 ng

RT: 26.41 min Scan# 3983

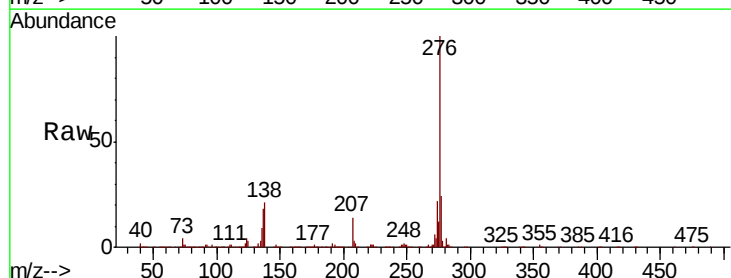
Delta R.T. -0.01 min

Lab File: BM019281.D

Acq: 21 Mar 2019 04:03

Tgt Ion:276 Resp: 1997525

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.4	16.9	25.3



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

