

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020228.D
 Acq On : 09 May 2019 21:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 10 04:46:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	97650	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	362306	20.00	ng	-0.01
39) Acenaphthene-d10	14.42	164	214452	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	500662	20.00	ng	0.00
76) Chrysene-d12	21.36	240	518364	20.00	ng	0.00
87) Perylene-d12	23.65	264	642848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	543563	90.99	ng	-0.01
7) Phenol-d6	6.95	99	713937	87.48	ng	0.00
23) Nitrobenzene-d5	8.95	82	799051	87.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	307287	92.31	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1528672	87.70	ng	-0.02
79) Terphenyl-d14	19.80	244	2557132	86.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	131896	45.017	ng	# 91
3) Pyridine	3.70	79	351883	46.959	ng	97
4) n-Nitrosodimethylamine	3.62	42	93270	38.816	ng	# 67
6) Aniline	7.12	93	455722	44.359	ng	96
8) 2-Chlorophenol	7.34	128	290276	44.625	ng	98
9) Benzaldehyde	6.93	77	250984	40.632	ng	94
10) Phenol	6.97	94	384793	43.797	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	285057	44.640	ng	97
12) 1,3-Dichlorobenzene	7.66	146	337129	44.545	ng	97
13) 1,4-Dichlorobenzene	7.82	146	344202	45.021	ng	97
14) 1,2-Dichlorobenzene	8.13	146	320501	44.001	ng	98
15) Benzyl Alcohol	8.02	79	311159	39.539	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	213518	40.324	ng	96
17) 2-Methylphenol	8.22	107	244499	43.230	ng	95
18) Hexachloroethane	8.85	117	120683	37.857	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	278133	39.833	ng	96
20) 3+4-Methylphenols	8.55	107	320767	42.673	ng	96
22) Acetophenone	8.60	105	428125	43.237	ng	# 96
24) Nitrobenzene	8.99	77	405900	42.659	ng	92
25) Isophorone	9.50	82	682671	43.138	ng	99
26) 2-Nitrophenol	9.69	139	152338	53.032	ng	93
27) 2,4-Dimethylphenol	9.75	122	208220	43.539	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	381647	44.279	ng	97
29) 2,4-Dichlorophenol	10.22	162	274624	45.540	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	334853	45.127	ng	98
31) Naphthalene	10.62	128	845270	44.958	ng	99
32) Benzoic acid	9.87	122	153243	45.444	ng	94
33) 4-Chloroaniline	10.74	127	333998	43.161	ng	96
34) Hexachlorobutadiene	10.89	225	230539	43.920	ng	95
35) Caprolactam	11.54	113	82815m	45.927	ng	
36) 4-Chloro-3-methylphenol	11.86	107	299600	42.277	ng	92
37) 2-Methylnaphthalene	12.23	142	601180	43.860	ng	96
38) 1-Methylnaphthalene	12.46	142	583594	43.541	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	378914	45.162	ng	# 97

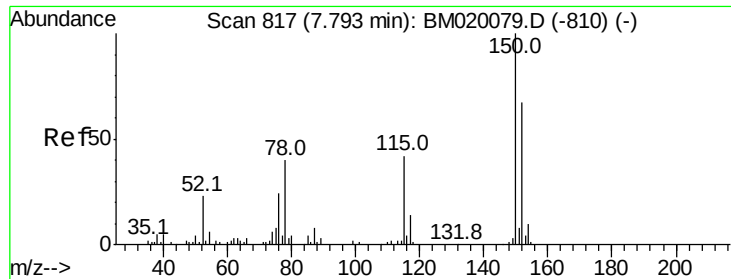
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020228.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	35343	7.154	nq	99
43) 2,4,6-Trichlorophenol	12.85	196	226369	47.473	nq	98
44) 2,4,5-Trichlorophenol	12.92	196	242123	45.453	nq	95
46) 1,1'-Biphenyl	13.25	154	784670	44.454	nq	98
47) 2-Chloronaphthalene	13.30	162	627305	44.511	nq	98
48) 2-Nitroaniline	13.52	65	222190	44.284	nq	90
49) Acenaphthylene	14.14	152	1005570	44.583	nq	99
50) Dimethylphthalate	13.88	163	764276	41.932	nq	100
51) 2,6-Dinitrotoluene	14.01	165	169389	44.124	nq	88
52) Acenaphthene	14.49	154	575055	44.460	nq	99
53) 3-Nitroaniline	14.34	138	165036	46.319	nq	100
54) 2,4-Dinitrophenol	14.56	184	18144	16.908	nq	85
55) Dibenzofuran	14.82	168	949197	43.507	nq	96
56) 4-Nitrophenol	14.65	139	129656	42.650	nq	88
57) 2,4-Dinitrotoluene	14.80	165	227331	43.580	nq	92
58) Fluorene	15.47	166	774207	43.209	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	227556	44.952	nq	96
60) Diethylphthalate	15.24	149	747421	40.702	nq	98
61) 4-Chlorophenyl-phenylether	15.47	204	423746	41.739	nq	94
62) 4-Nitroaniline	15.51	138	174426	44.360	nq	93
63) Azobenzene	15.76	77	841585	38.848	nq	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	35830	19.229	nq	95
66) n-Nitrosodiphenylamine	15.69	169	660028	44.802	nq	97
67) 4-Bromophenyl-phenylether	16.36	248	271679	44.252	nq	96
68) Hexachlorobenzene	16.47	284	313439	44.366	nq	97
69) Atrazine	16.63	200	238748	41.469	nq	99
70) Pentachlorophenol	16.82	266	188747	46.694	nq	98
71) Phenanthrene	17.22	178	1233141	44.619	nq	100
72) Anthracene	17.30	178	1236906	44.763	nq	99
73) Carbazole	17.58	167	1101560	44.181	nq	98
74) Di-n-butylphthalate	18.13	149	1284839	42.820	nq	98
75) Fluoranthene	19.23	202	1520418	43.481	nq	100
77) Benzidine	19.43	184	701899	42.353	nq	98
78) Pyrene	19.60	202	1569933	45.110	nq	99
80) Butylbenzylphthalate	20.49	149	598480	47.288	nq	96
81) Benzo(a)anthracene	21.34	228	1613908	44.396	nq	99
82) 3,3'-Dichlorobenzidine	21.28	252	645579	46.529	nq	98
83) Chrysene	21.40	228	1578755	44.780	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	859434	43.762	nq	99
85) Di-n-octyl phthalate	22.15	149	1482369	45.415	nq	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	2146317	51.181	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	1747559	41.167	nq	100
89) Benzo(k)fluoranthene	23.00	252	1614889	41.704	nq	100
90) Benzo(a)pyrene	23.55	252	1661562	43.092	nq	98
91) Dibenzo(a,h)anthracene	26.00	278	1800472	44.900	nq	100
92) Benzo(g,h,i)perylene	26.70	276	1751880	46.017	nq	97

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

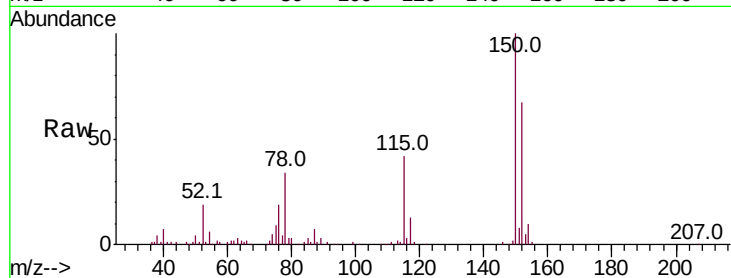


#1

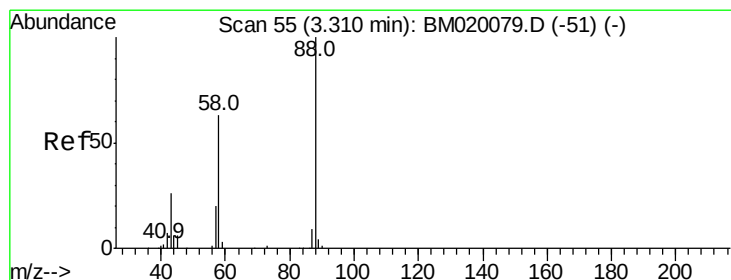
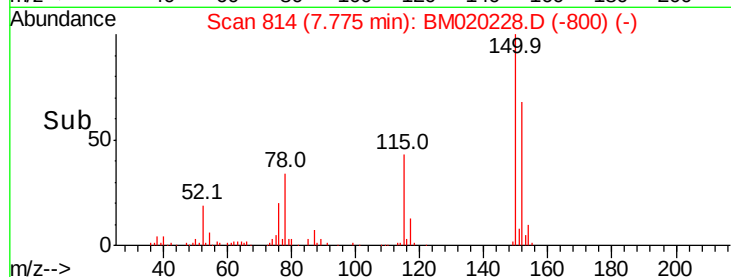
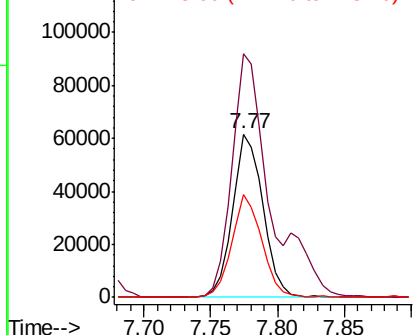
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 97650
Ion Ratio Lower Upper
152 100
150 149.4 119.8 179.8
115 63.5 50.8 76.2



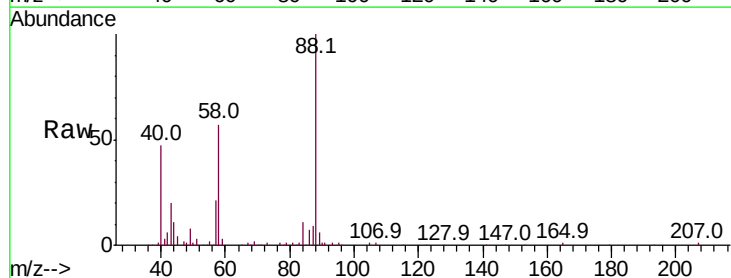
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



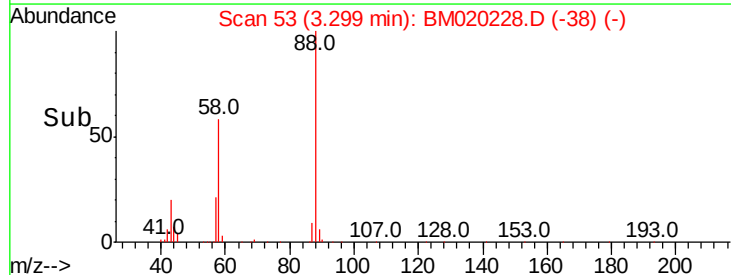
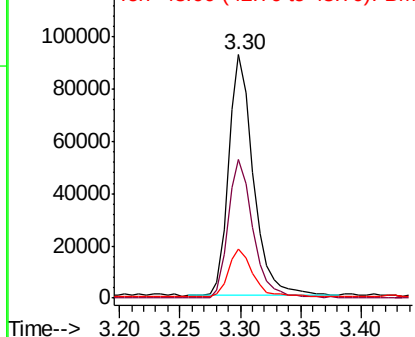
#2

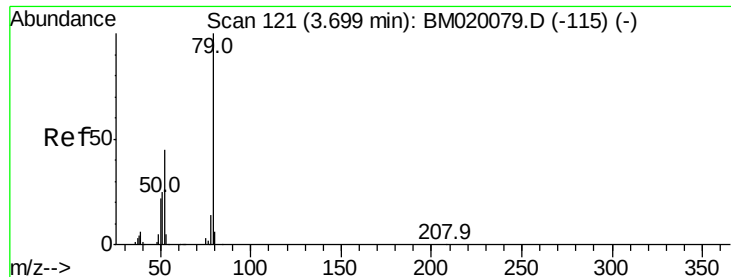
1,4-Dioxane
Concen: 45.017 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion: 88 Resp: 131896
Ion Ratio Lower Upper
88 100
58 58.6 51.8 77.6
43 20.0 20.3 30.5#



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





#3

Pvridine

Concen: 46.959 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

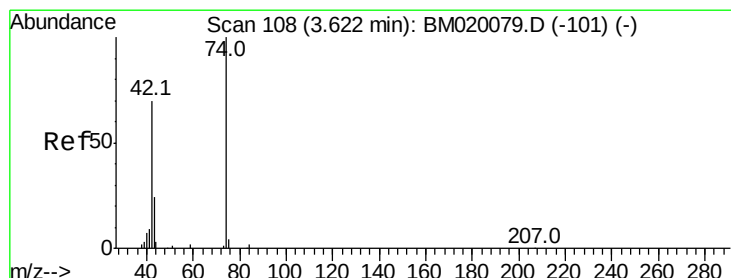
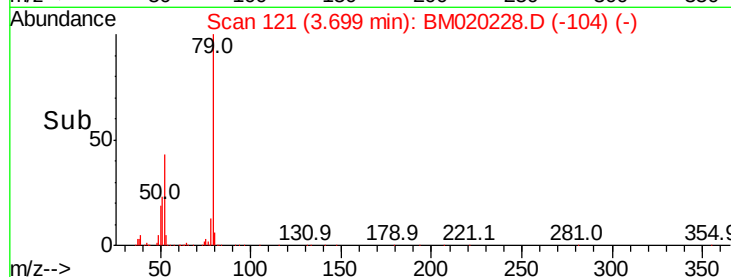
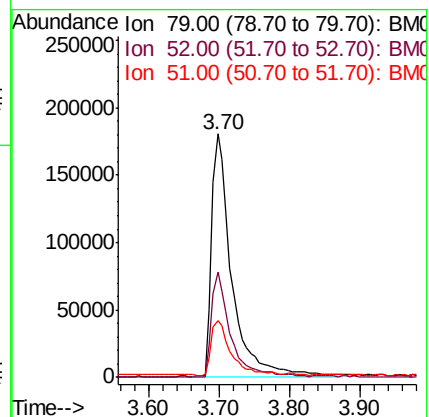
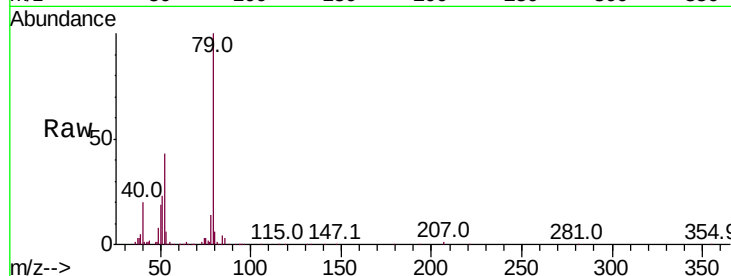
Tot Ion: 79 Resp: 351883

Ion Ratio Lower Upper

79 100

52 43.2 35.7 53.5

51 23.4 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 38.816 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

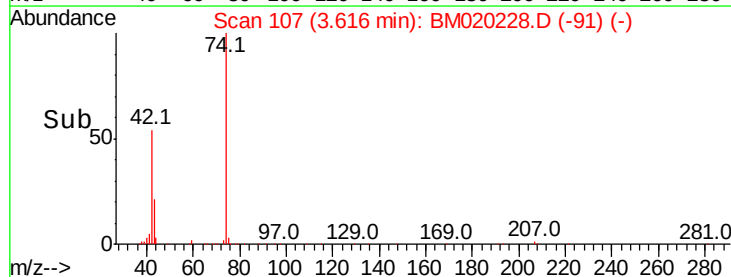
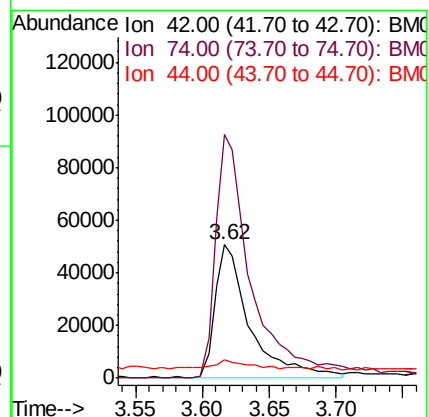
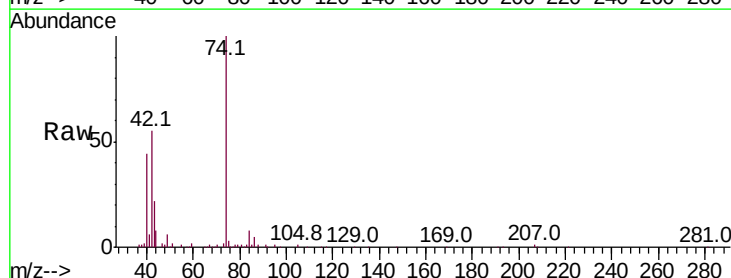
Tgt Ion: 42 Resp: 93270

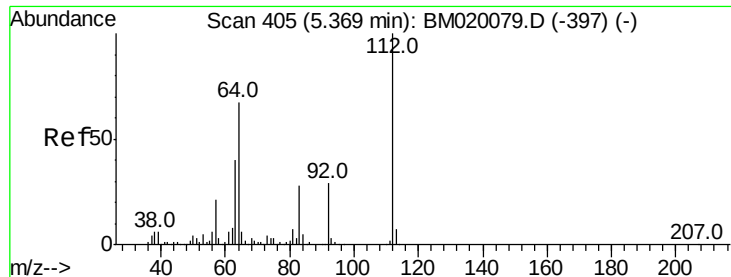
Ion Ratio Lower Upper

42 100

74 183.1 113.7 170.5#

44 14.0 3.9 5.9#





#5

2-Fluorophenol

Concen: 90.989 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

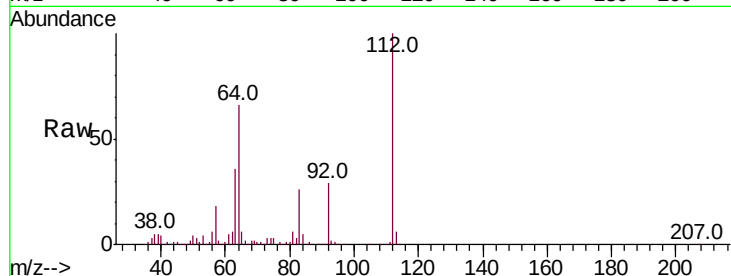
Tot Ion:112 Resp: 543563

Ion Ratio Lower Upper

112 100

64 65.7 53.8 80.6

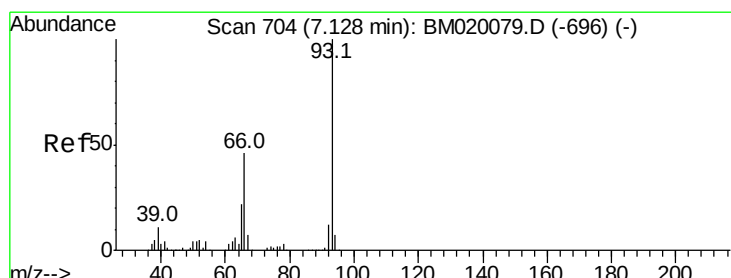
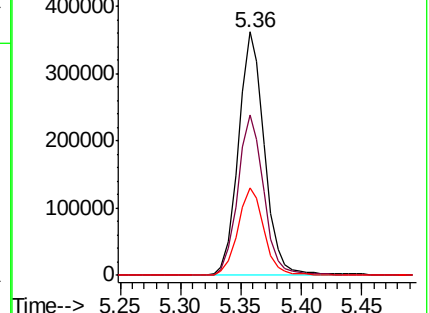
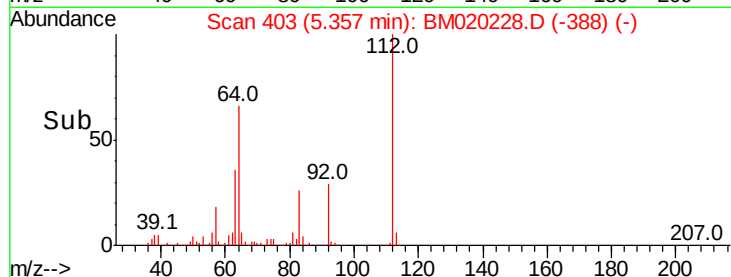
63 36.1 32.3 48.5



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: 44.359 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

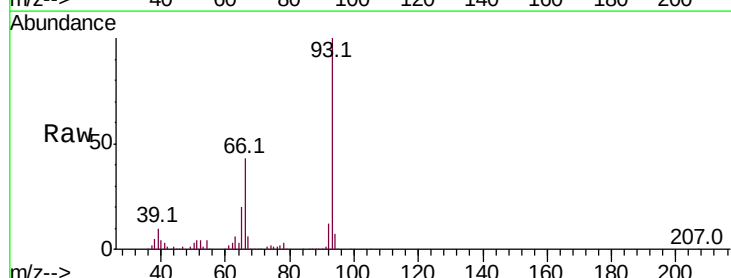
Tgt Ion: 93 Resp: 455722

Ion Ratio Lower Upper

93 100

66 43.4 36.6 54.8

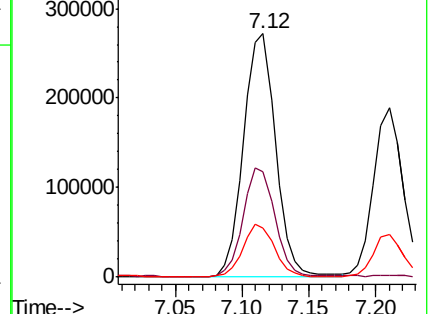
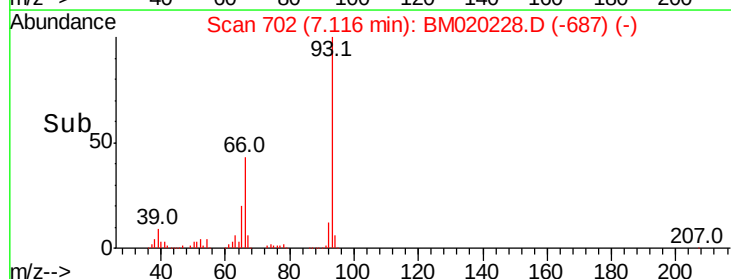
65 20.2 17.8 26.6

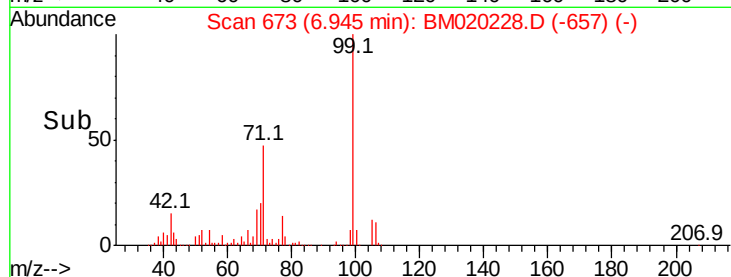
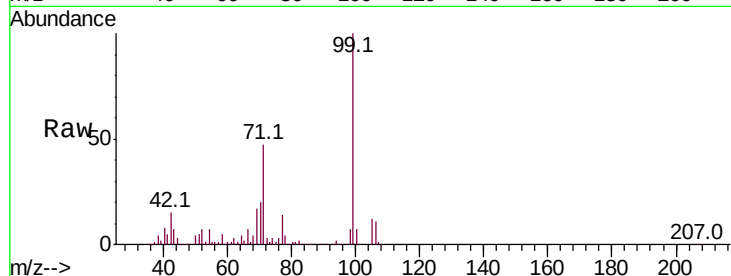
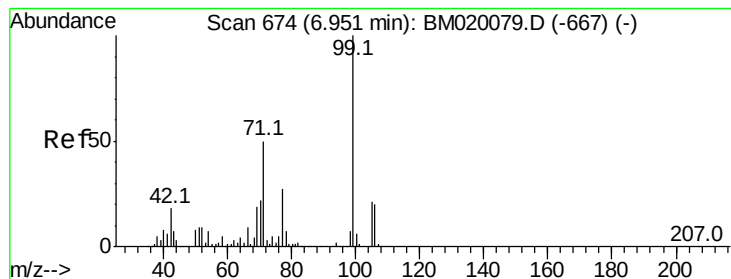


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 87.479 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

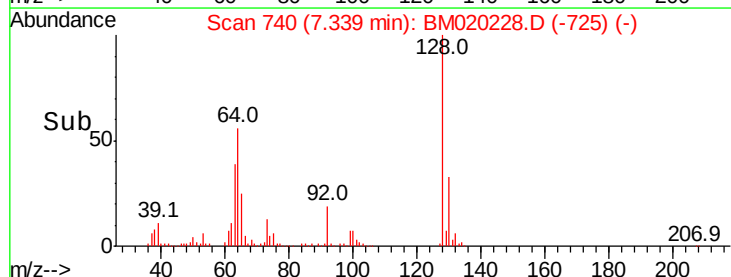
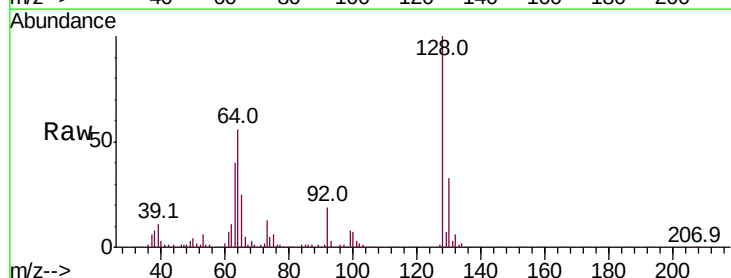
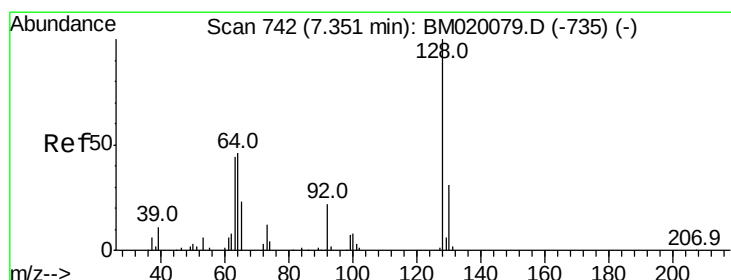
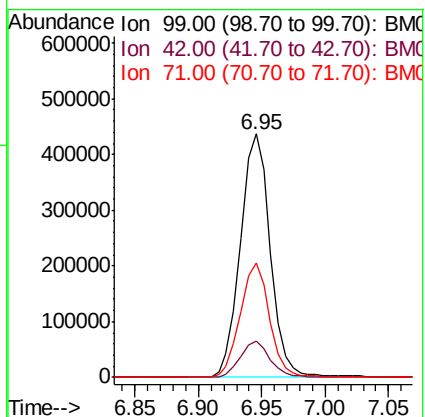
Tot Ion: 99 Resp: 713937

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

71 47.0 40.3 60.5



#8

2-Chlorophenol

Concen: 44.625 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

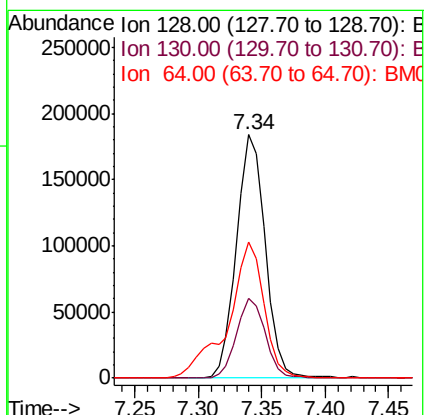
Tgt Ion: 128 Resp: 290276

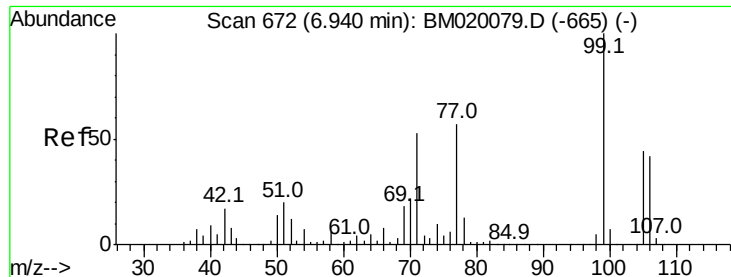
Ion Ratio Lower Upper

128 100

130 32.5 10.8 50.8

64 55.9 36.5 76.5





#9

Benzaldehyde

Concen: 40.632 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

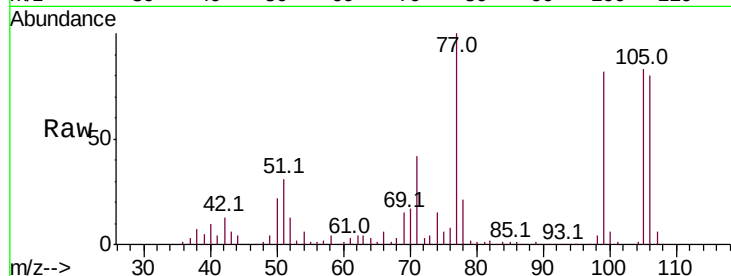
Tot Ion: 77 Resp: 250984

Ion Ratio Lower Upper

77 100

105 82.9 57.8 97.8

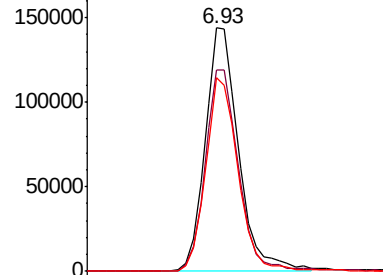
106 79.6 53.6 93.6



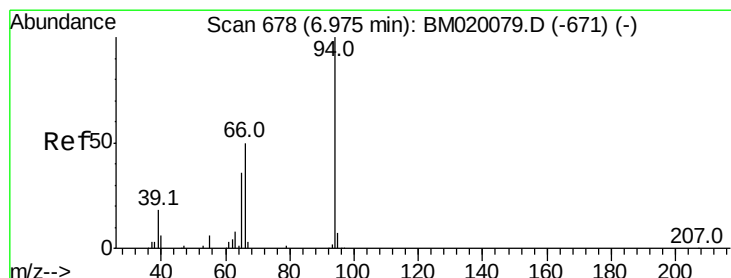
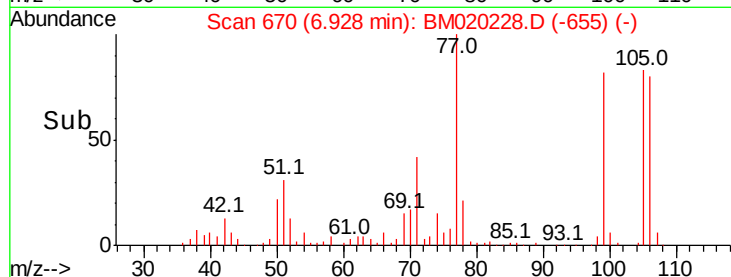
Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)



Time-->



#10

Phenol

Concen: 43.797 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

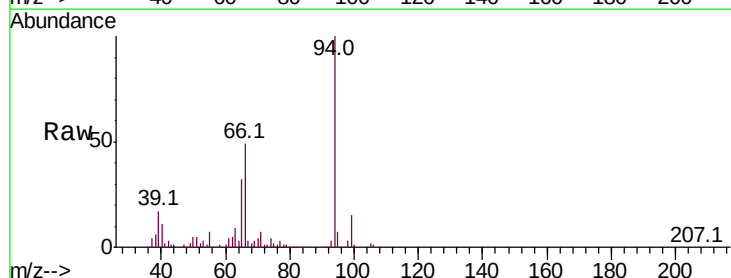
Tgt Ion: 94 Resp: 384793

Ion Ratio Lower Upper

94 100

65 32.3 17.0 57.0

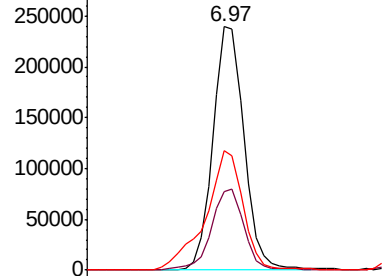
66 49.0 34.5 74.5



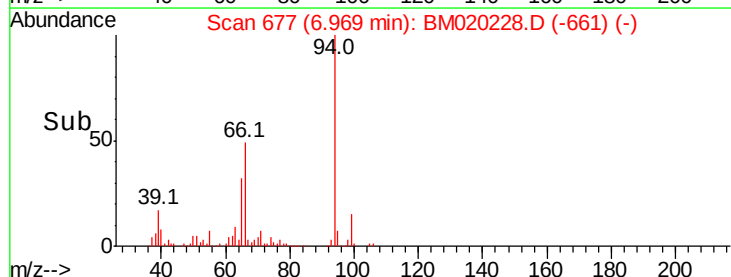
Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

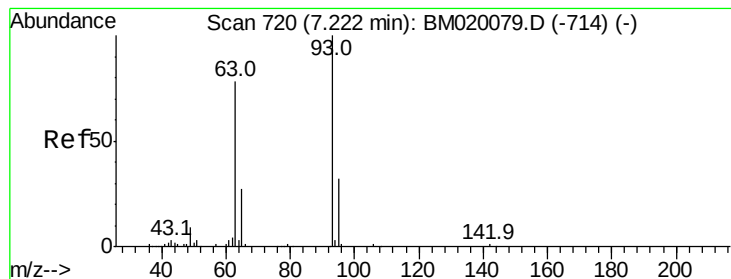
Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)



Time-->

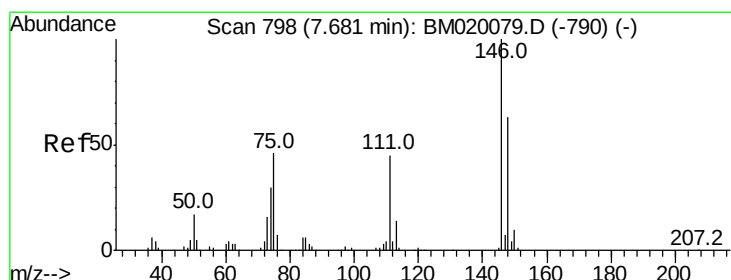
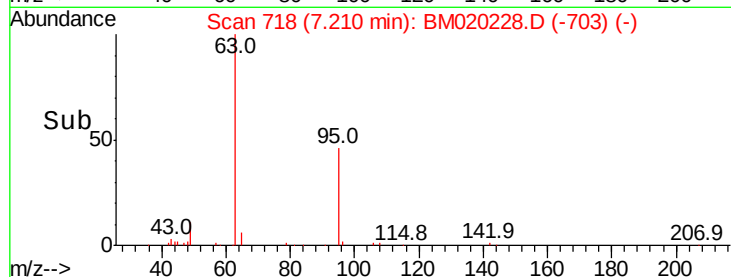
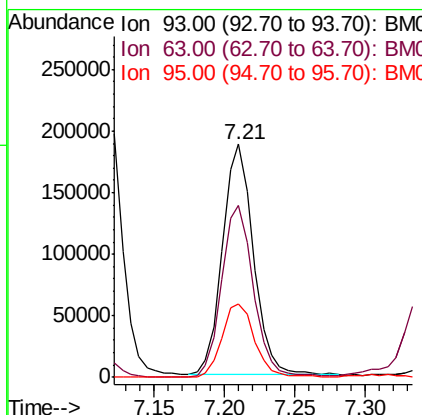
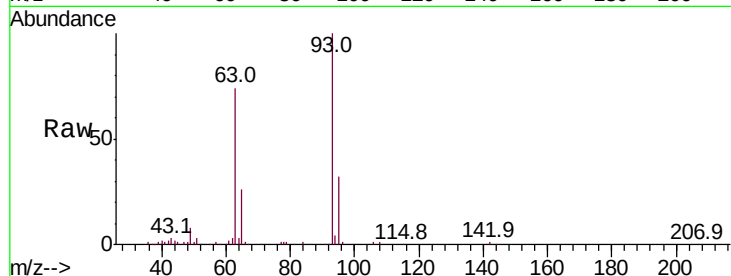




#11
bis(2-Chloroethyl)ether
Concen: 44.640 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

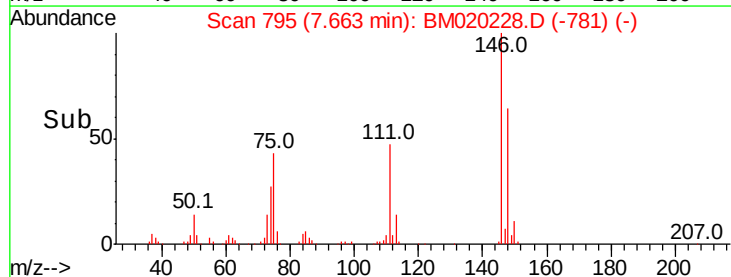
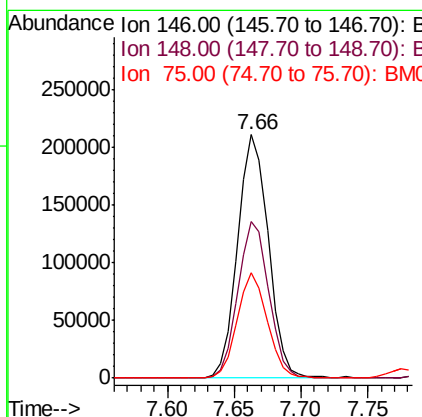
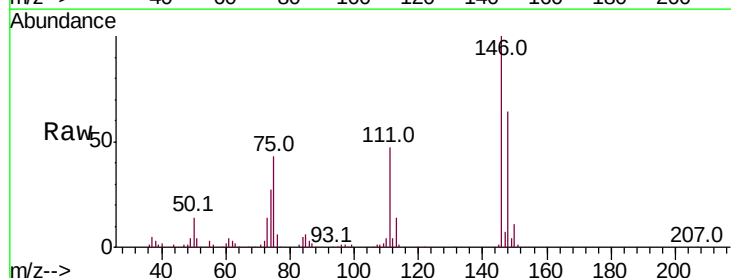
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

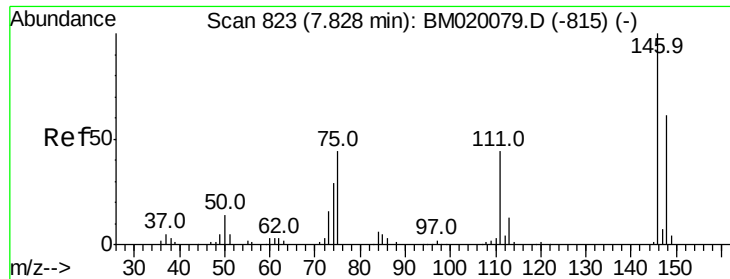
Tot Ion: 93 Resp: 285057
Ion Ratio Lower Upper
93 100
63 74.0 57.9 97.9
95 31.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 44.545 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion: 146 Resp: 337129
Ion Ratio Lower Upper
146 100
148 64.2 50.1 75.1
75 43.1 37.2 55.8

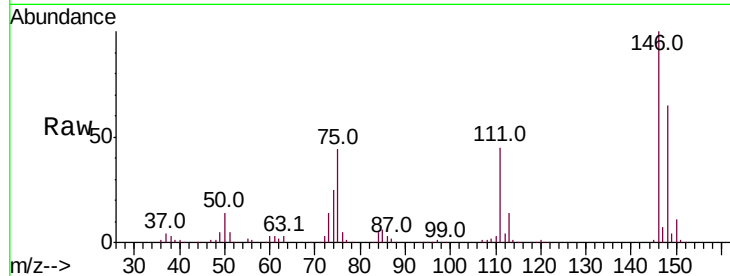




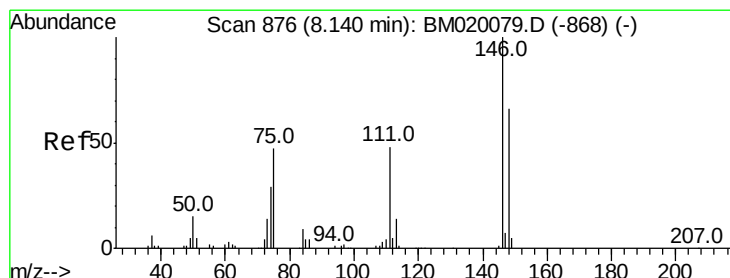
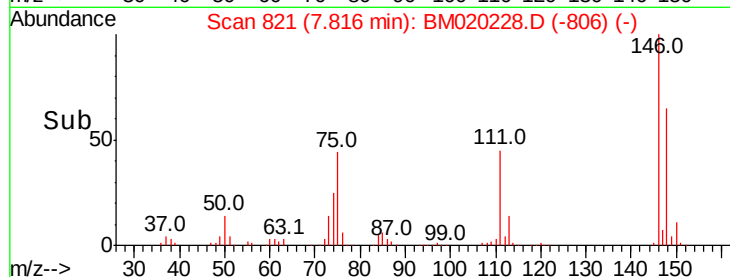
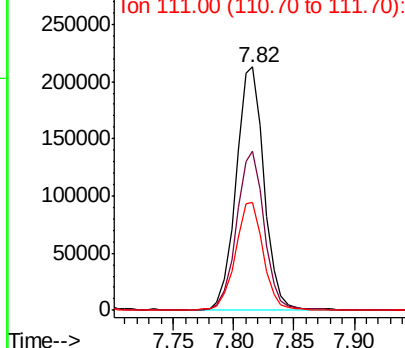
#13
 1,4-Dichlorobenzene
 Concen: 45.021 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 344202
 Ion Ratio Lower Upper
 146 100
 148 65.1 48.5 72.7
 111 44.5 35.7 53.5

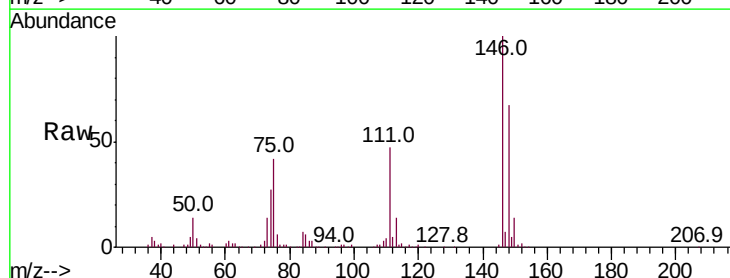


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

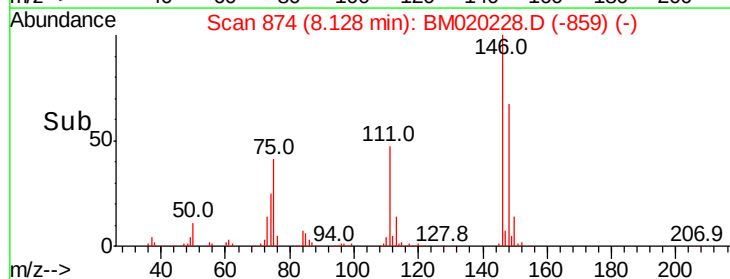
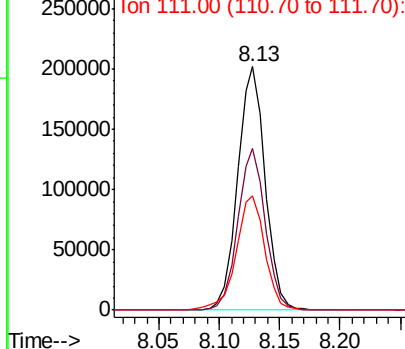


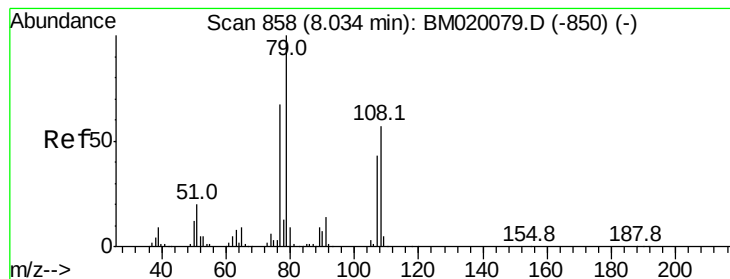
#14
 1,2-Dichlorobenzene
 Concen: 44.001 ng
 RT: 8.13 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:146 Resp: 320501
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.6 79.0
 111 46.8 39.0 58.4



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





#15

Benzyl Alcohol

Concen: 39.539 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

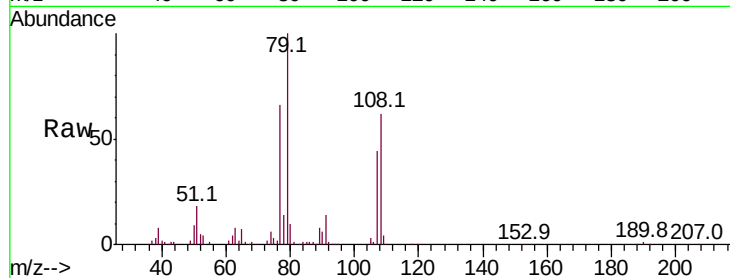
Tot Ion: 79 Resp: 311159

Ion Ratio Lower Upper

79 100

108 61.6 46.0 69.0

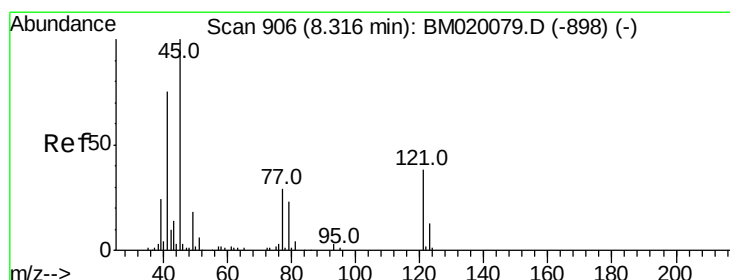
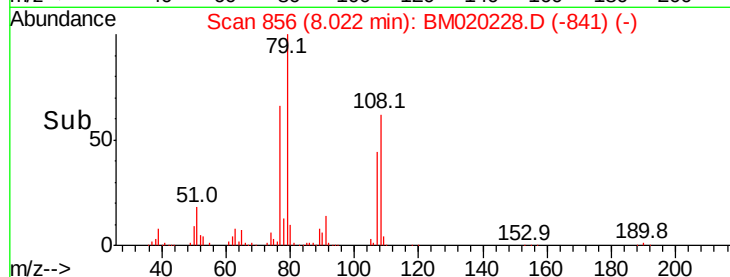
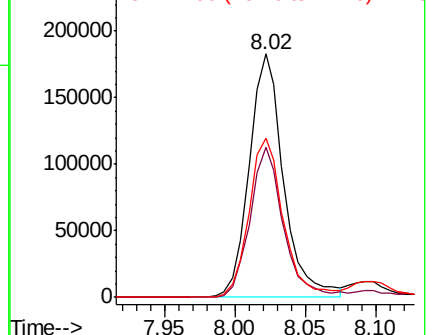
77 65.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.324 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

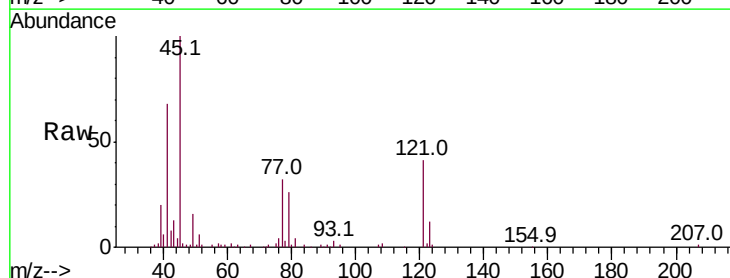
Tgt Ion: 45 Resp: 213518

Ion Ratio Lower Upper

45 100

77 32.2 10.5 50.5

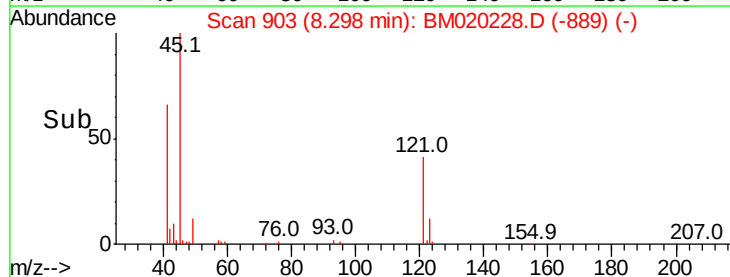
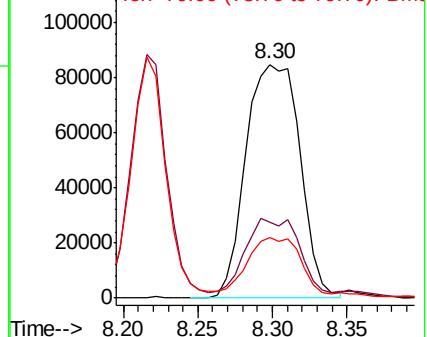
79 25.9 3.3 43.3

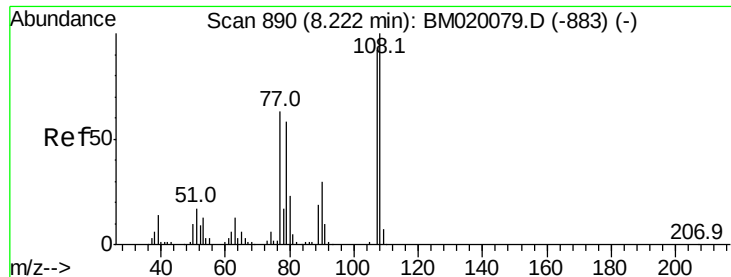


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

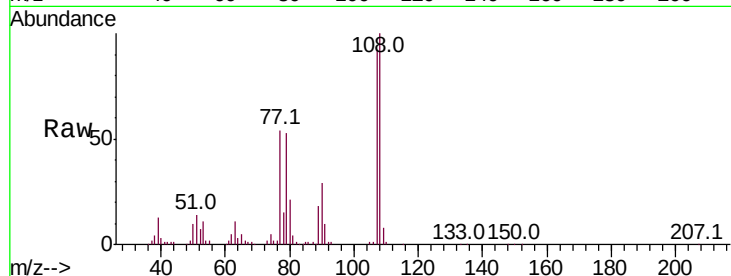




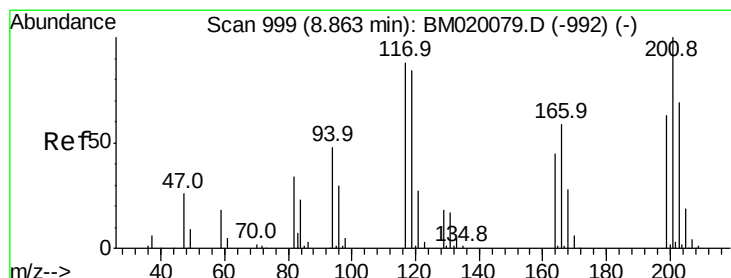
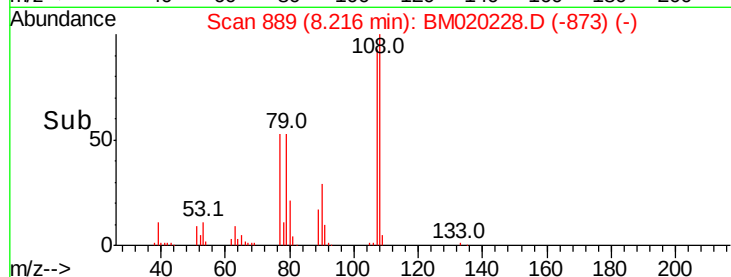
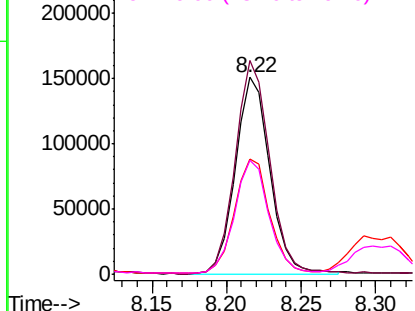
#17
2-Methylphenol
Concen: 43.230 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	244499
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.0	130.4
77	58.5	54.7	82.1
79	58.0	50.1	75.1

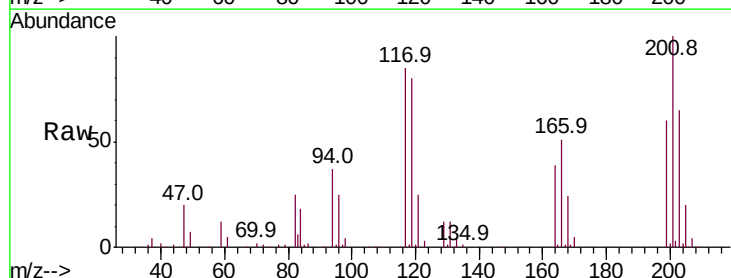


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
200000 Ion 77.00 (76.70 to 77.70): BM
150000 Ion 79.00 (78.70 to 79.70): BM

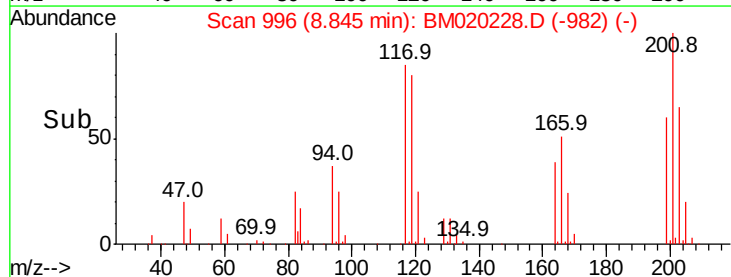
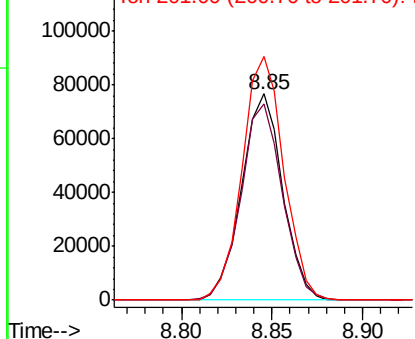


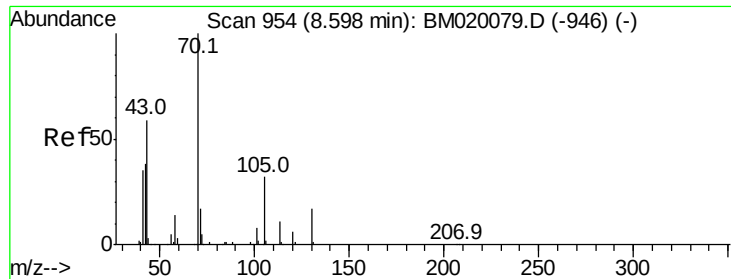
#18
Hexachloroethane
Concen: 37.857 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:	117	Resp:	120683
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	118.0	90.7	136.1



Abundance Ion 117.00 (116.70 to 117.70): E
120000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E

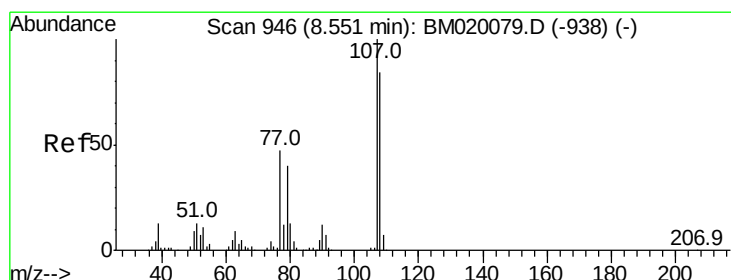
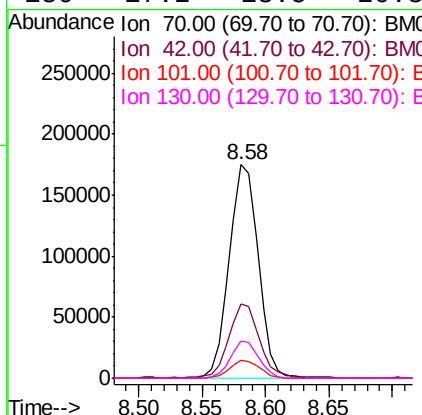
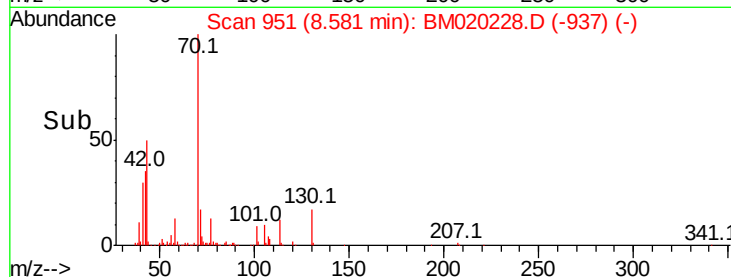
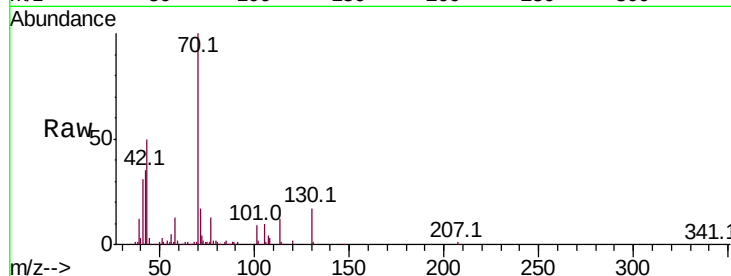




#19
n-Nitroso-di-n-propylamine
Concen: 39.833 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

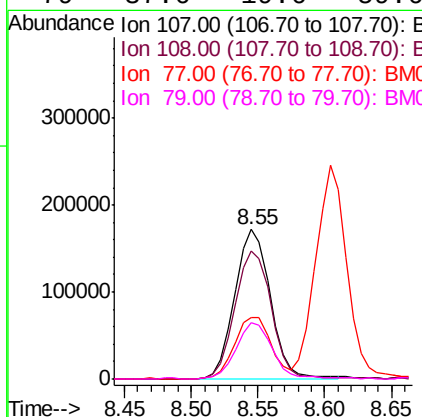
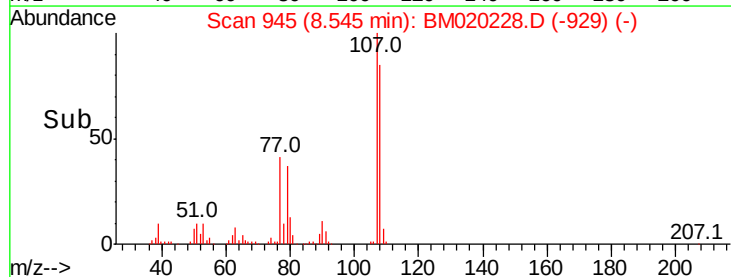
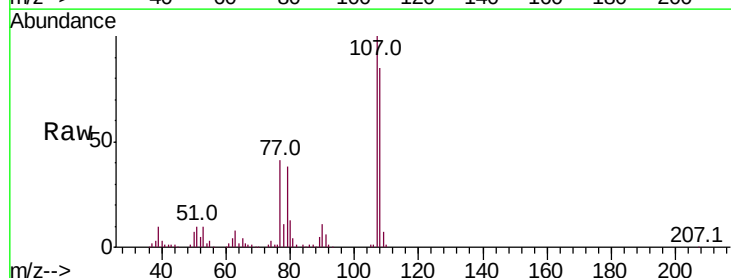
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

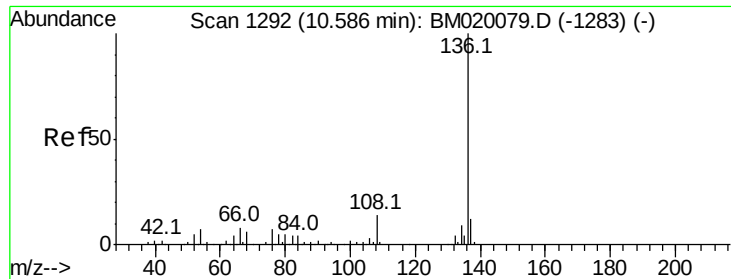
Tot Ion: 70 Resp: 278133
Ion Ratio Lower Upper
70 100
42 35.0 31.0 46.4
101 8.6 6.2 9.2
130 17.2 13.5 20.3



#20
3+4-Methylphenols
Concen: 42.673 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion: 107 Resp: 320767
Ion Ratio Lower Upper
107 100
108 85.3 64.4 104.4
77 40.8 27.2 67.2
79 37.6 19.6 59.6

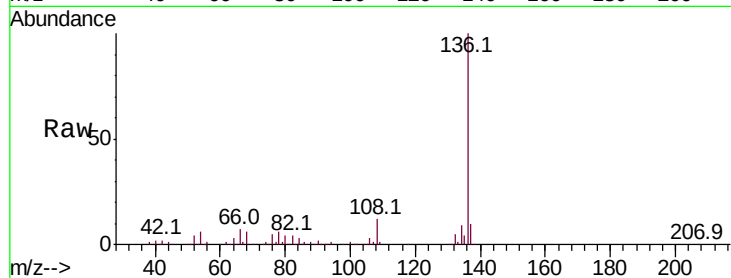




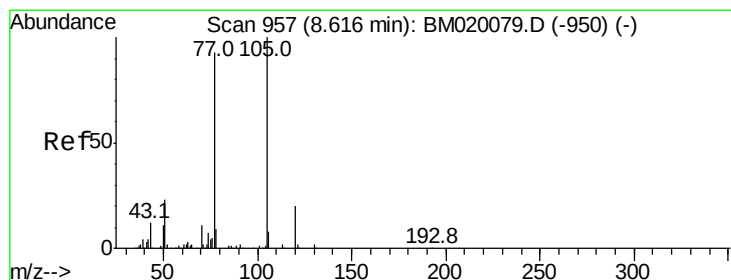
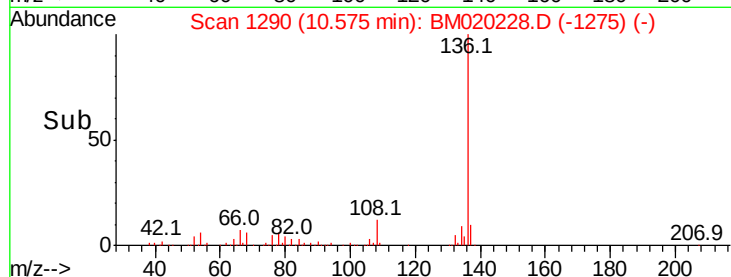
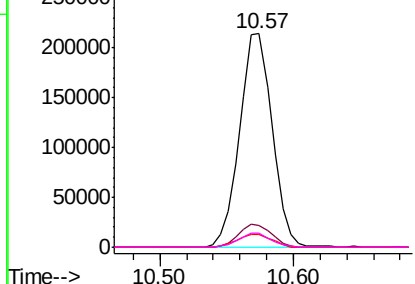
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	362306
Ion Ratio	Lower	Upper
136 100		
137 10.1	9.6	14.4
54 6.3	5.5	8.3
68 6.3	4.6	6.8

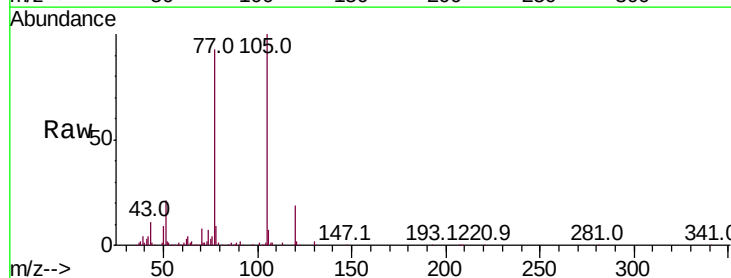


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

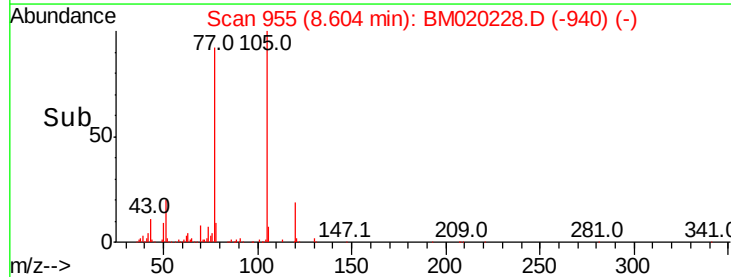
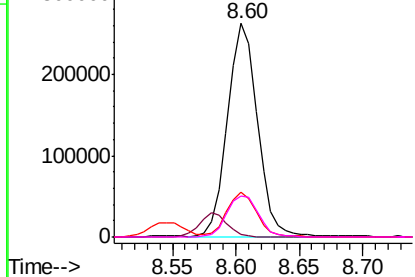


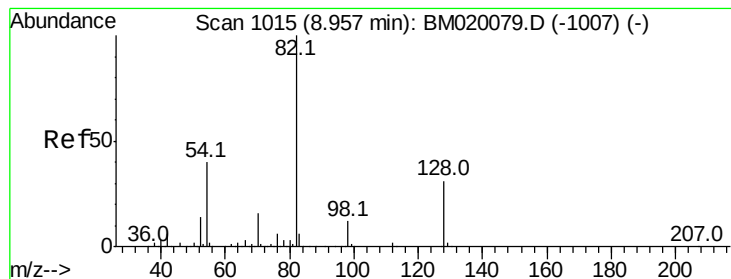
#22
Acetophenone
Concen: 43.237 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt	Ion:105	Resp:	428125
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.2	3.2#
51	20.9	19.3	28.9
120	19.4	16.2	24.4



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





#23

Nitrobenzene-d5

Concen: 87.072 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

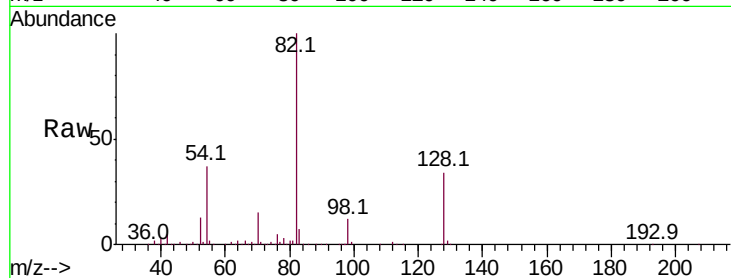
Tot Ion: 82 Resp: 799051

Ion Ratio Lower Upper

82 100

128 34.1 25.2 37.8

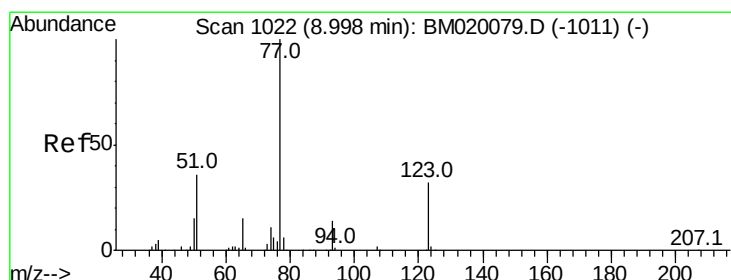
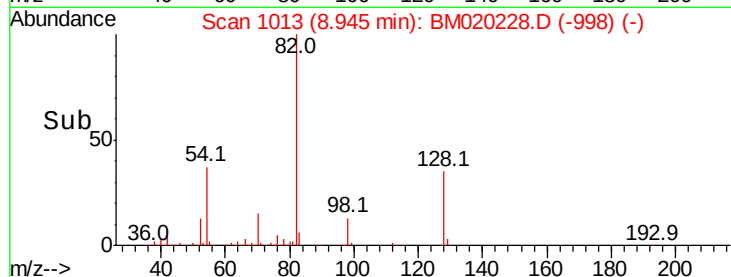
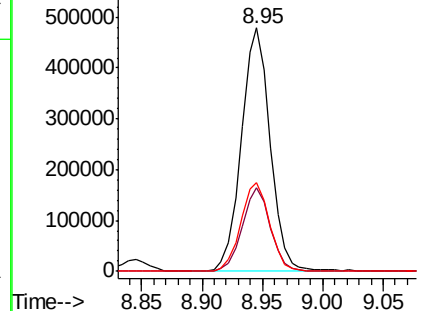
54 36.6 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#24

Nitrobenzene

Concen: 42.659 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

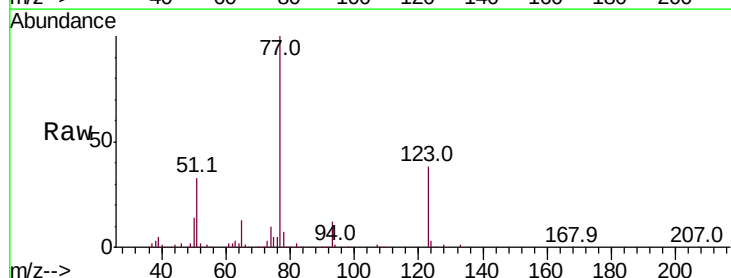
Tgt Ion: 77 Resp: 405900

Ion Ratio Lower Upper

77 100

123 37.8 25.5 38.3

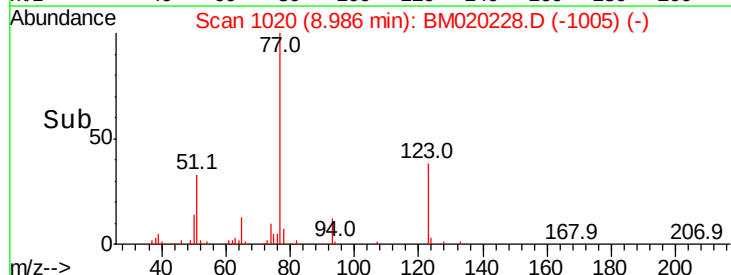
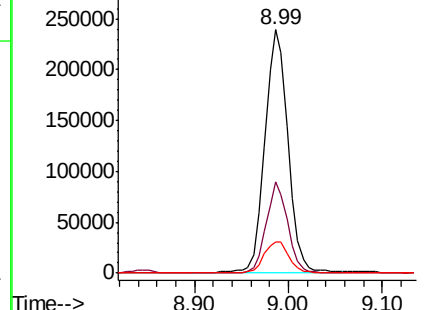
65 13.0 11.8 17.6

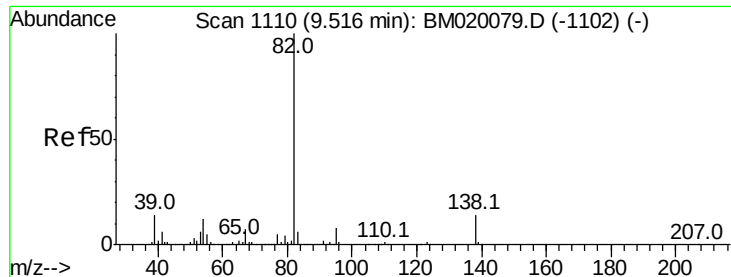


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)





#25

Isophorone

Concen: 43.138 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

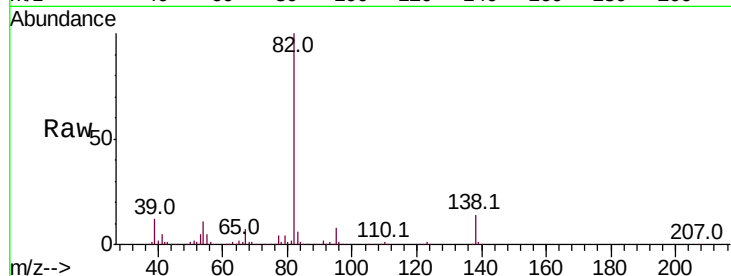
Tot Ion: 82 Resp: 682671

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

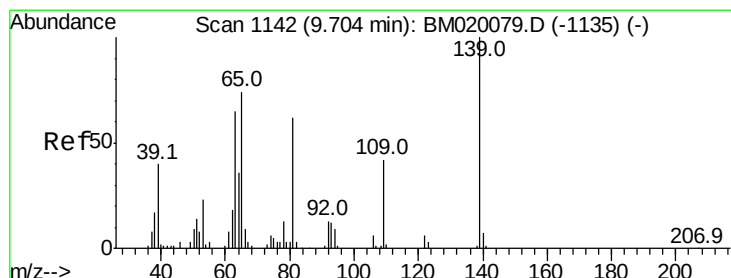
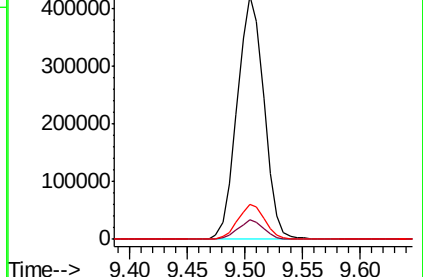
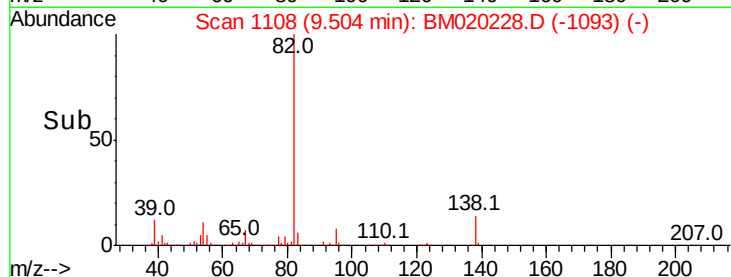
138 14.2 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)



#26

2-Nitrophenol

Concen: 53.032 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

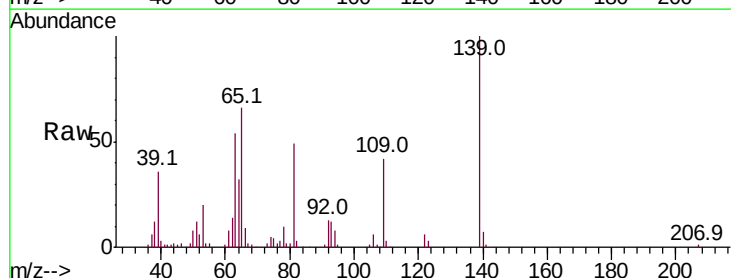
Tgt Ion: 139 Resp: 152338

Ion Ratio Lower Upper

139 100

109 41.7 33.7 50.5

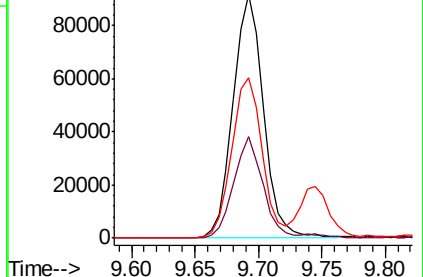
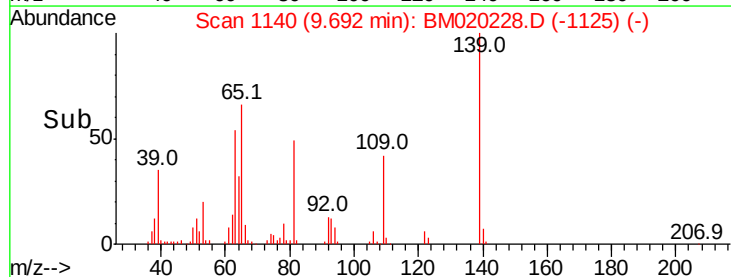
65 66.0 59.5 89.3

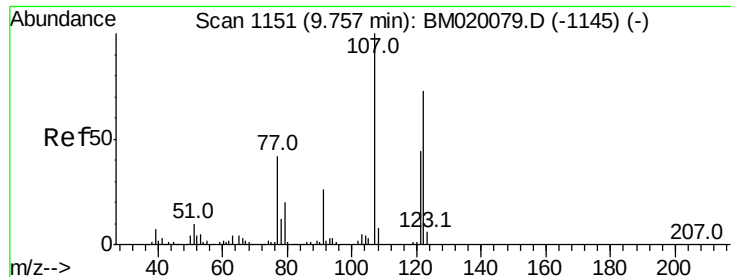


Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)

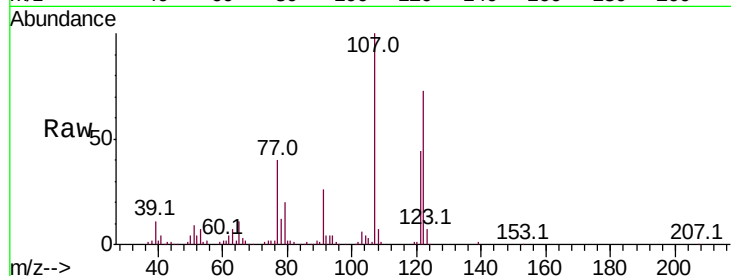




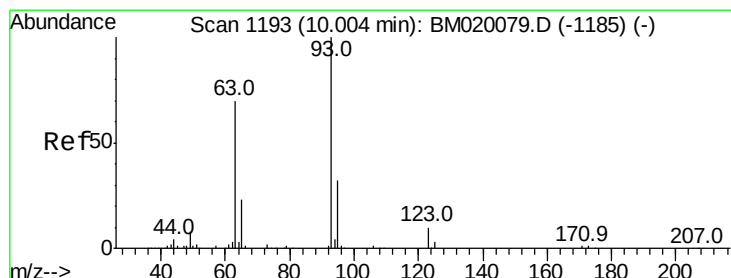
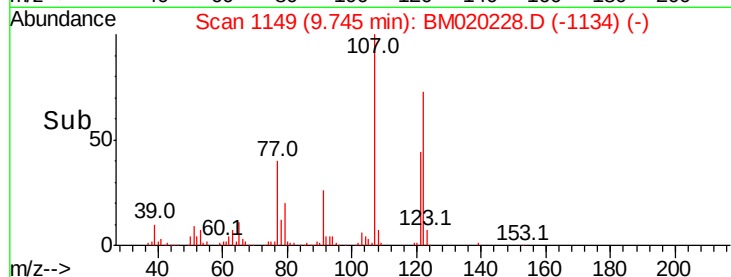
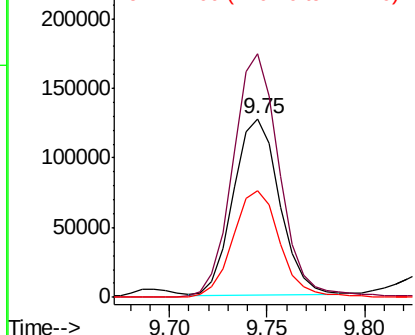
#27
 2,4-Dimethylphenol
 Concen: 43.539 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 208220
 Ion Ratio Lower Upper
 122 100
 107 136.4 108.6 162.8
 121 59.7 47.4 71.2

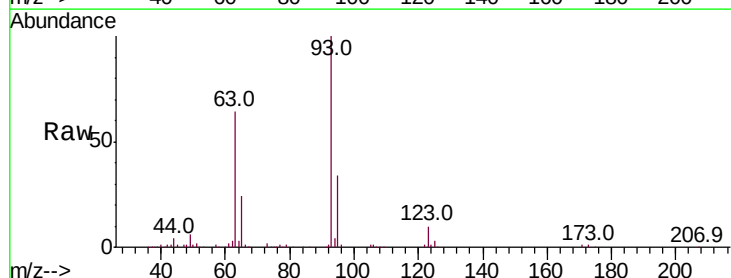


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

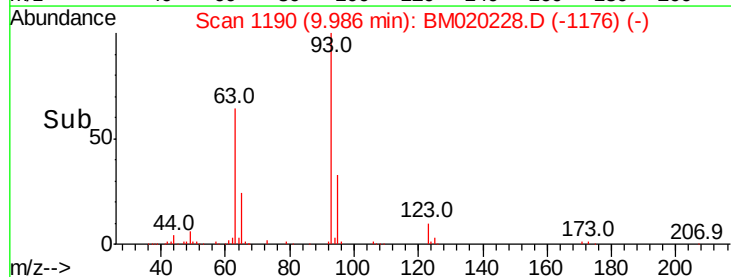
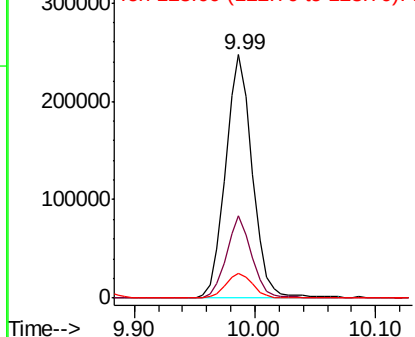


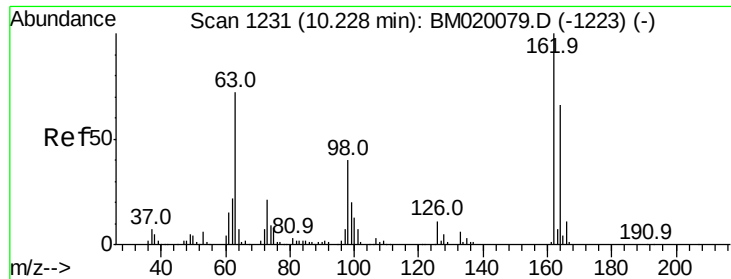
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.279 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion: 93 Resp: 381647
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.5 38.3
 123 10.2 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

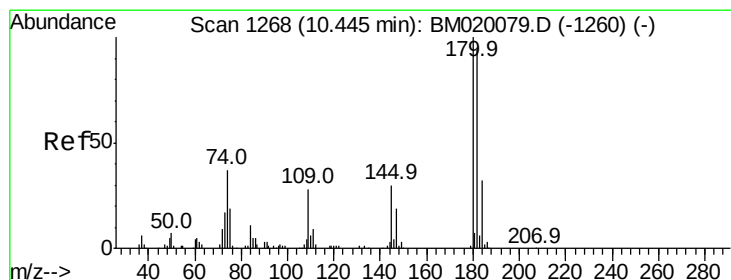
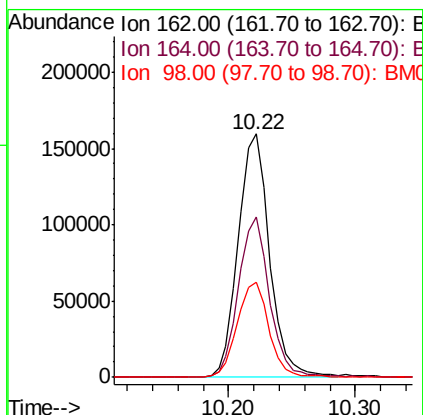
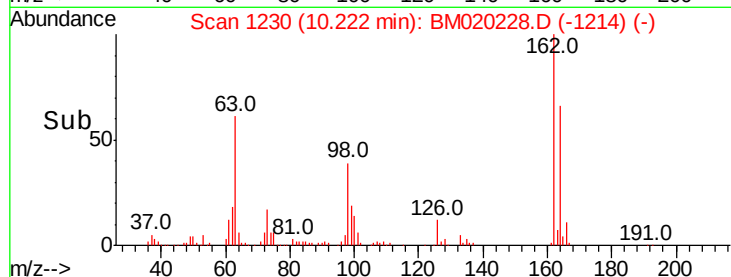
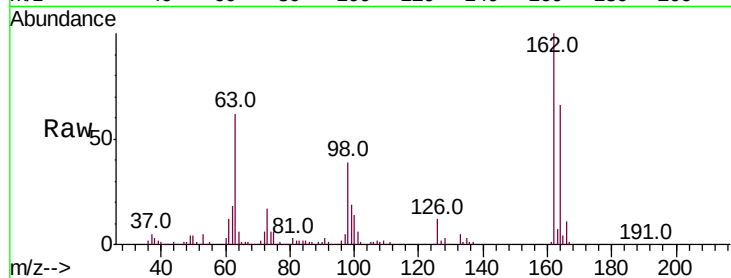




#29
2,4-Dichlorophenol
Concen: 45.540 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

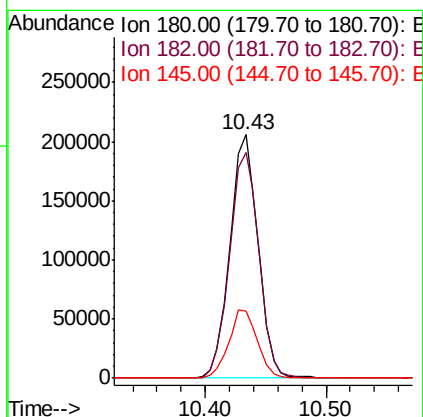
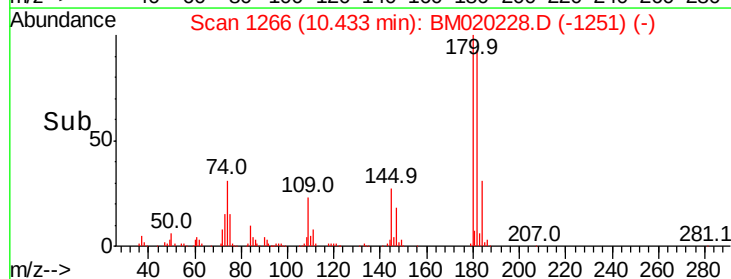
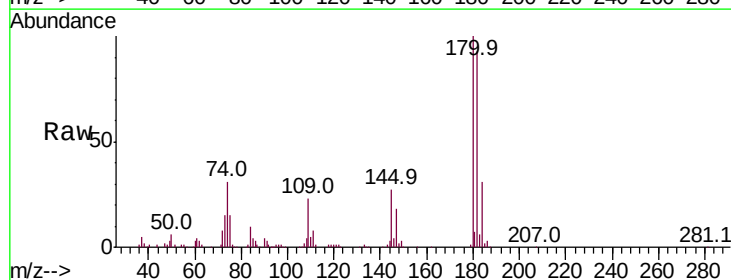
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

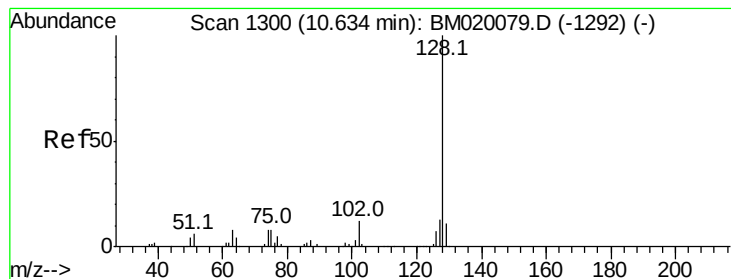
Tot Ion:162 Resp: 274624
Ion Ratio Lower Upper
162 100
164 66.0 45.6 85.6
98 38.9 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 45.127 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:180 Resp: 334853
Ion Ratio Lower Upper
180 100
182 92.7 75.4 113.0
145 27.5 23.8 35.8

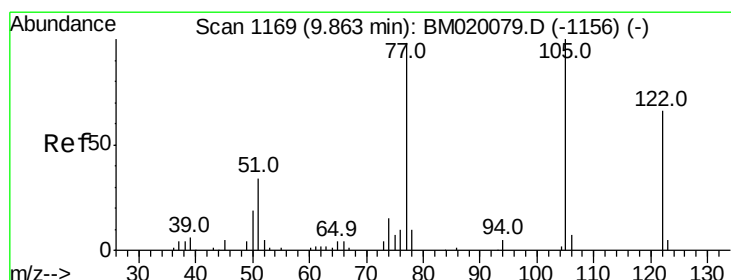
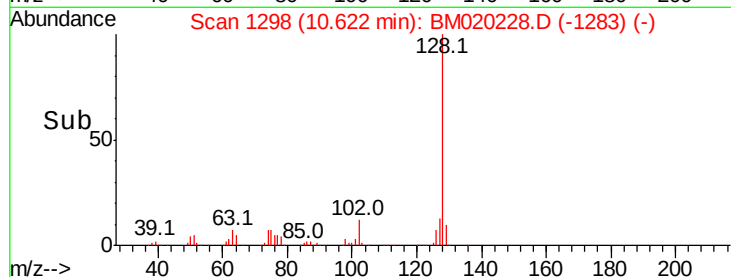
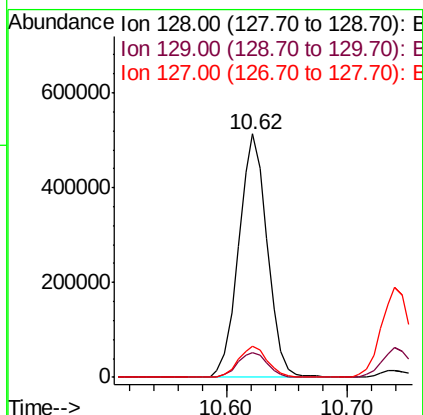
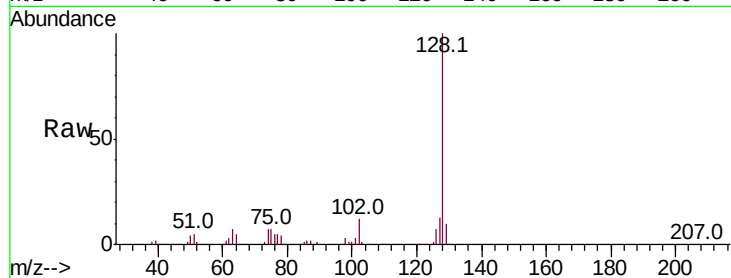




#31
Naphthalene
Concen: 44.958 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

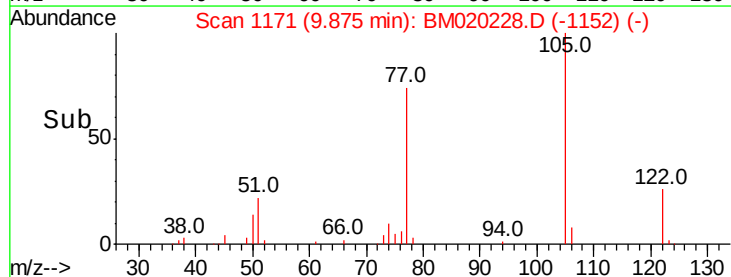
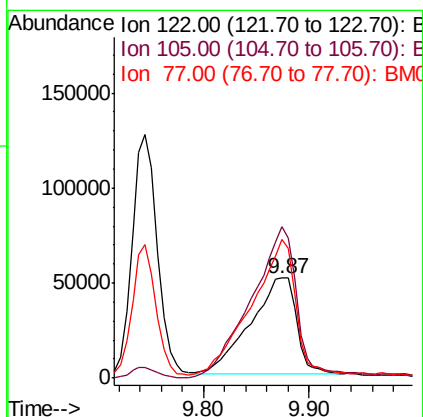
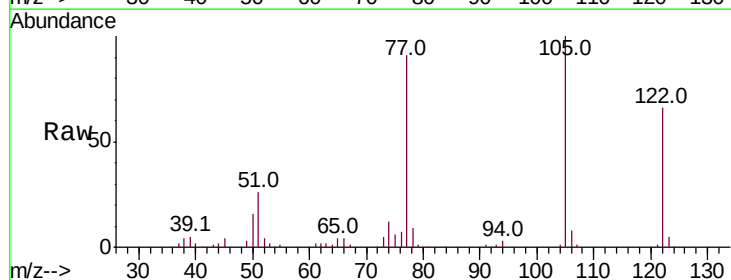
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

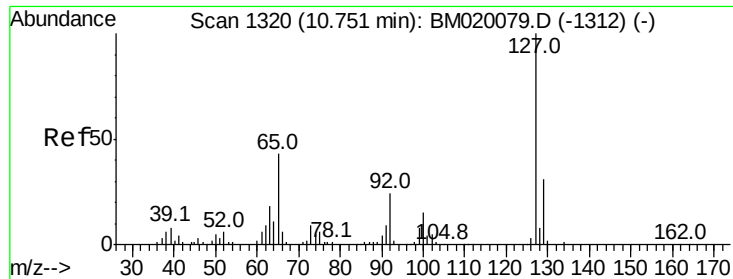
Tot Ion:128 Resp: 845270
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 45.444 ng
RT: 9.87 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:122 Resp: 153243
Ion Ratio Lower Upper
122 100
105 151.6 122.5 162.5
77 138.7 123.3 163.3

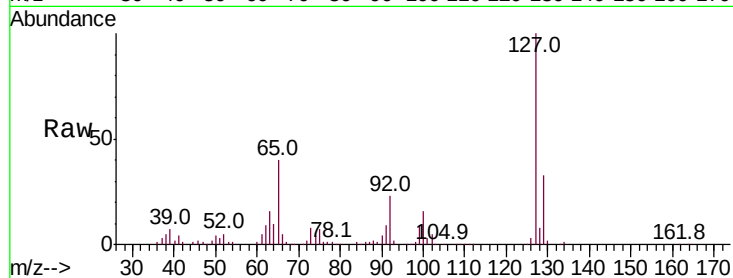




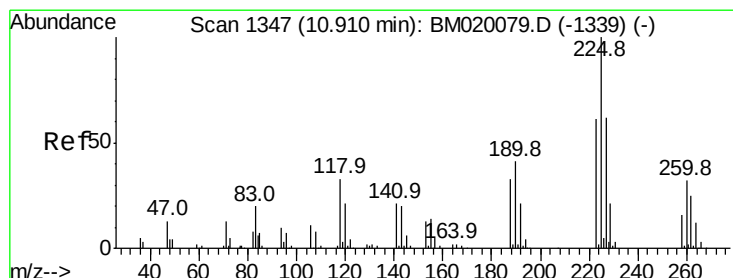
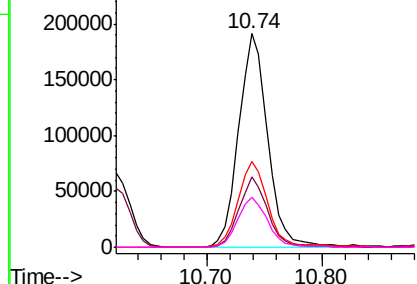
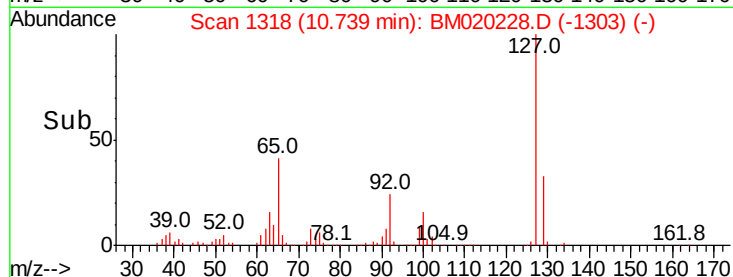
#33
4-Chloroaniline
Concen: 43.161 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	333998
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.7	37.1
65	40.1	34.6	52.0
92	23.2	19.5	29.3

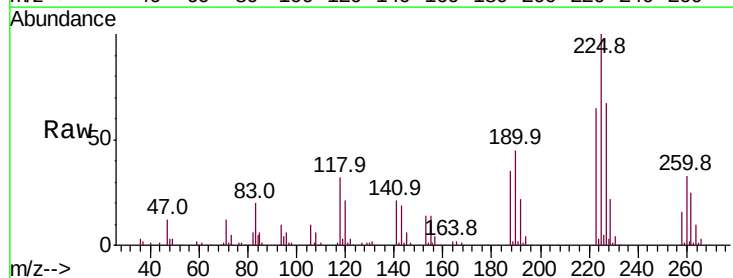


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

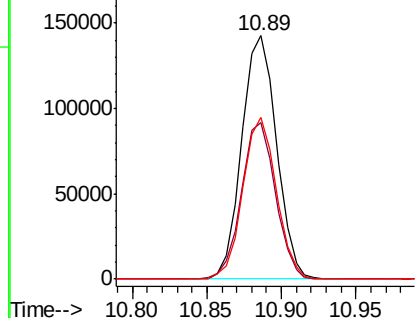
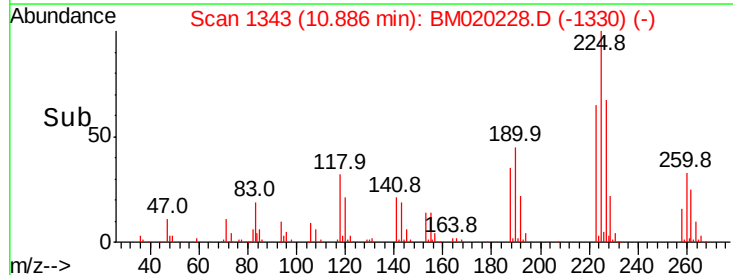


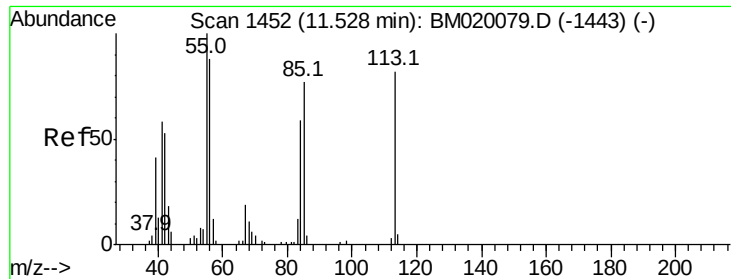
#34
Hexachlorobutadiene
Concen: 43.920 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:	225	Resp:	230539
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.9	73.3
227	66.5	49.6	74.4



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





#35

Caprolactam

Concen: 45.927 ng/mL

RT: 11.54 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

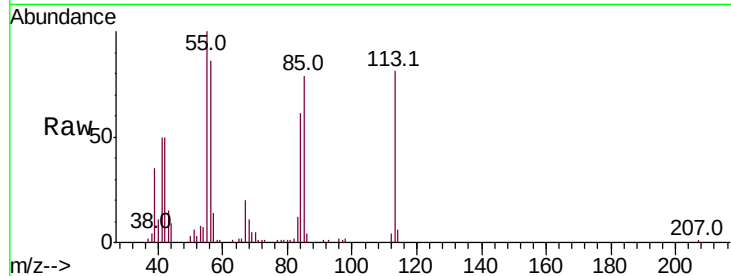
Tot Ion:113 Resp: 82815

Ion Ratio Lower Upper

113 100

55 123.2 102.5 142.5

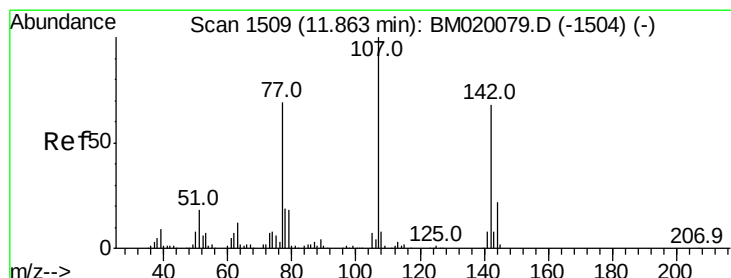
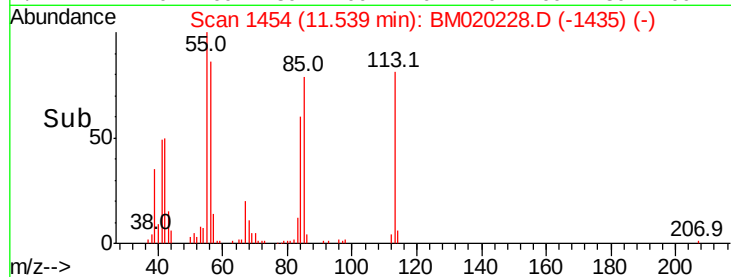
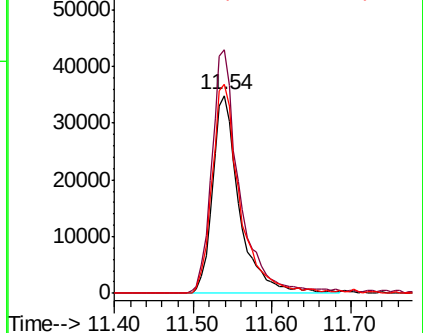
56 105.5 87.7 127.7



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: 42.277 ng/mL

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

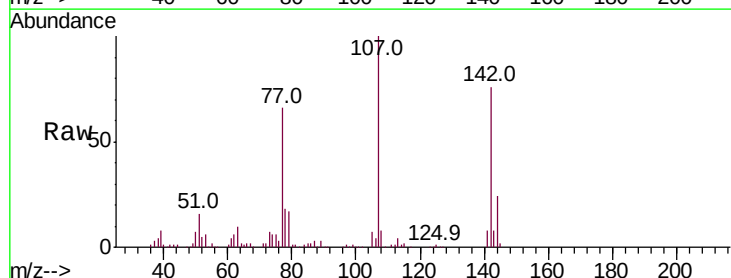
Tgt Ion:107 Resp: 299600

Ion Ratio Lower Upper

107 100

144 24.0 17.6 26.4

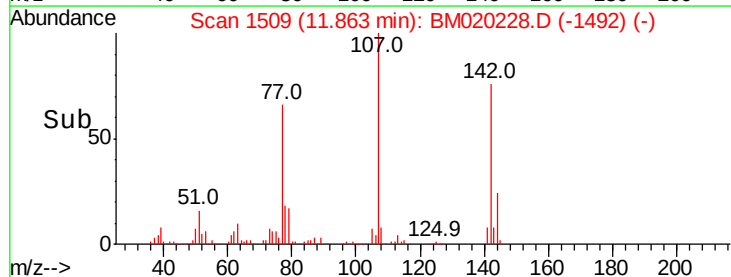
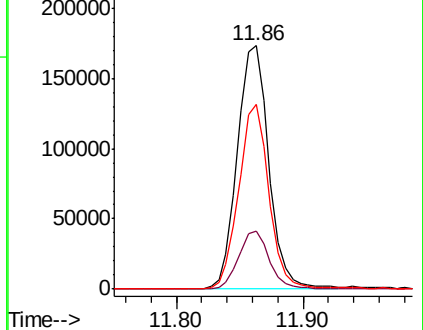
142 75.9 54.6 82.0

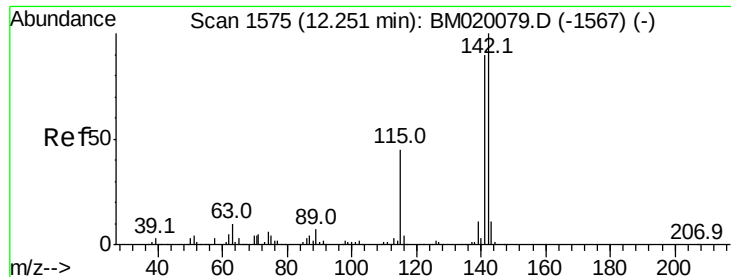


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

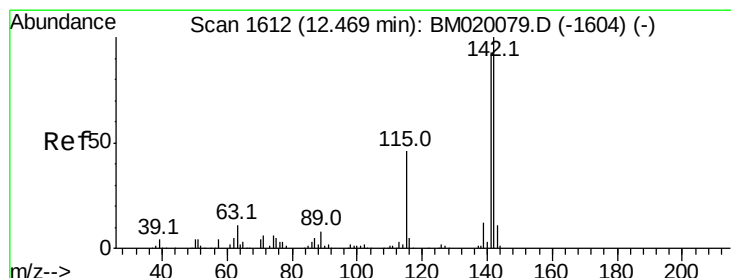
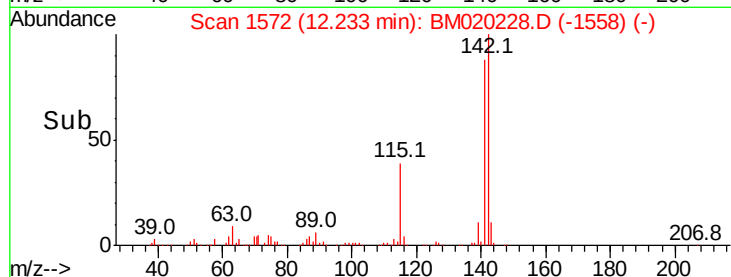
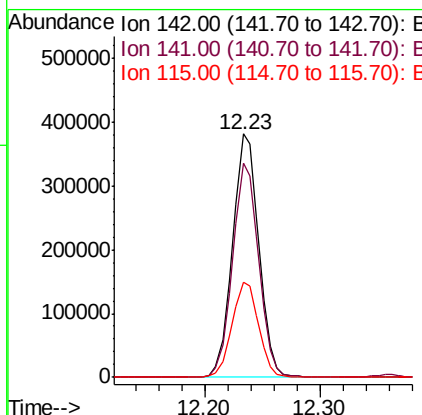
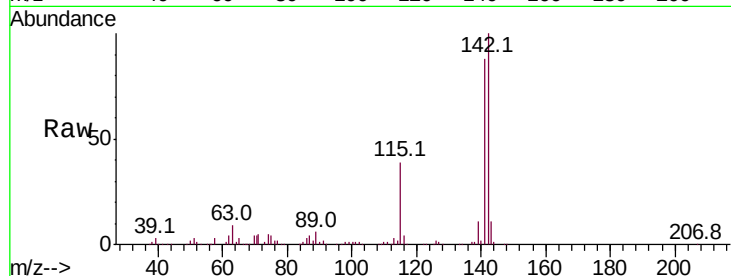




#37
2-Methylnaphthalene
Concen: 43.860 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

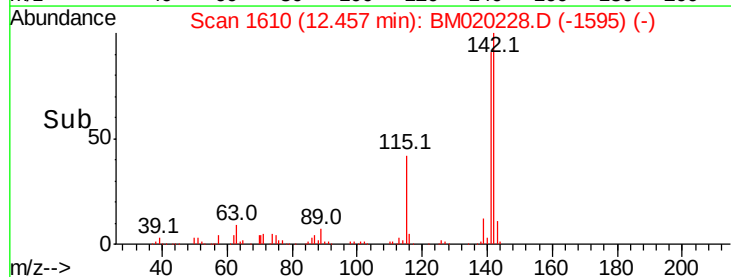
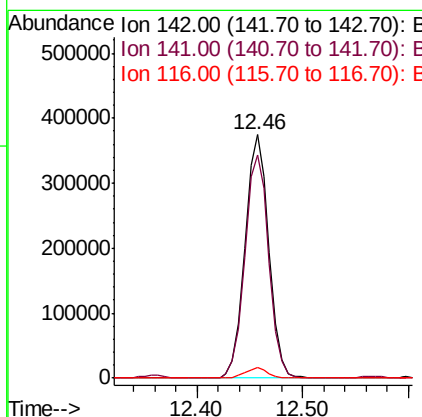
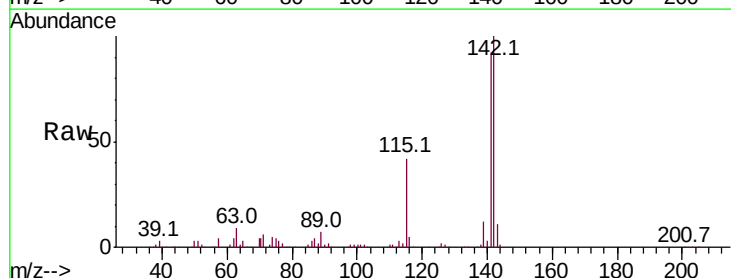
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

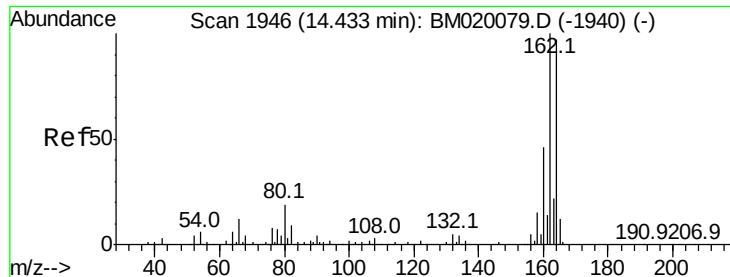
Tot Ion:142 Resp: 601180
Ion Ratio Lower Upper
142 100
141 88.0 71.6 107.4
115 39.0 35.8 53.6



#38
1-Methylnaphthalene
Concen: 43.541 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:142 Resp: 583594
Ion Ratio Lower Upper
142 100
141 91.7 74.8 112.2
116 4.5 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

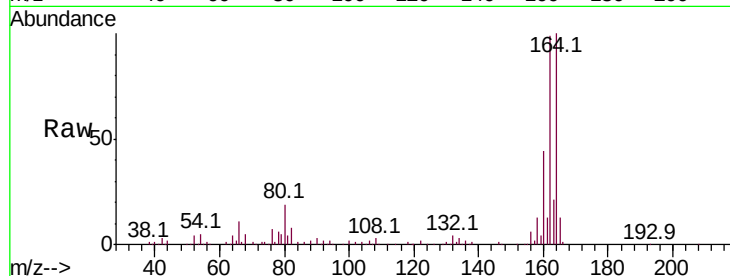
Tot Ion:164 Resp: 214452

Ion Ratio Lower Upper

164 100

162 99.4 82.2 123.2

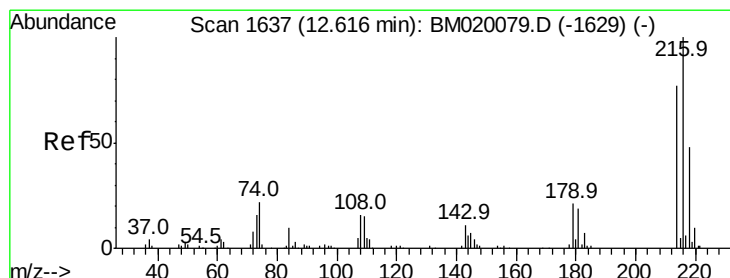
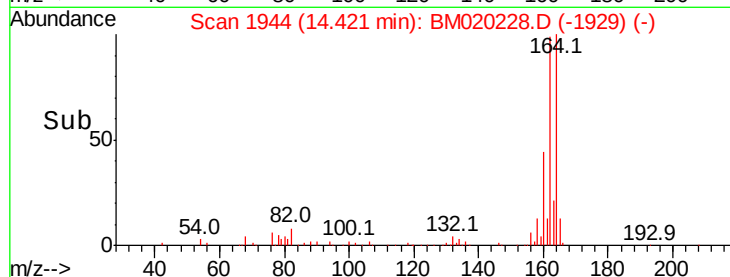
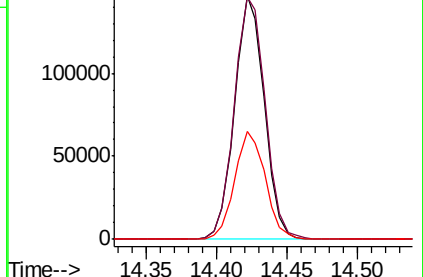
160 44.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.162 ng

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion:216 Resp: 378914

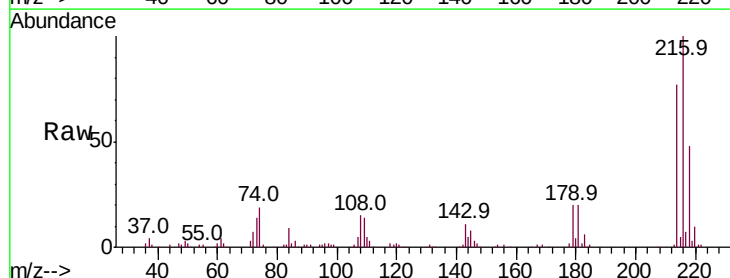
Ion Ratio Lower Upper

216 100

214 76.7 62.6 94.0

179 20.9 17.1 25.7

108 15.7 15.8 23.6#

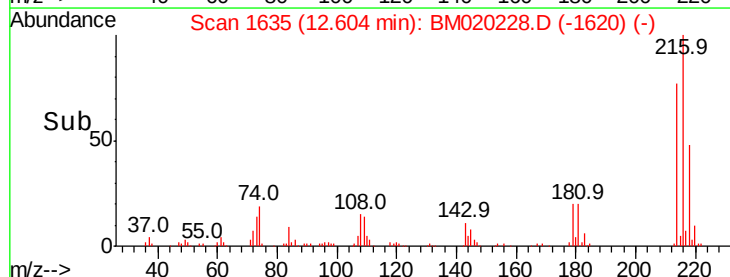
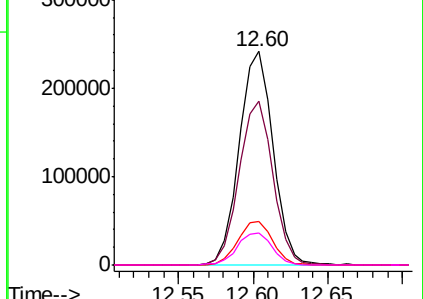


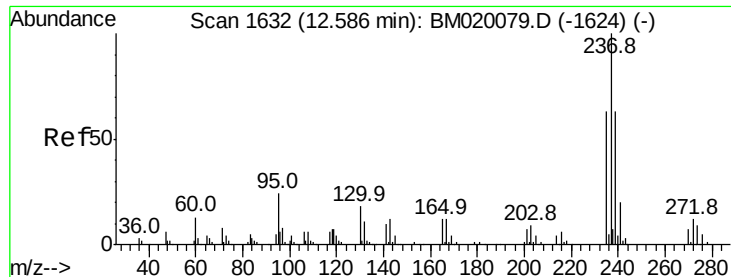
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.154 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

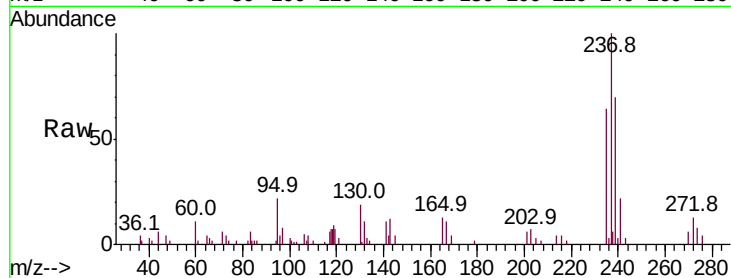
Tot Ion:237 Resp: 35343

Ion Ratio Lower Upper

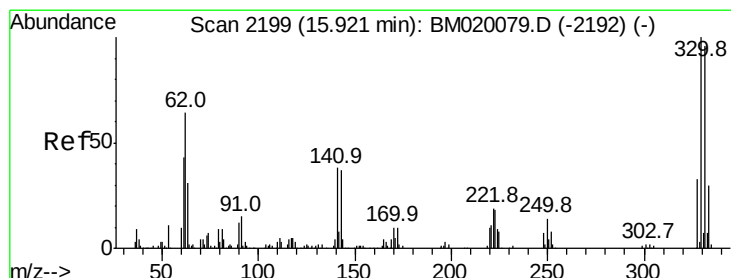
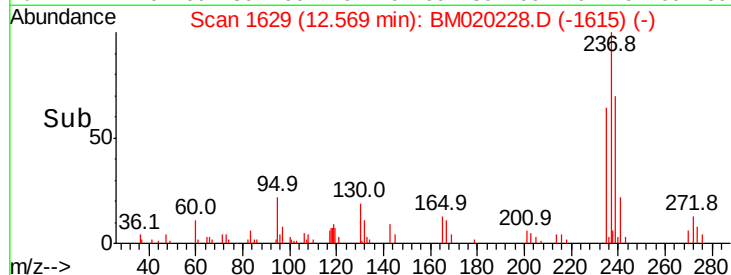
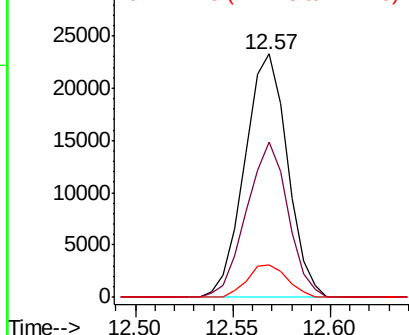
237 100

235 64.0 43.4 83.4

272 13.4 0.0 31.7



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: 92.314 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

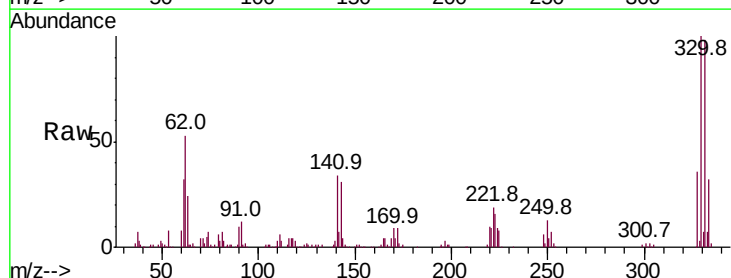
Tgt Ion:330 Resp: 307287

Ion Ratio Lower Upper

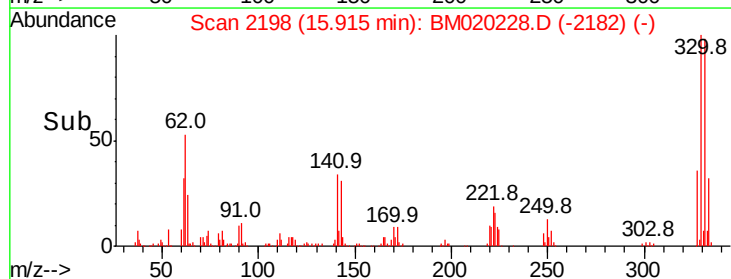
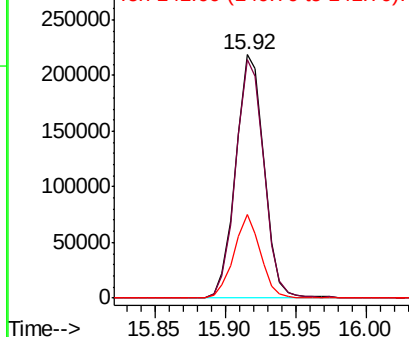
330 100

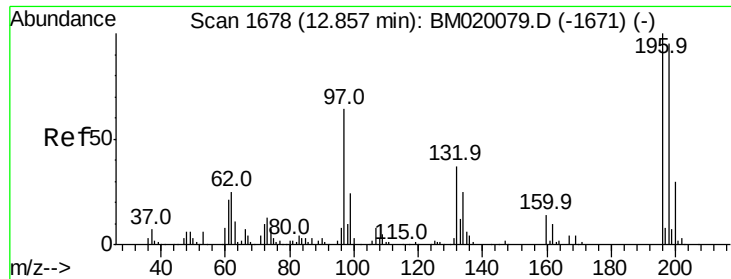
332 97.6 76.8 115.2

141 32.1 29.2 43.8



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

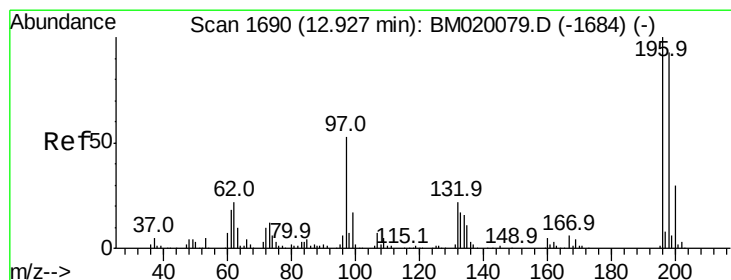
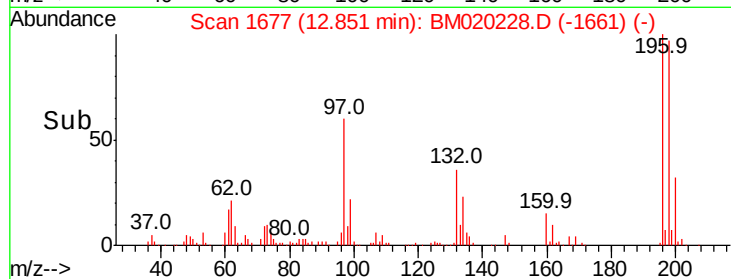
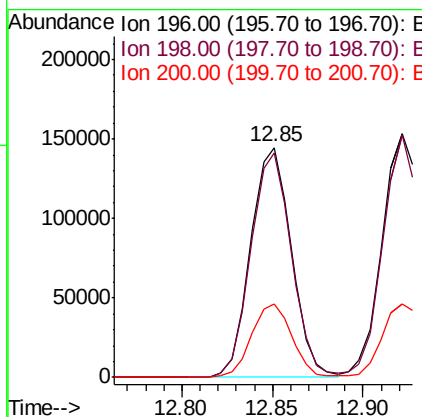
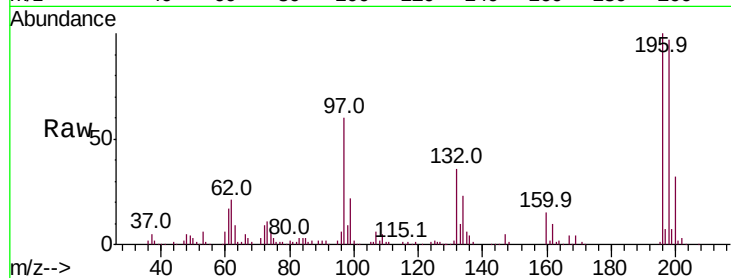




#43
 2,4,6-Trichlorophenol
 Concen: 47.473 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

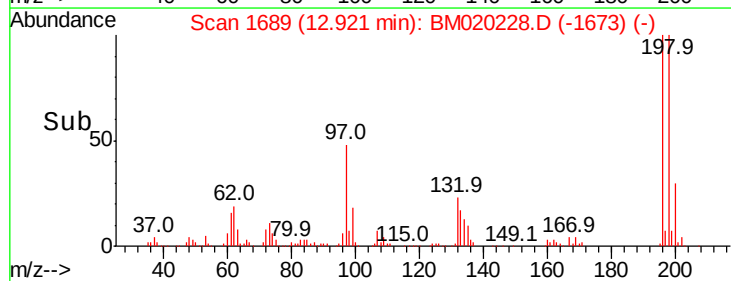
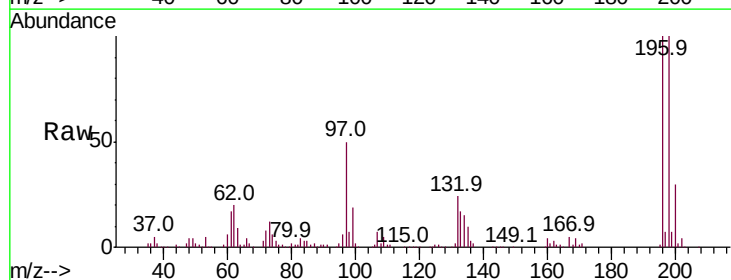
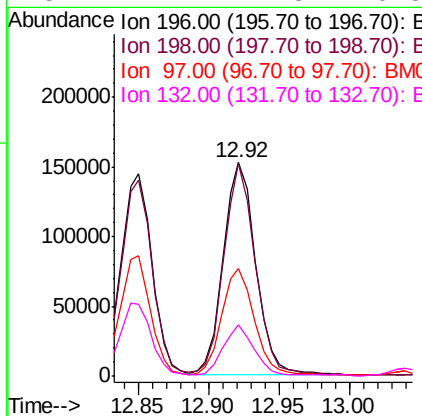
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

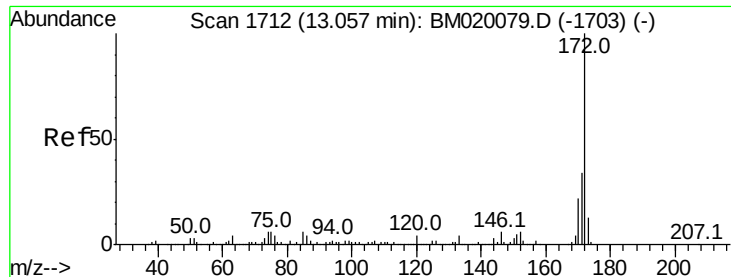
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.2	114.2
200	31.7	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.453 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.7	112.1
97	50.5	42.2	63.4
132	24.2	17.8	26.8



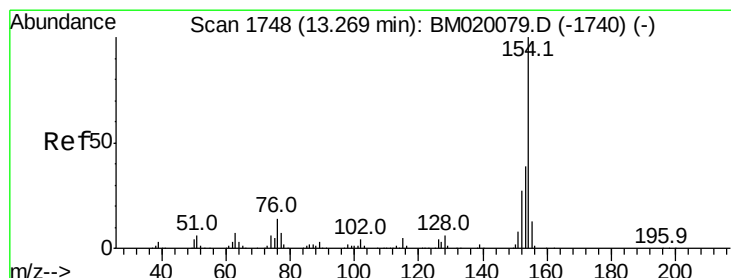
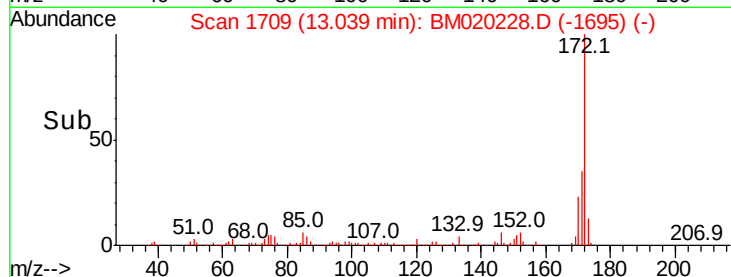
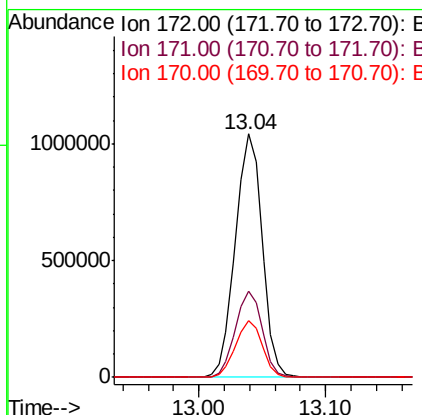
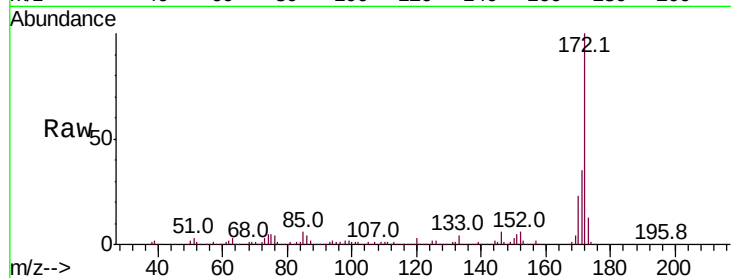


#45
2-Fluorobiphenyl
Concen: 87.704 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1528672

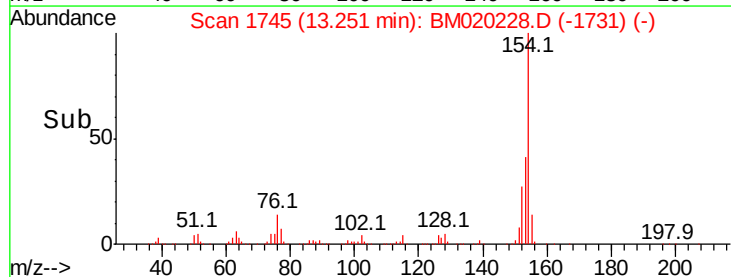
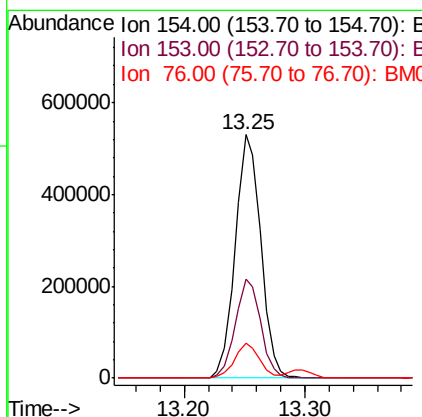
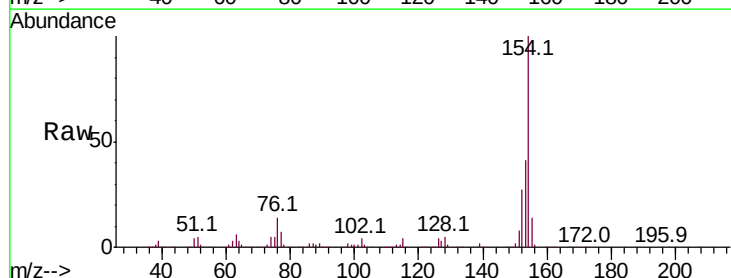
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.3	17.9	26.9

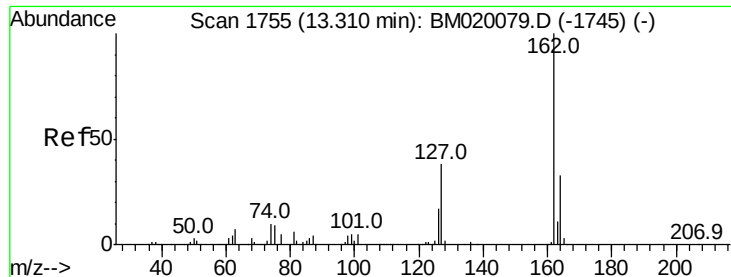


#46
1,1'-Biphenyl
Concen: 44.454 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:154 Resp: 784670

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.4	59.4
76	14.2	0.0	34.5





#47

2-Chloronaphthalene

Concen: 44.511 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

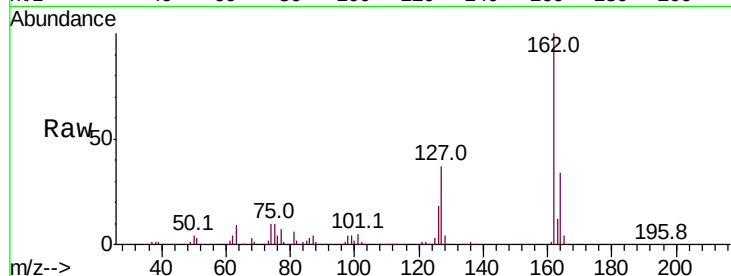
Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 627305

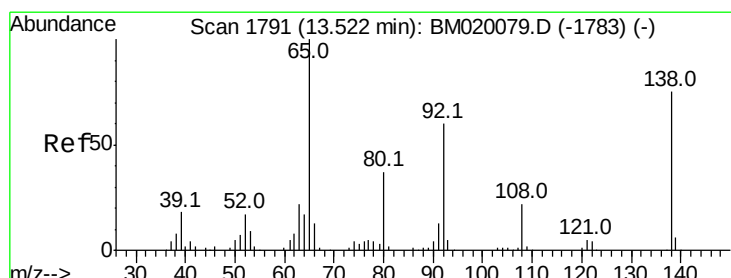
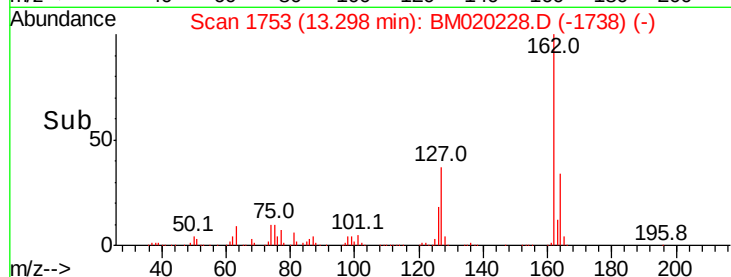
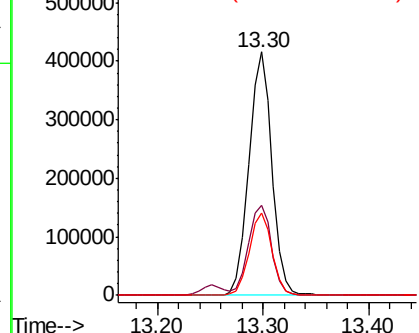
Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.4
164	33.6	26.2	39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.284 ng

RT: 13.52 min Scan# 1790

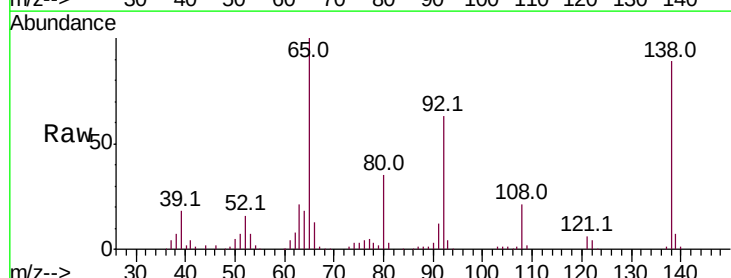
Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion: 65 Resp: 222190

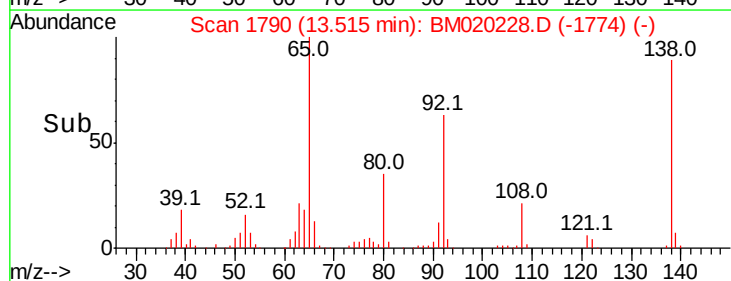
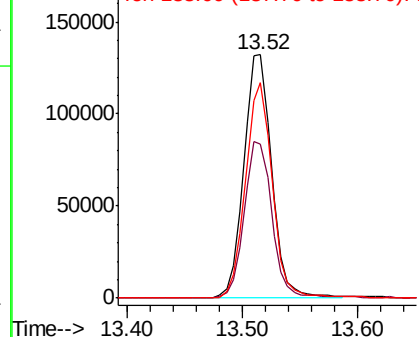
Ion	Ratio	Lower	Upper
65	100		
92	63.4	48.2	72.4
138	88.7	60.3	90.5

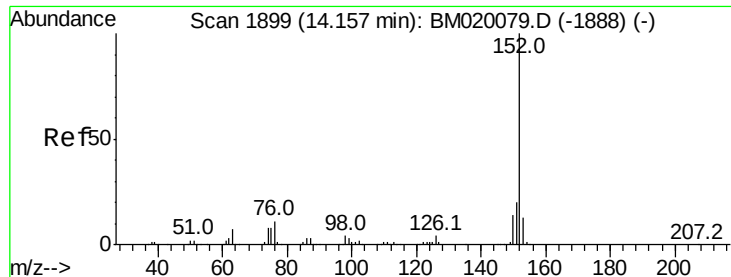


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.583 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

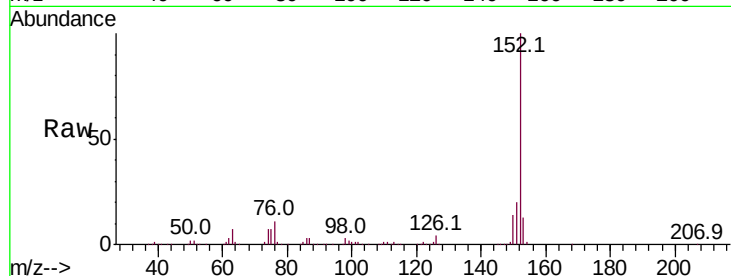
Tot Ion:152 Resp: 1005570

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

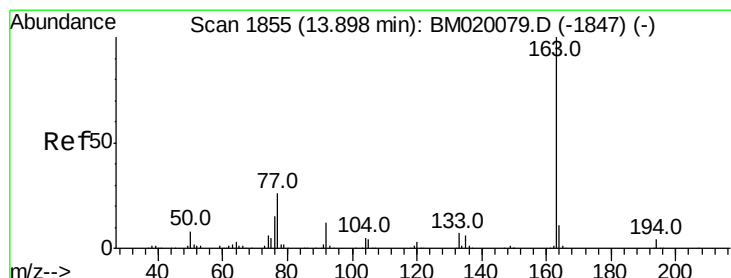
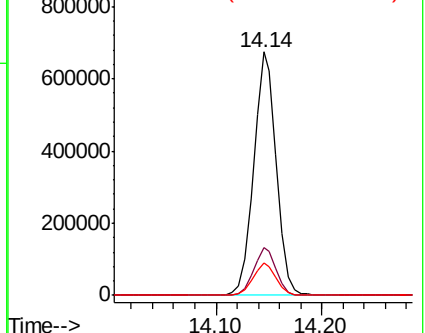
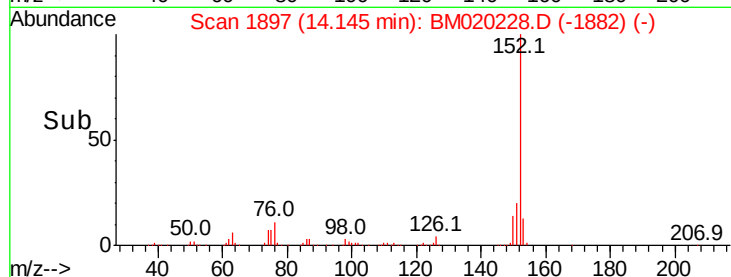
153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.932 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

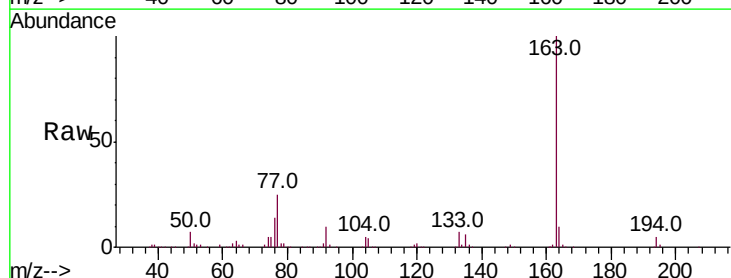
Tgt Ion:163 Resp: 764276

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

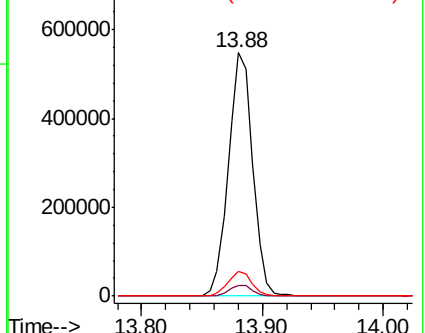
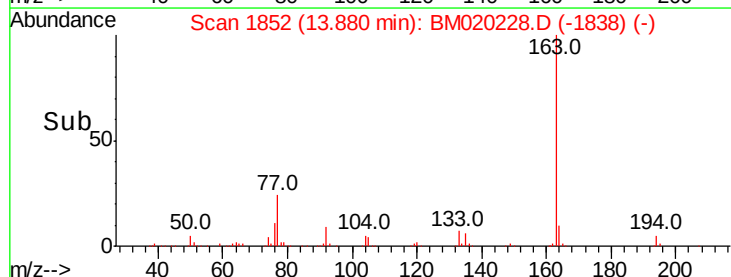
164 10.3 8.4 12.6

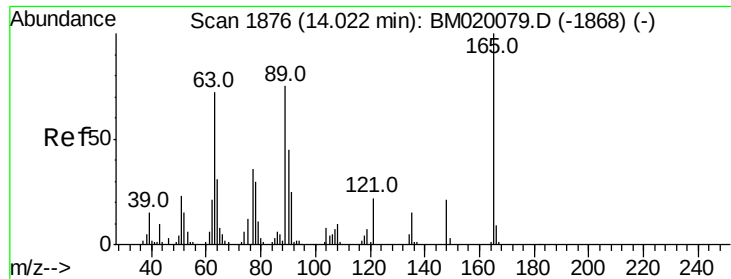


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.124 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

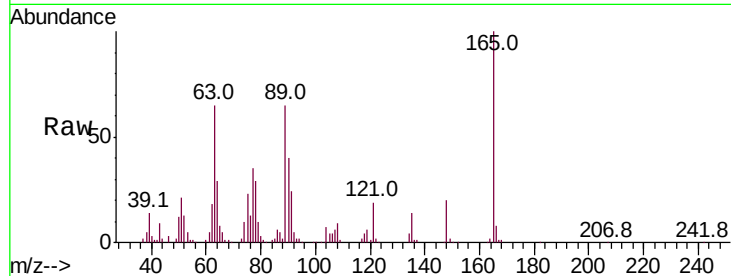
Tot Ion:165 Resp: 169389

Ion Ratio Lower Upper

165 100

63 65.5 60.3 90.5

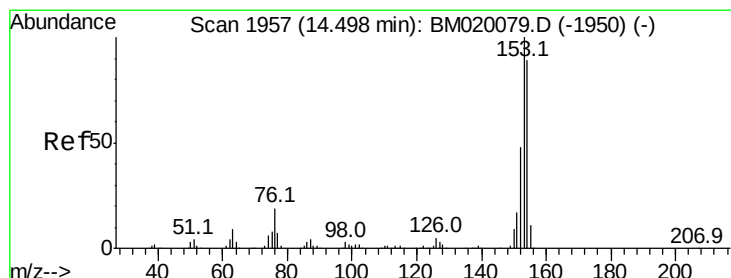
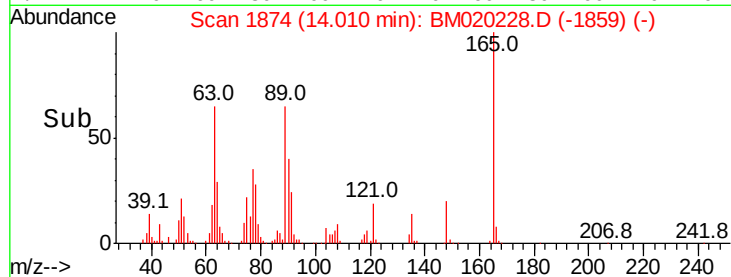
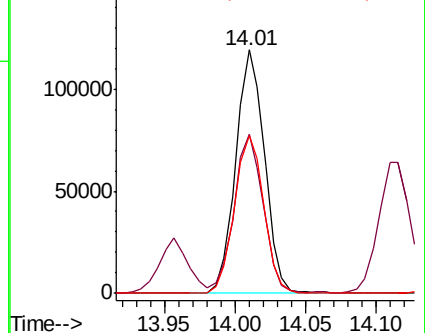
89 64.7 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 44.460 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

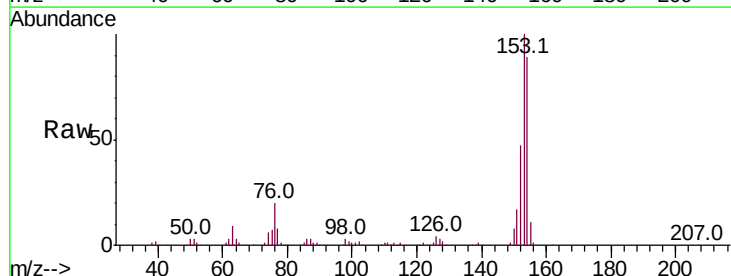
Tgt Ion:154 Resp: 575055

Ion Ratio Lower Upper

154 100

153 112.1 90.2 135.2

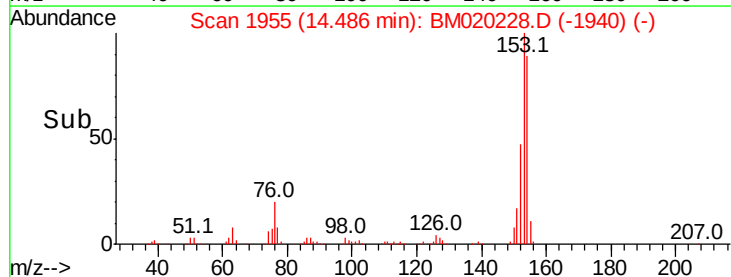
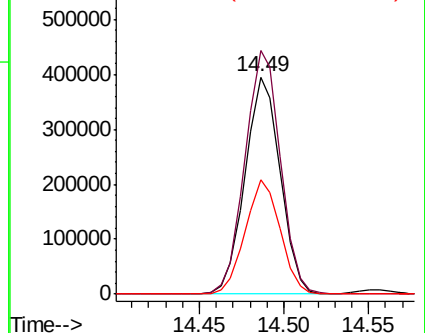
152 52.6 43.0 64.4

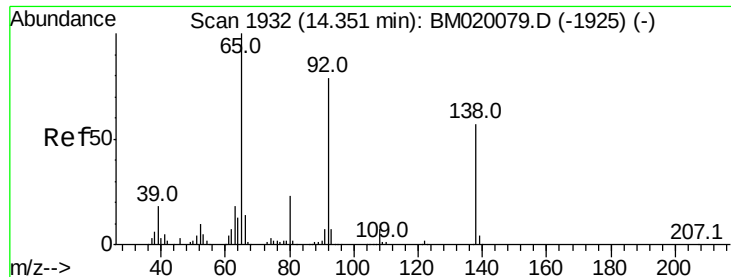


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

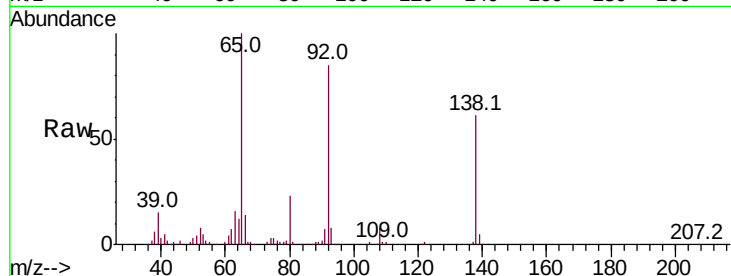




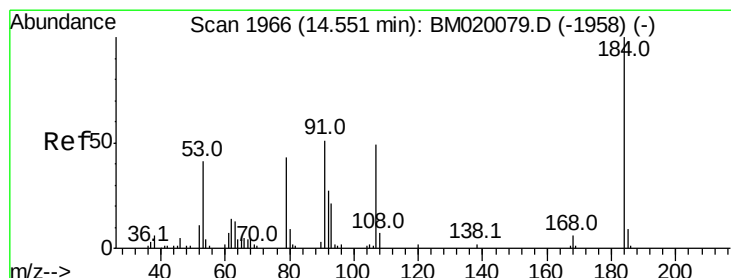
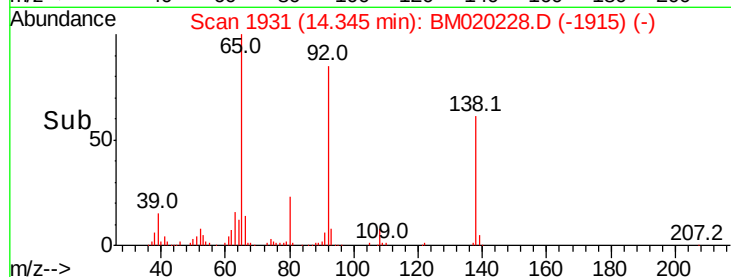
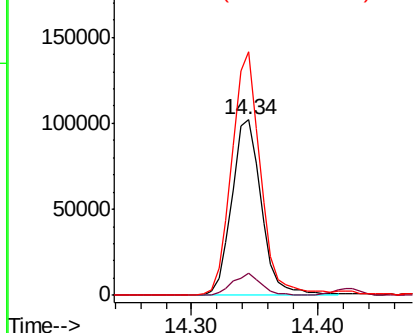
#53
3-Nitroaniline
Concen: 46.319 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 165036
Ion Ratio Lower Upper
138 100
108 12.6 10.4 15.6
92 138.8 111.3 166.9

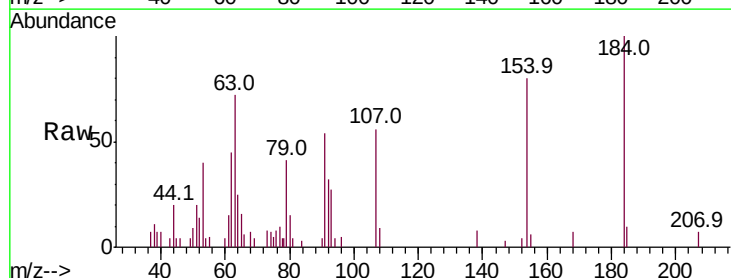


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

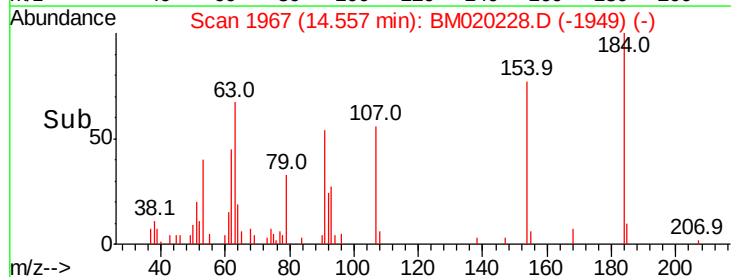
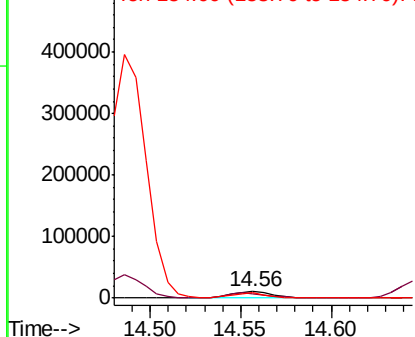


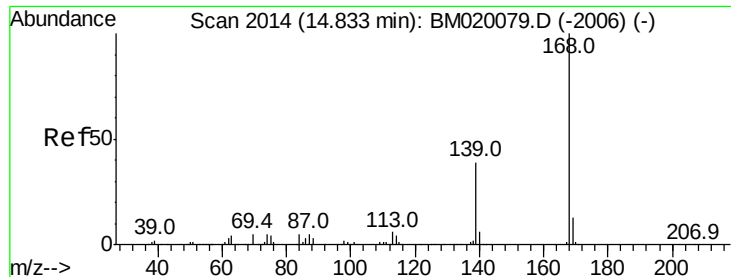
#54
2,4-Dinitrophenol
Concen: 16.908 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:184 Resp: 18144
Ion Ratio Lower Upper
184 100
63 72.1 68.9 103.3
154 79.6 54.4 81.6



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

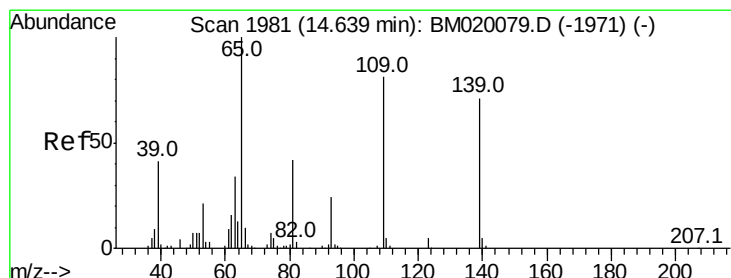
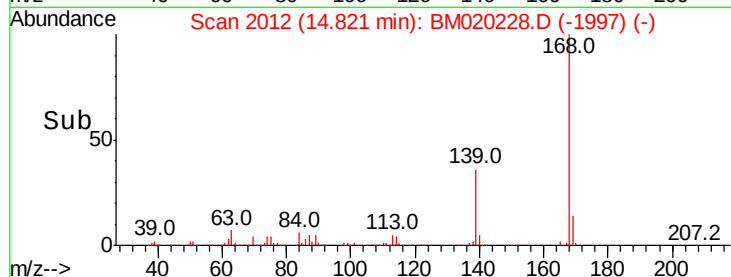
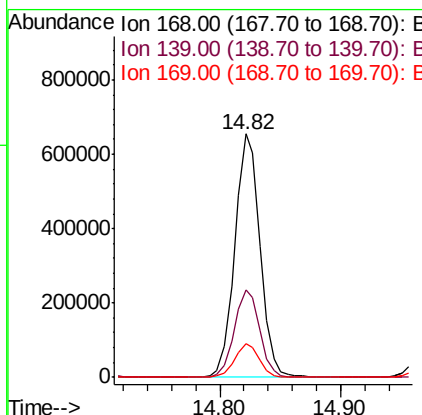
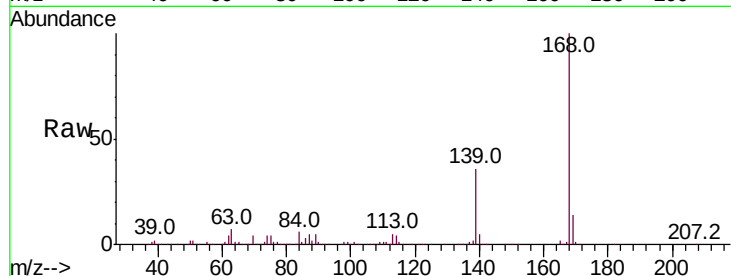




#55
Dibenzofuran
Concen: 43.507 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

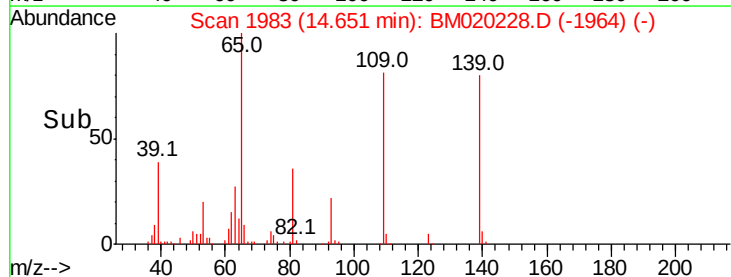
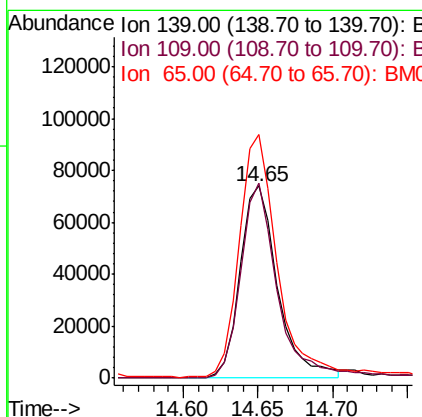
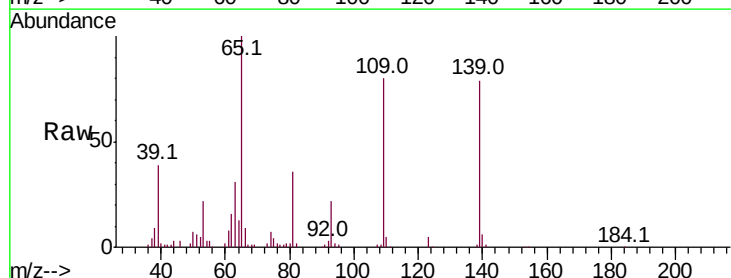
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

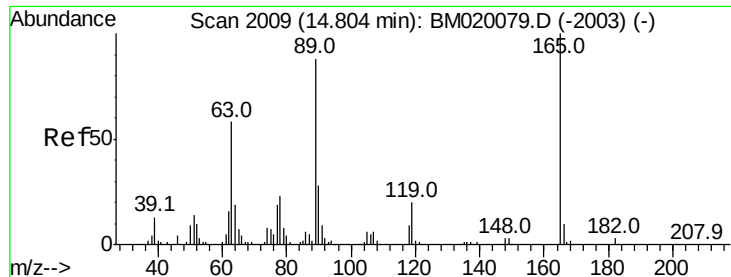
Tot Ion:168 Resp: 949197
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 42.650 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:139 Resp: 129656
Ion Ratio Lower Upper
139 100
109 101.7 94.1 134.1
65 126.6 120.9 160.9

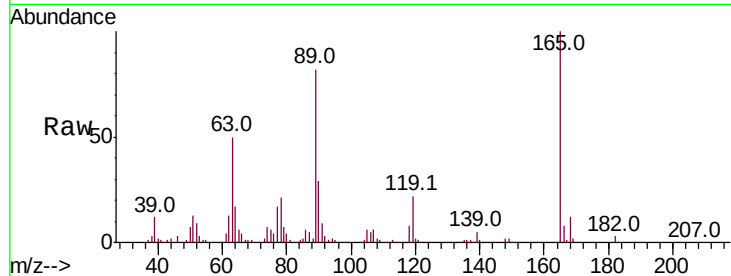




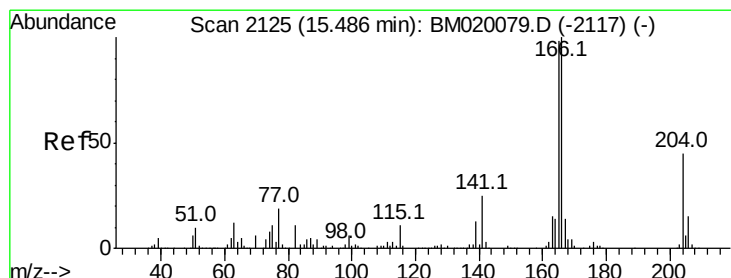
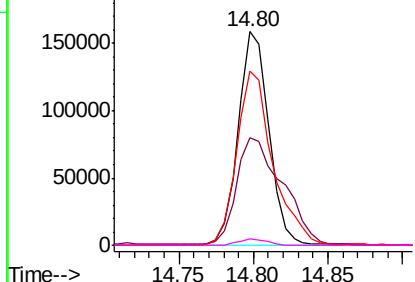
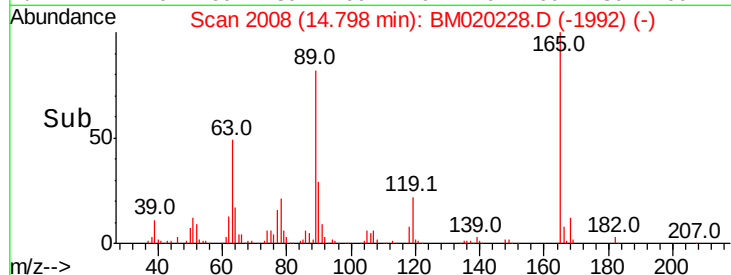
#57
2,4-Dinitrotoluene
Concen: 43.580 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 227331
Ion Ratio Lower Upper
165 100
63 50.3 46.2 69.2
89 81.6 70.6 105.8
182 2.9 2.2 3.2

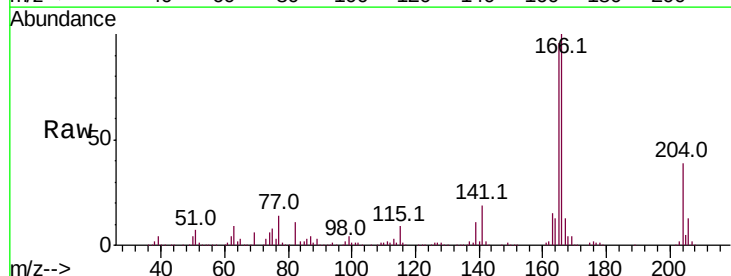


Abundance Ion 165.00 (164.70 to 165.70): E
250000
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

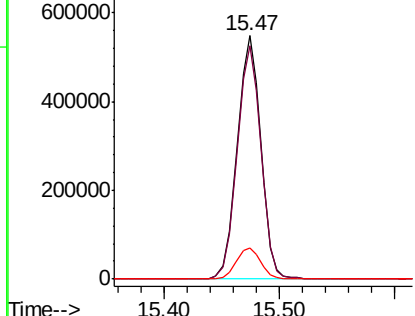
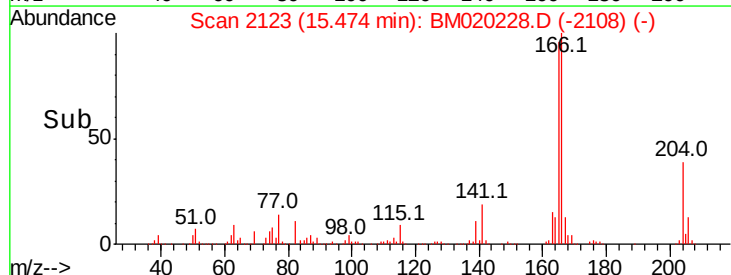


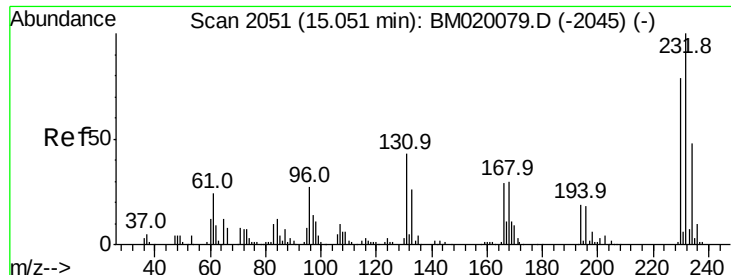
#58
Fluorene
Concen: 43.209 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:166 Resp: 774207
Ion Ratio Lower Upper
166 100
165 96.0 78.2 117.2
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

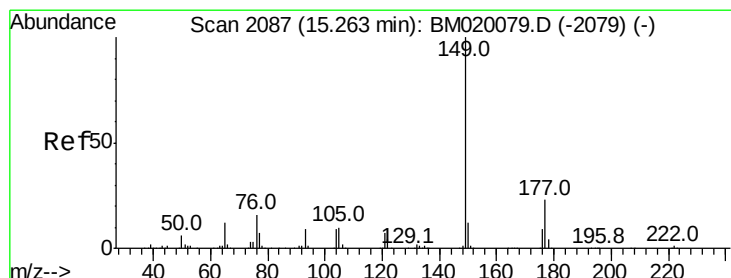
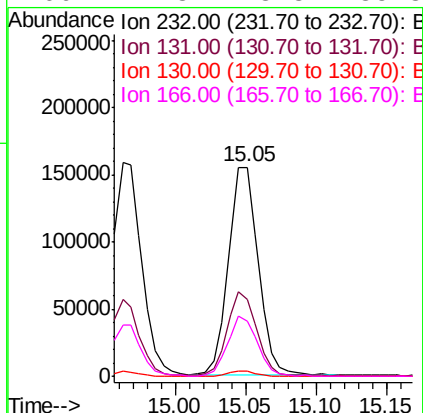
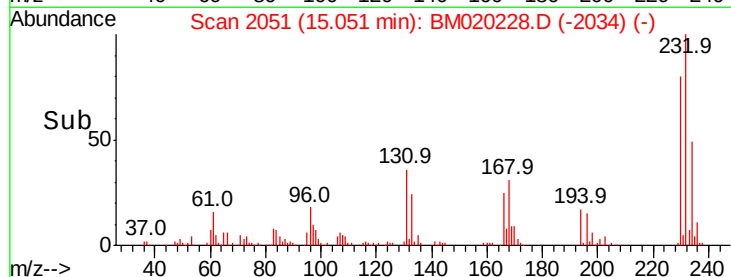
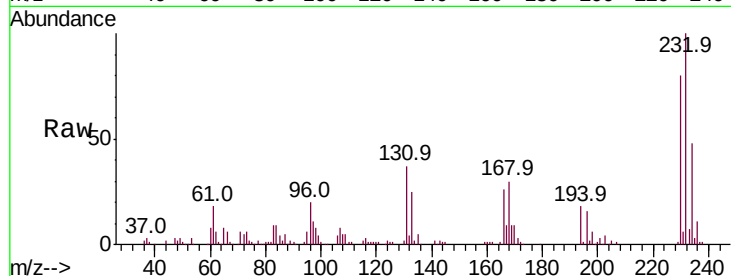




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.952 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

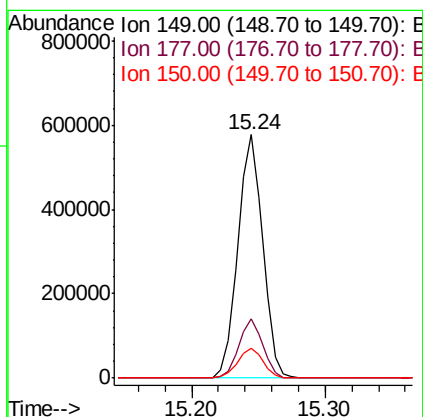
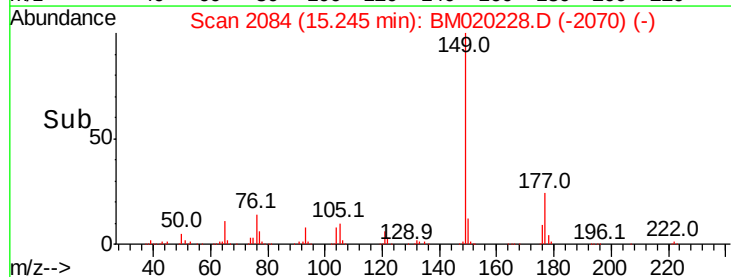
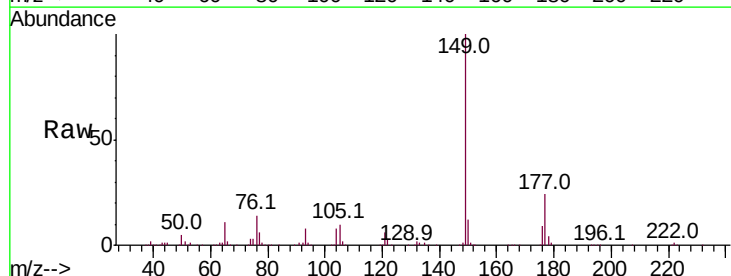
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

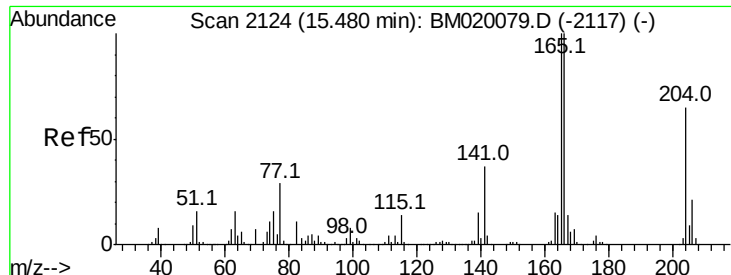
Tot Ion:	232	Resp:	227556
Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.2	51.4
130	2.3	2.0	3.0
166	27.8	23.8	35.8



#60
 Diethylphthalate
 Concen: 40.702 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:	149	Resp:	747421
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.2	27.4
150	12.3	9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 41.739 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

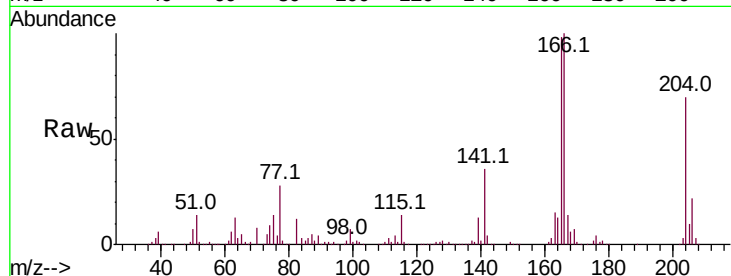
Tot Ion:204 Resp: 423746

Ion Ratio Lower Upper

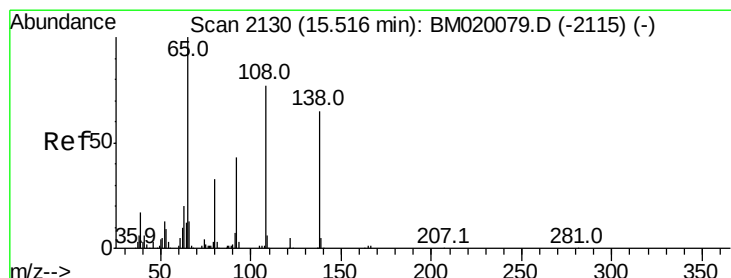
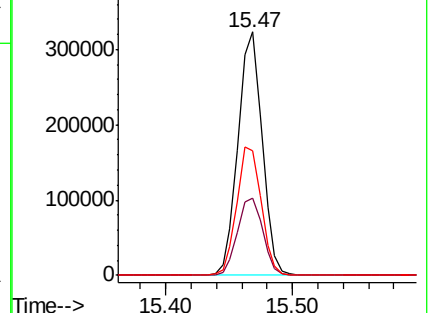
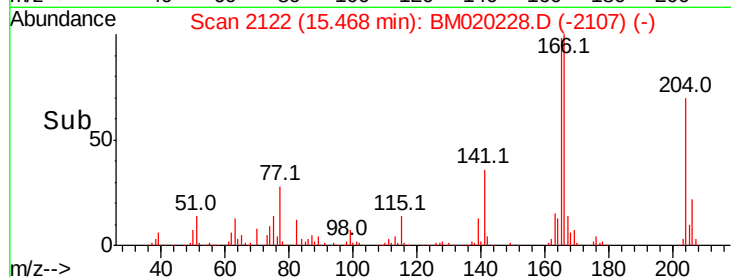
204 100

206 31.5 25.6 38.4

141 51.2 46.1 69.1



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: 44.360 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

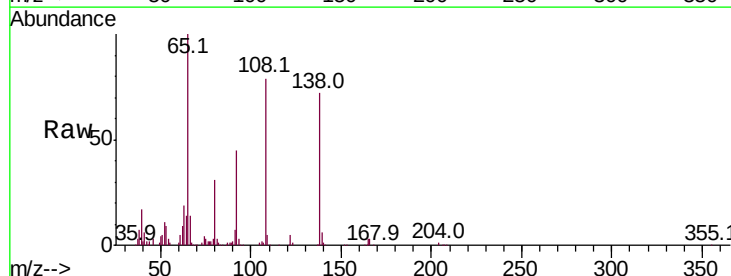
Tgt Ion:138 Resp: 174426

Ion Ratio Lower Upper

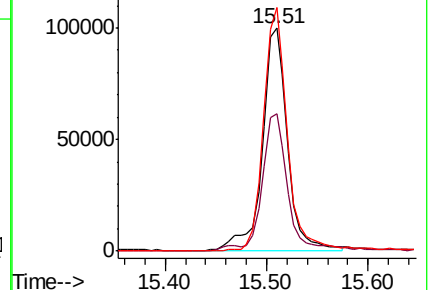
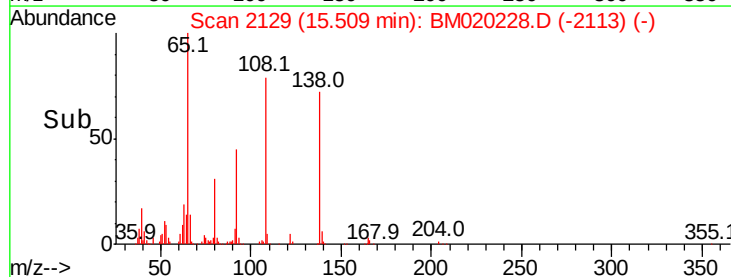
138 100

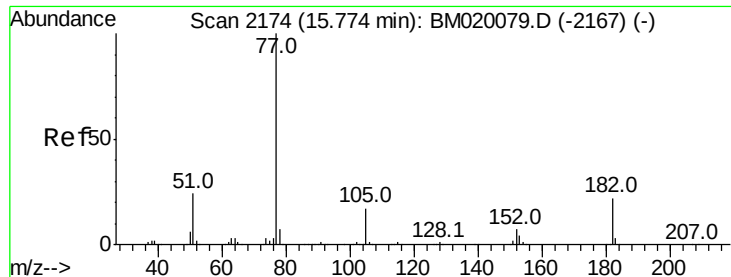
92 61.8 45.9 85.9

108 109.3 97.7 137.7



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





#63

Azobenzene

Concen: 38.848 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 841585

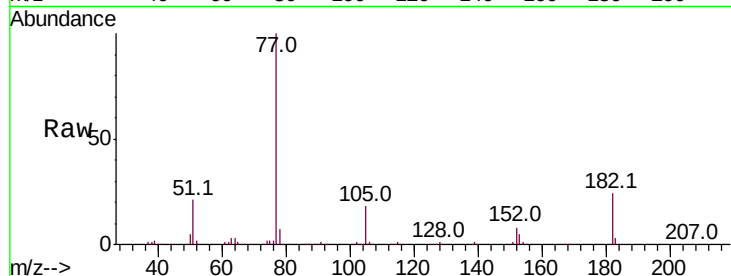
Ion Ratio Lower Upper

77 100

182 24.4 2.1 42.1

105 17.7 0.0 36.8

51 20.9 3.8 43.8

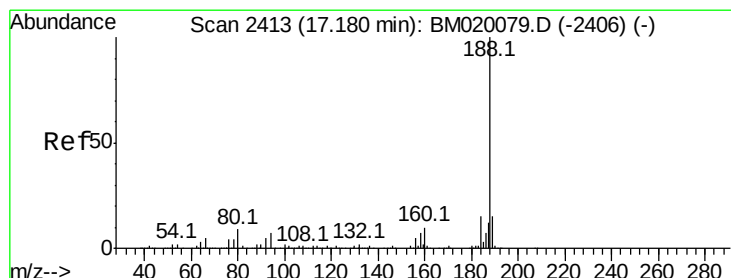
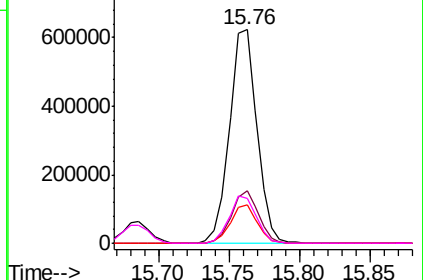
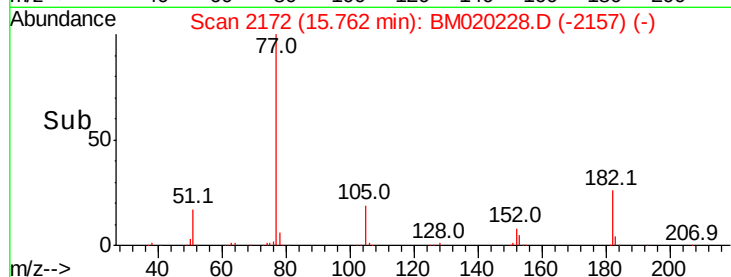


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

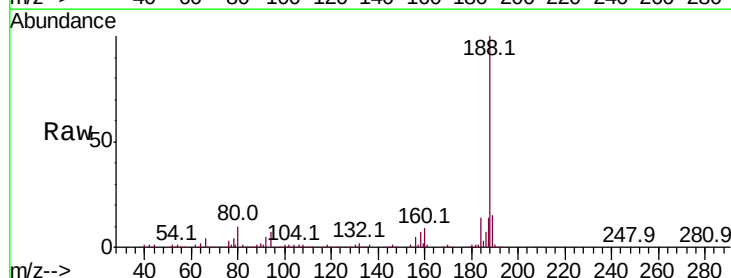
Tgt Ion: 188 Resp: 500662

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

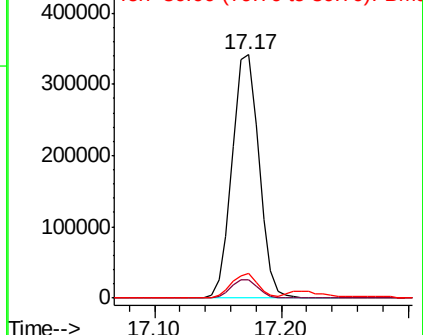
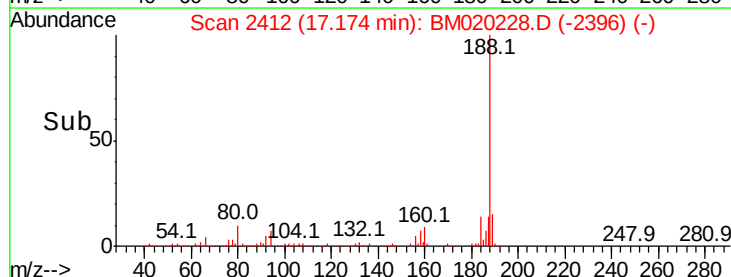
80 10.0 7.4 11.2

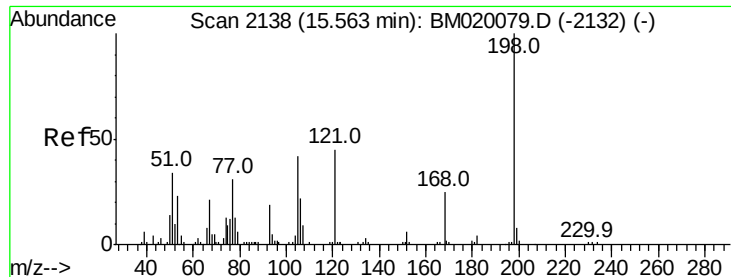


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 19.229 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

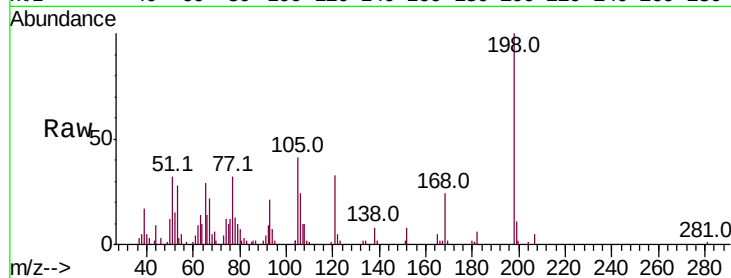
Tot Ion:198 Resp: 35830

Ion Ratio Lower Upper

198 100

51 31.7 16.5 56.5

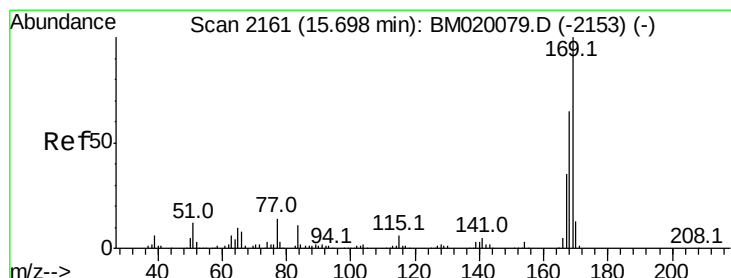
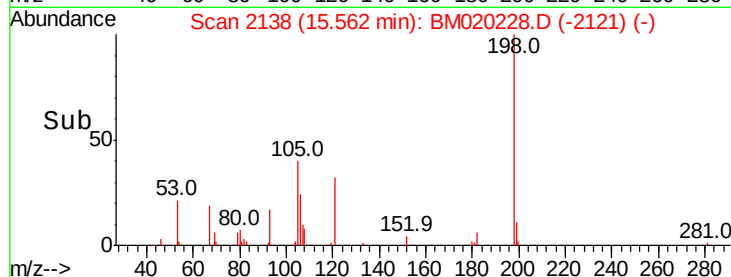
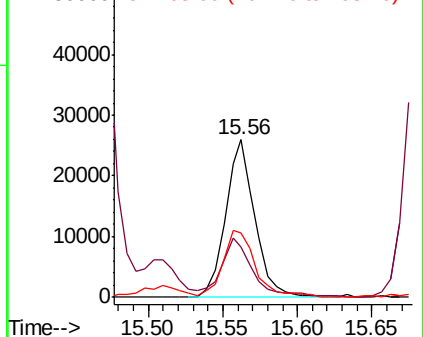
105 41.2 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.802 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

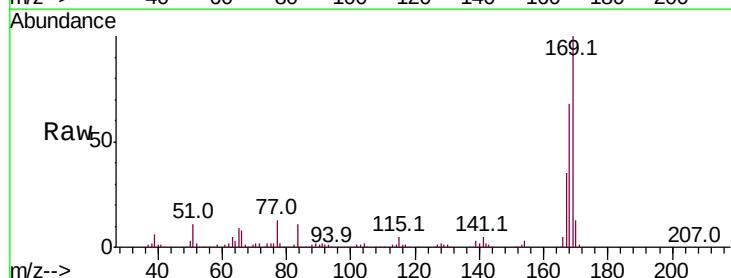
Tgt Ion:169 Resp: 660028

Ion Ratio Lower Upper

169 100

168 68.2 51.9 77.9

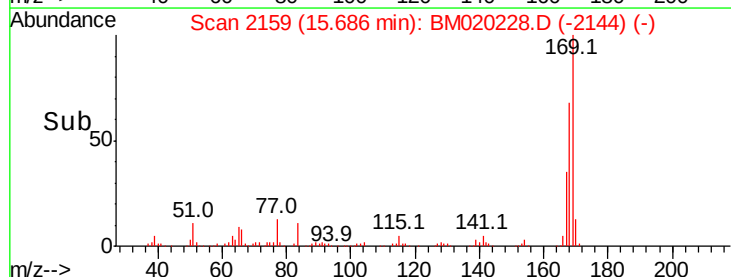
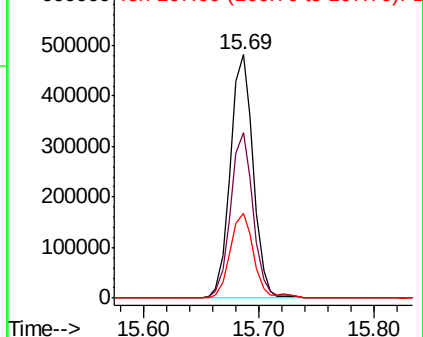
167 35.1 27.8 41.6

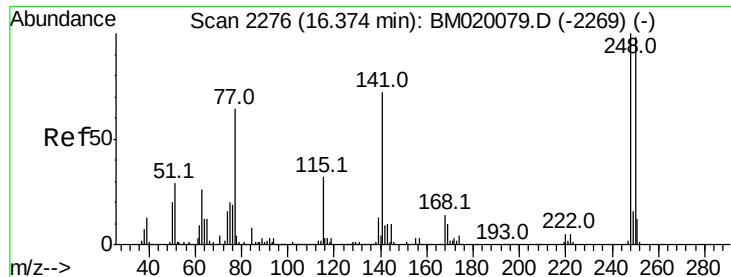


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

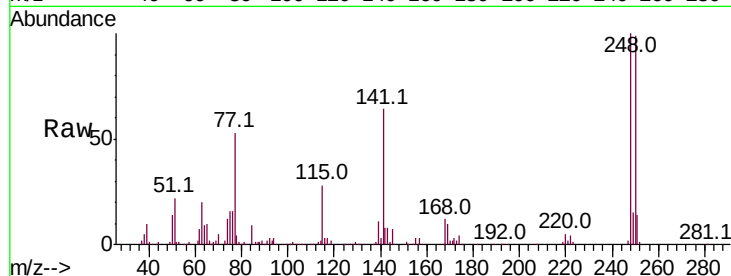




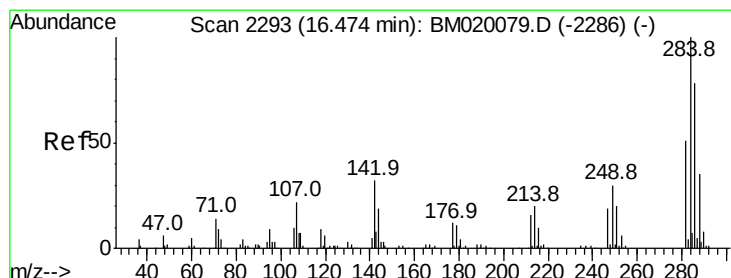
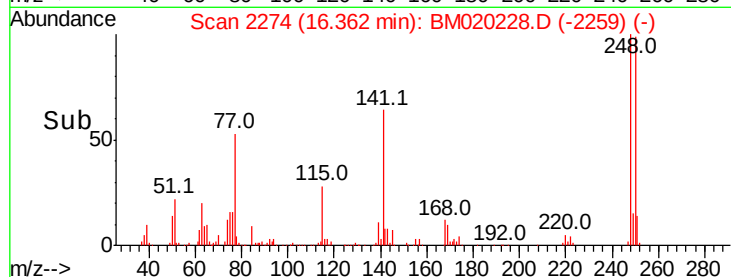
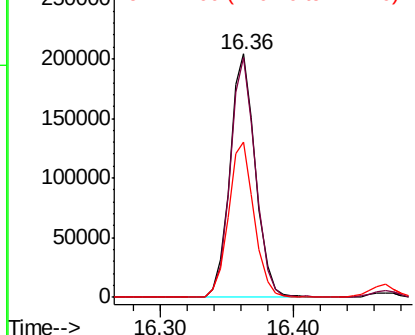
#67
4-Bromophenyl-phenylether
Concen: 44.252 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 271679
Ion Ratio Lower Upper
248 100
250 98.7 78.4 117.6
141 64.0 57.4 86.2

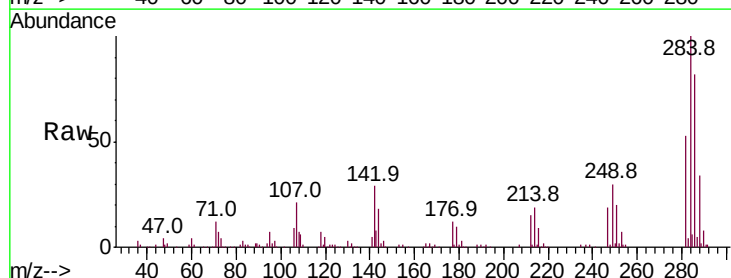


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

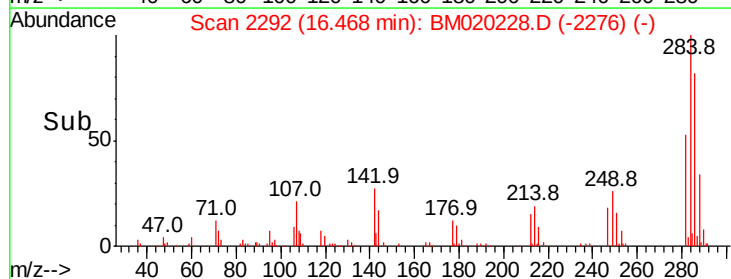
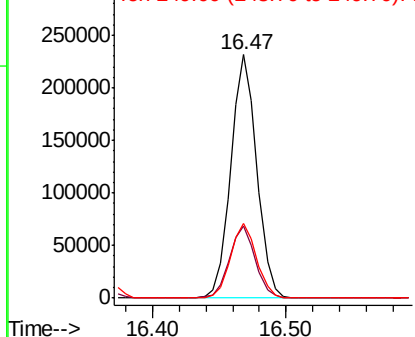


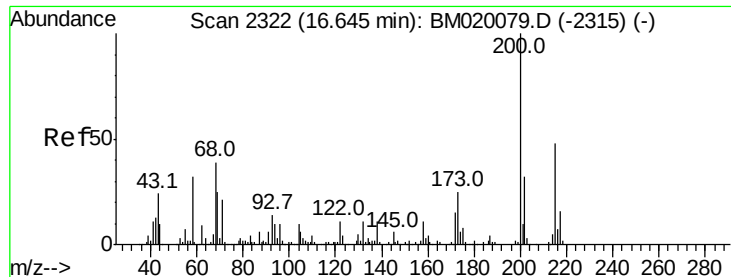
#68
Hexachlorobenzene
Concen: 44.366 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:284 Resp: 313439
Ion Ratio Lower Upper
284 100
142 29.4 25.2 37.8
249 30.4 23.6 35.4



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





#69

Atrazine

Concen: 41.469 ng

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

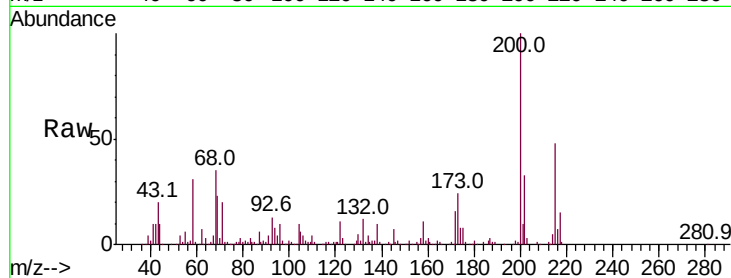
Tot Ion:200 Resp: 238748

Ion Ratio Lower Upper

200 100

173 23.8 4.6 44.6

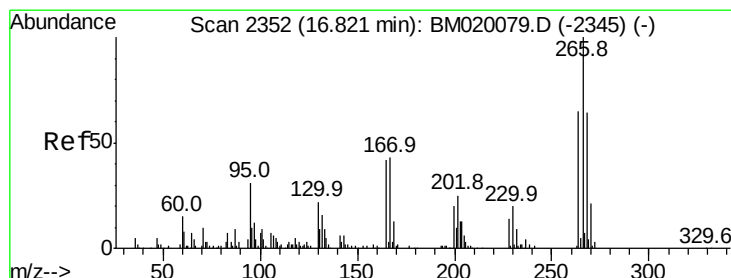
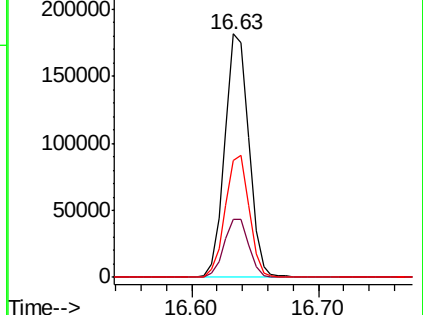
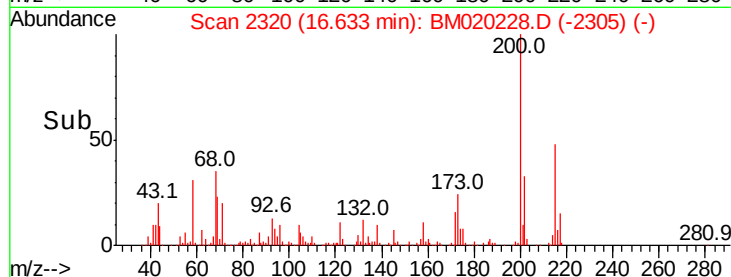
215 48.0 28.0 68.0



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: 46.694 ng

RT: 16.82 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

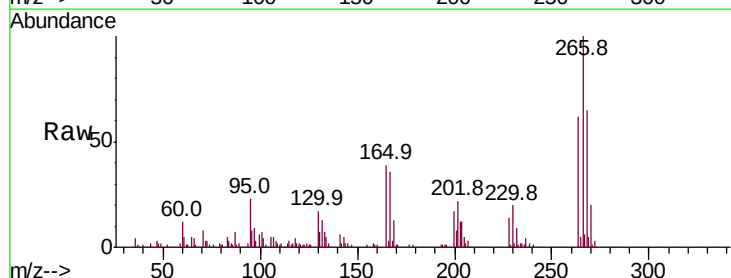
Tgt Ion:266 Resp: 188747

Ion Ratio Lower Upper

266 100

268 64.7 51.4 77.0

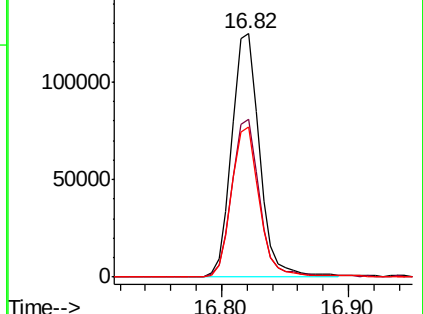
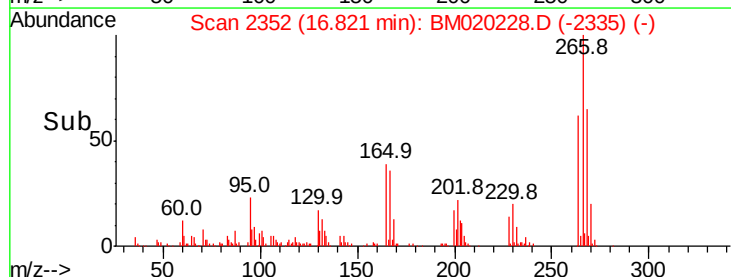
264 61.8 52.0 78.0

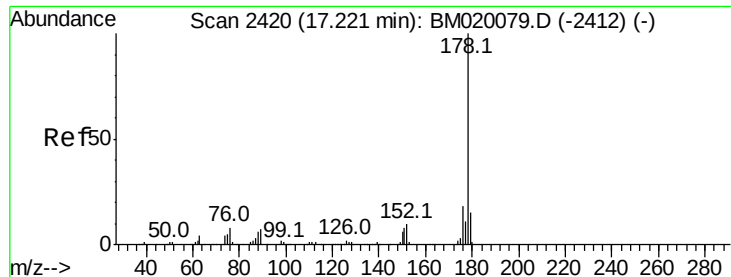


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

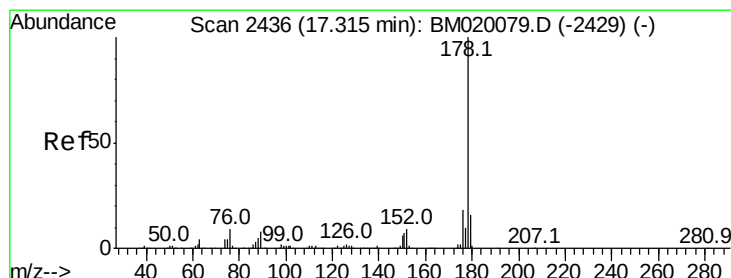
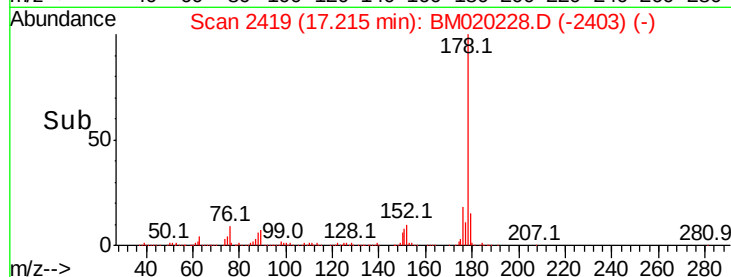
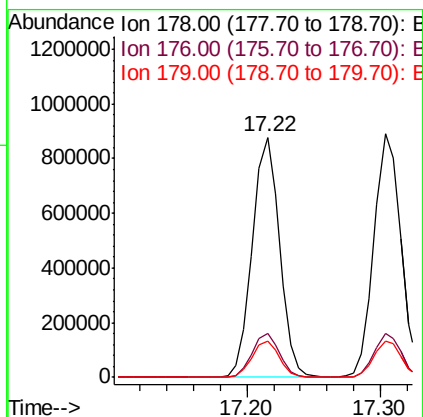
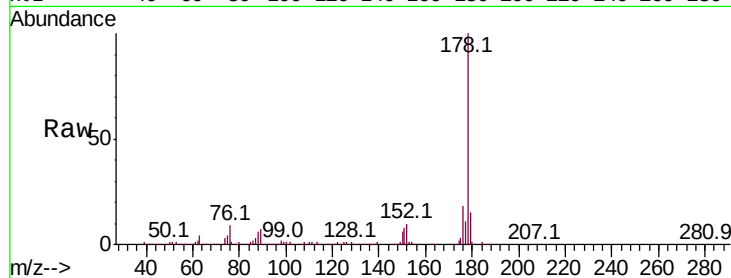




#71
Phenanthrene
Concen: 44.619 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

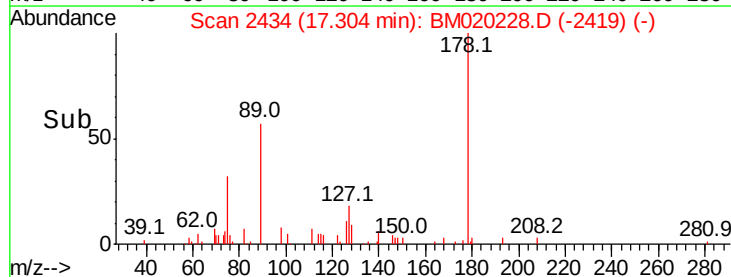
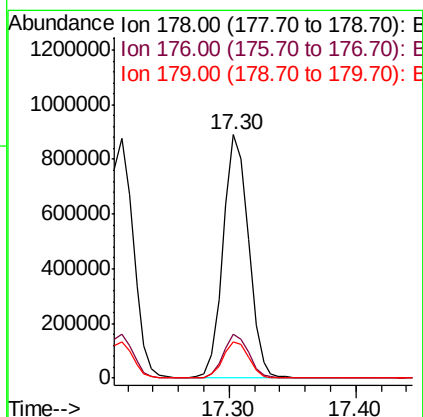
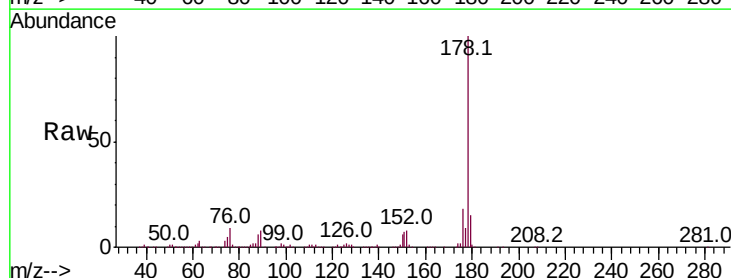
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

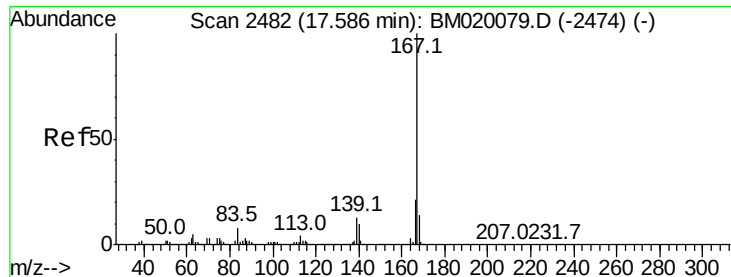
Tot Ion:178 Resp: 1233141
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6



#72
Anthracene
Concen: 44.763 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:178 Resp: 1236906
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.1 12.4 18.6

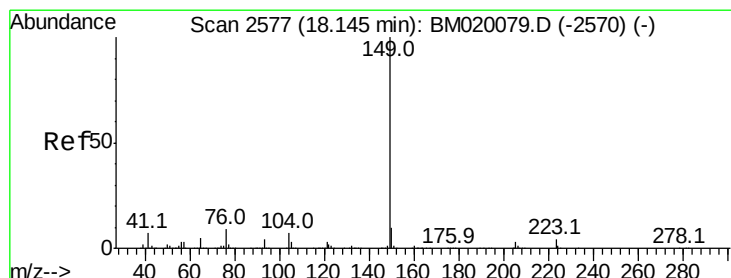
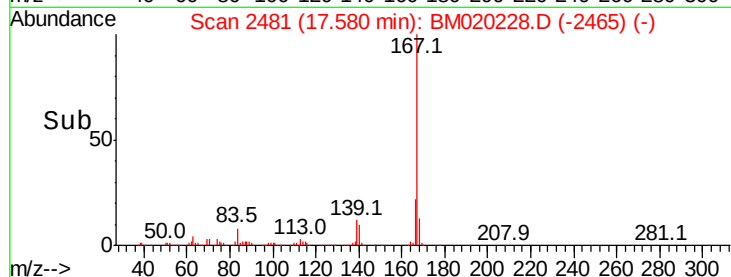
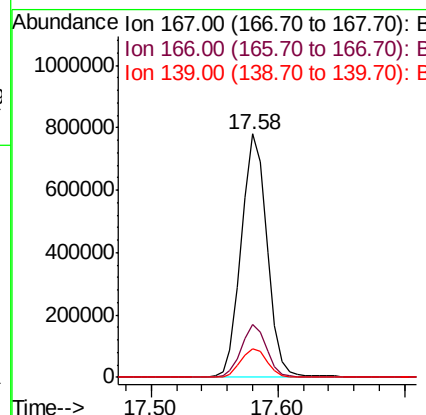
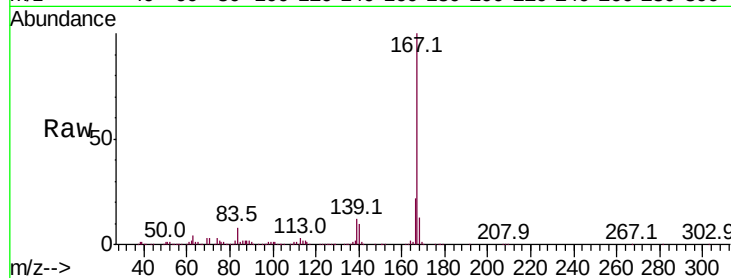




#73
 Carbazole
 Concen: 44.181 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

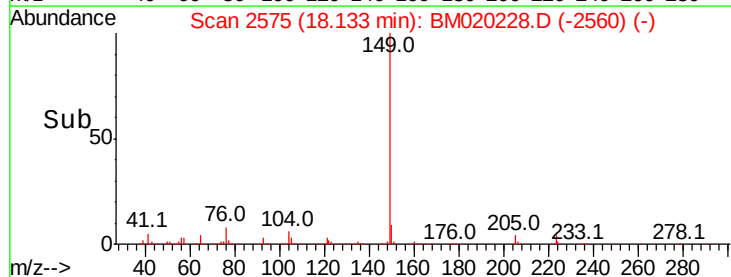
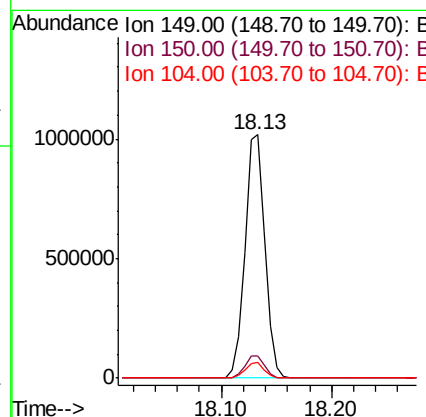
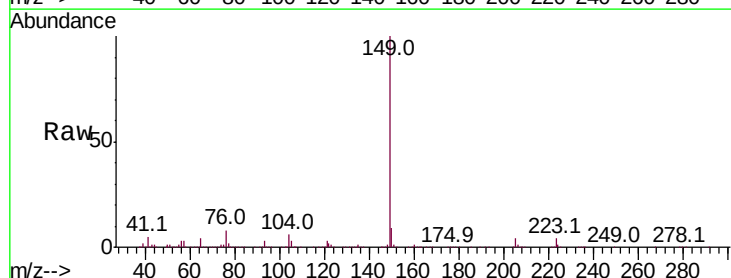
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

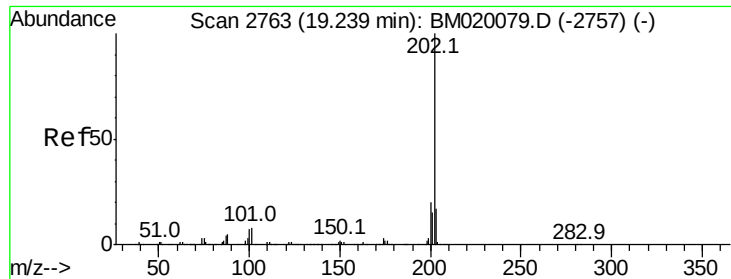
Tot Ion:167 Resp: 1101560
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 11.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.820 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BM020228.D
 Acq: 09 May 2019 21:38

Tgt Ion:149 Resp: 1284839
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 6.2 5.7 8.5





#75

Fluoranthene

Concen: 43.481 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

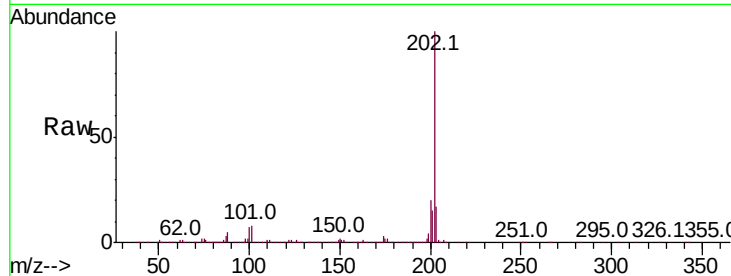
Tot Ion:202 Resp: 1520418

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.4

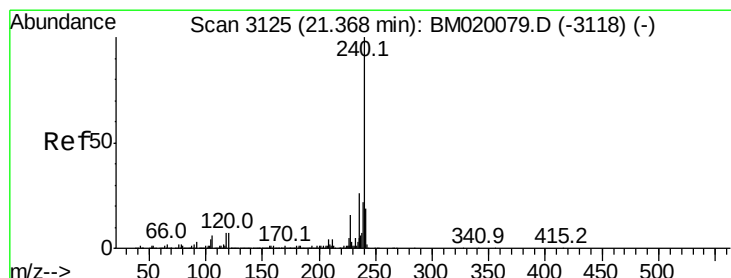
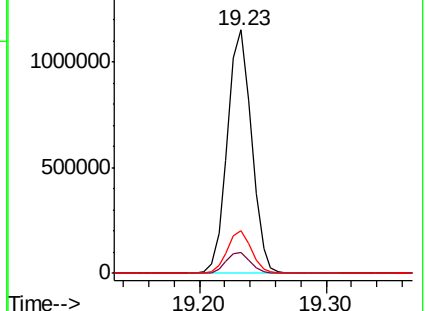
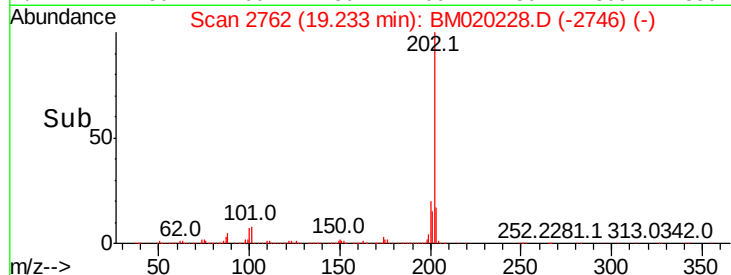
203 17.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

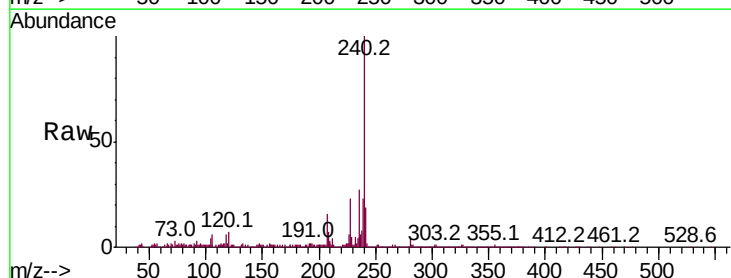
Tgt Ion:240 Resp: 518364

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

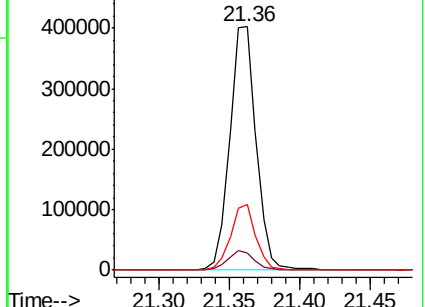
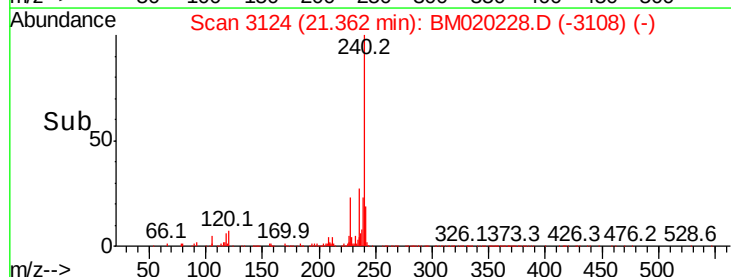
236 26.9 20.9 31.3

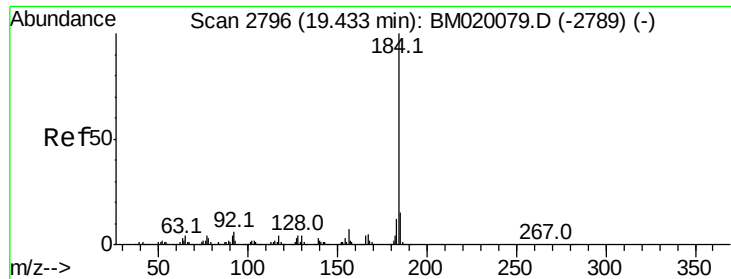


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.353 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

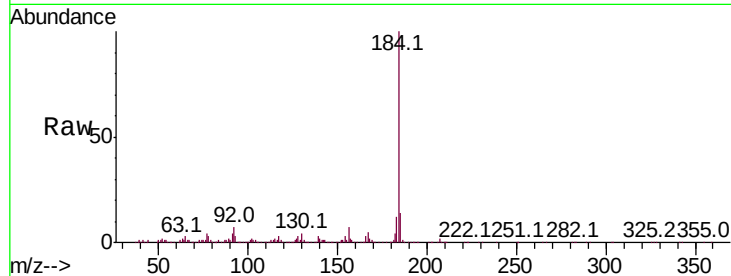
Tot Ion:184 Resp: 701899

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

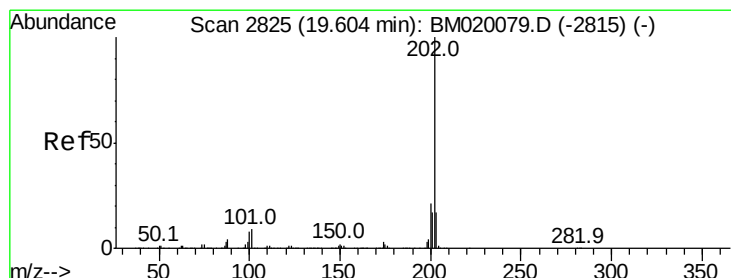
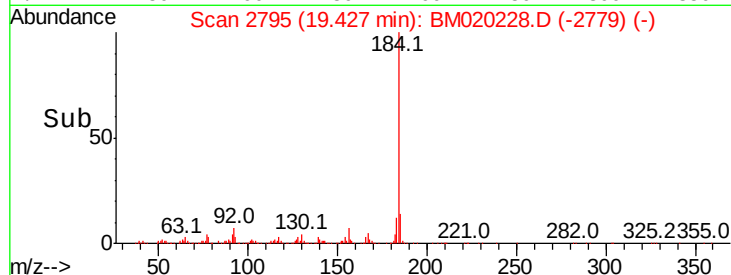
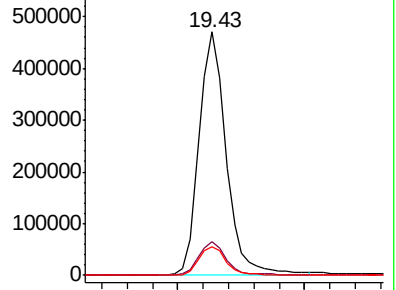
183 12.0 9.5 14.3



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: 45.110 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

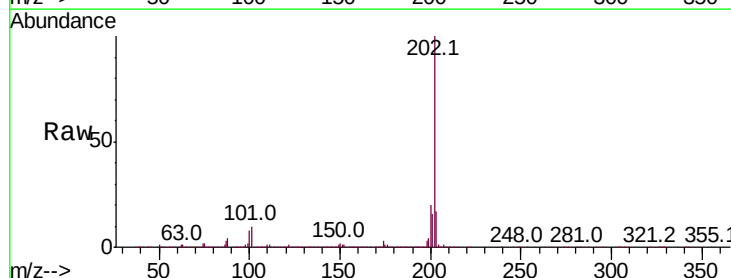
Tgt Ion:202 Resp: 1569933

Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

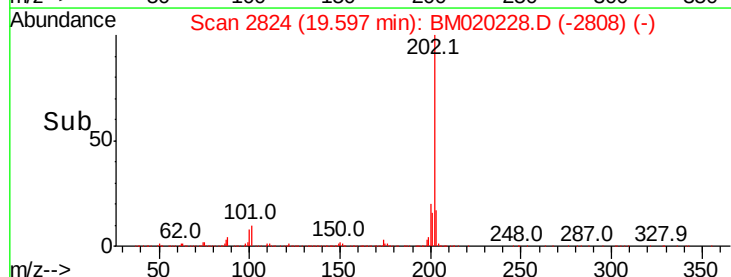
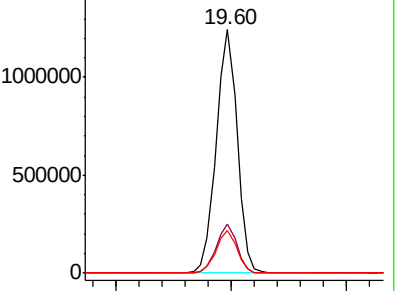
203 17.4 13.9 20.9

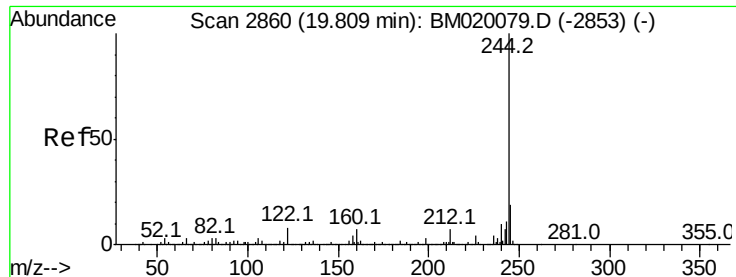


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.044 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

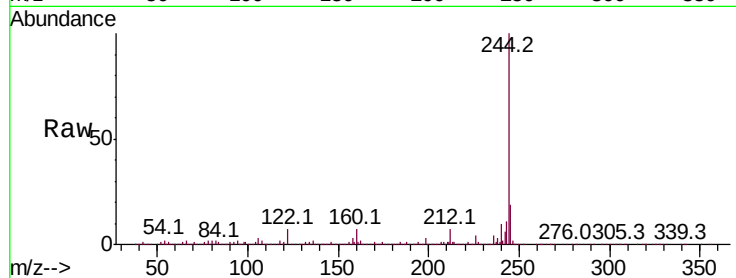
Tot Ion:244 Resp: 2557132

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

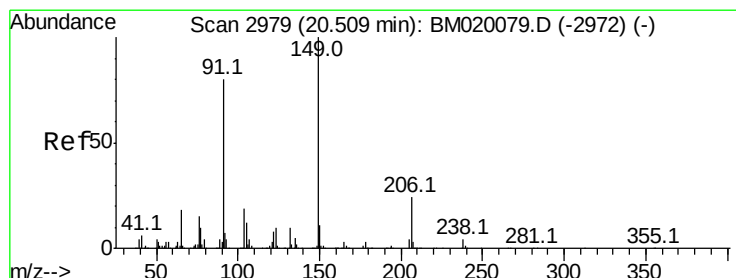
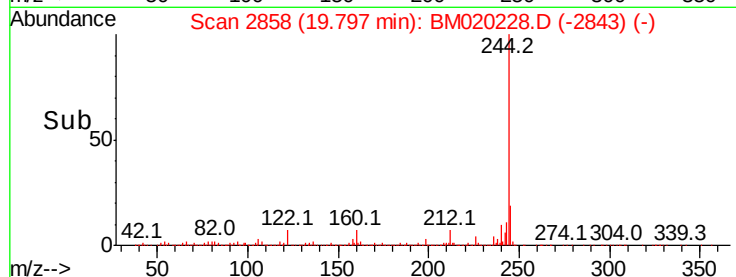
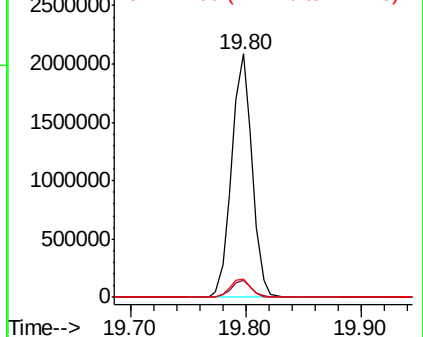
122 7.4 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.288 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

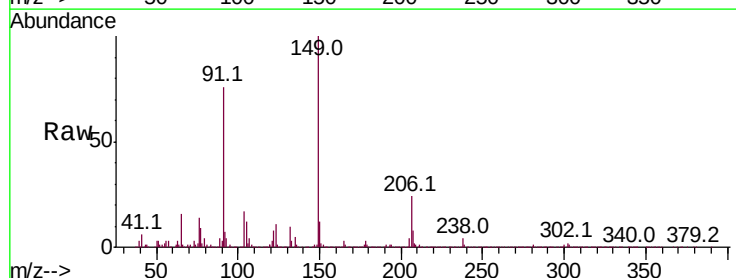
Tgt Ion:149 Resp: 598480

Ion Ratio Lower Upper

149 100

91 75.6 63.8 95.8

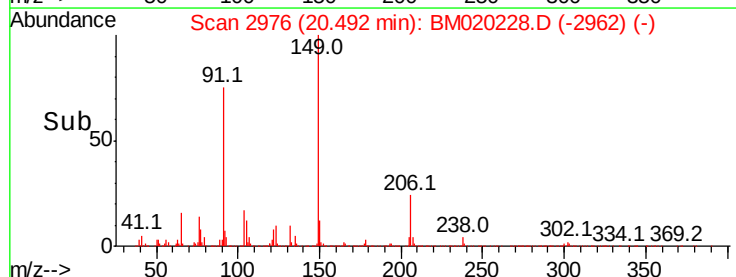
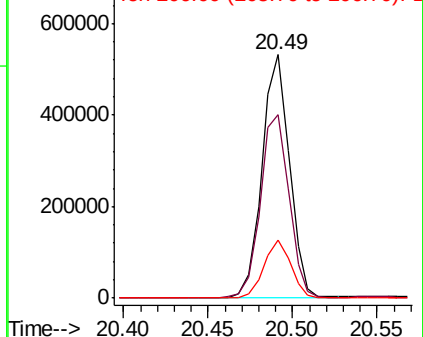
206 23.8 18.9 28.3

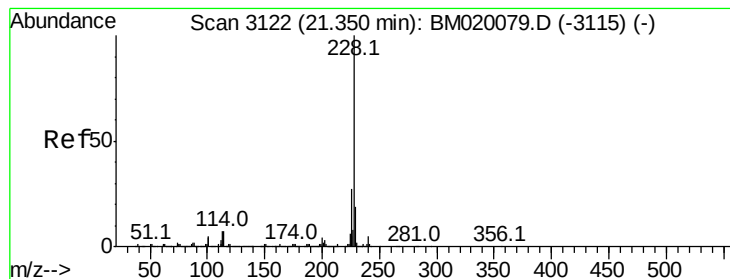


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.396 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

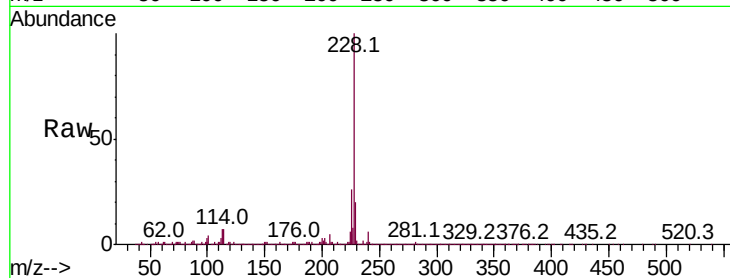
Tot Ion:228 Resp: 1613908

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

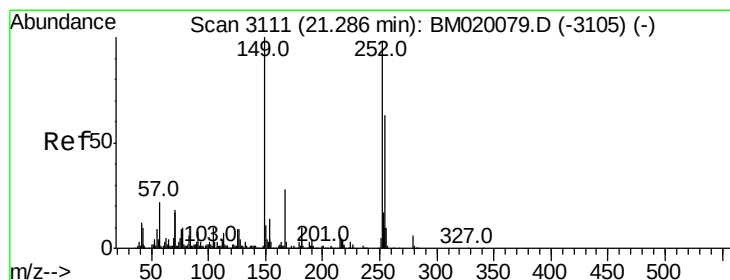
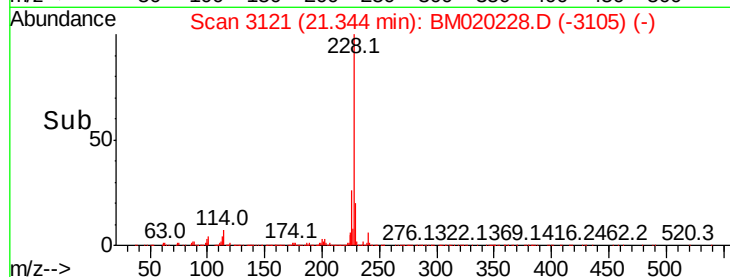
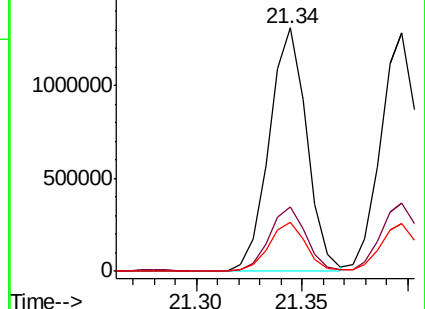
229 20.0 15.5 23.3



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: 46.529 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

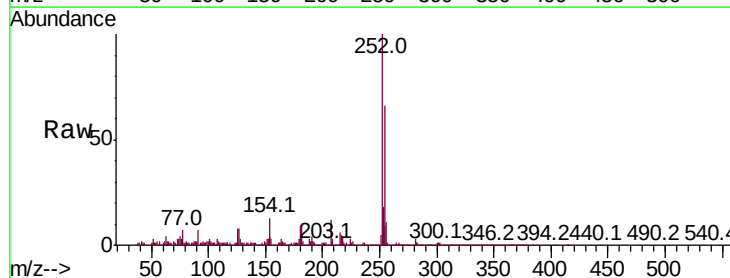
Tgt Ion:252 Resp: 645579

Ion Ratio Lower Upper

252 100

254 65.9 51.1 76.7

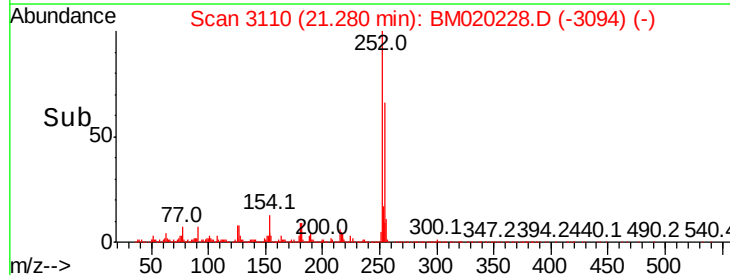
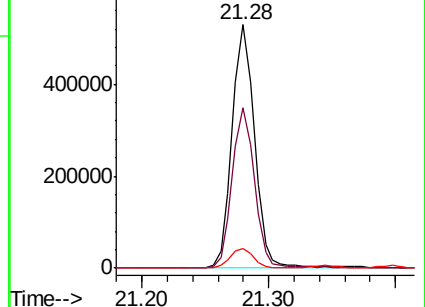
126 8.1 7.1 10.7

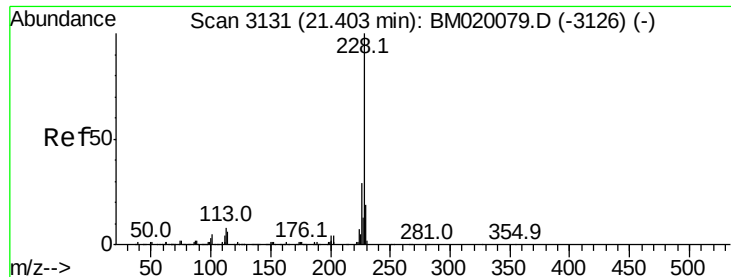


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.780 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

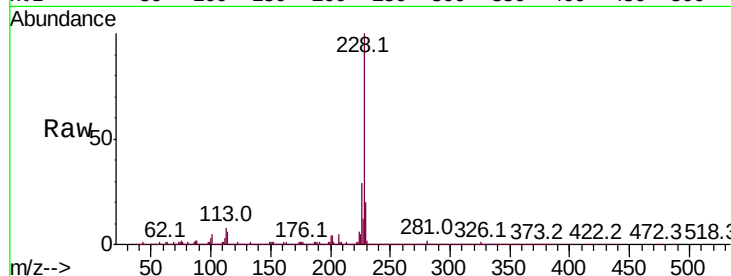
BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1578755

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	19.8	15.5	23.3

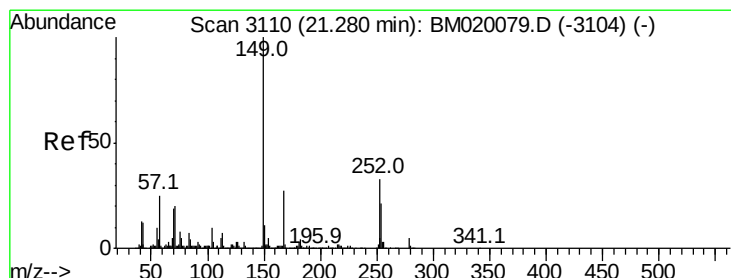
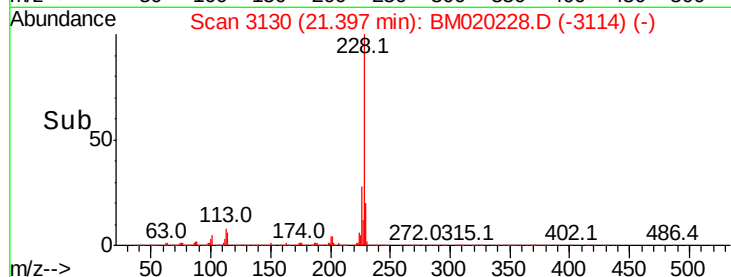
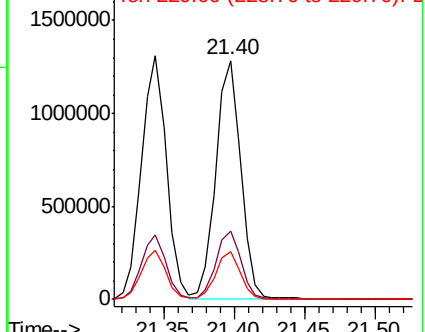


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.762 ng

RT: 21.26 min Scan# 3106

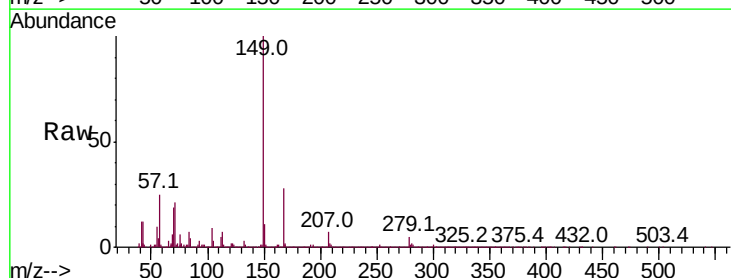
Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Tgt Ion:149 Resp: 859434

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	5.0	4.2	6.2

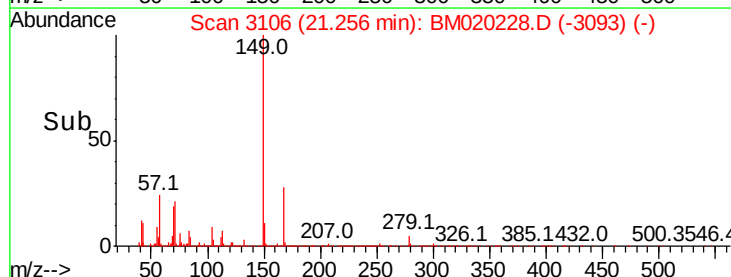
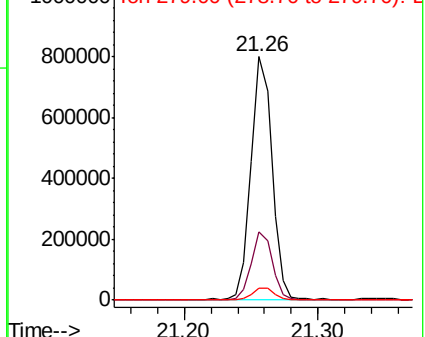


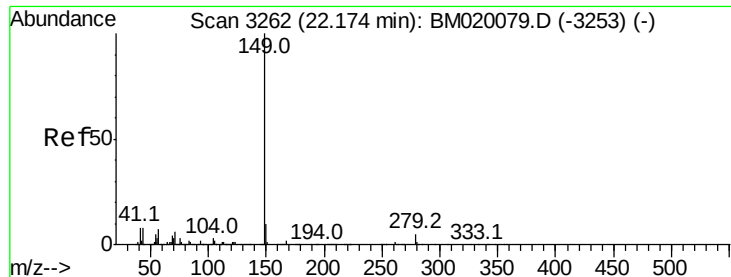
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.415 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

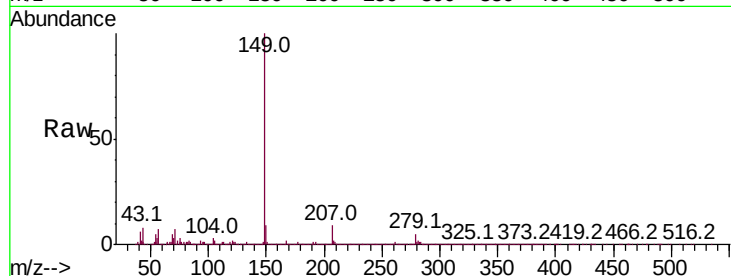
Tot Ion:149 Resp: 1482369

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

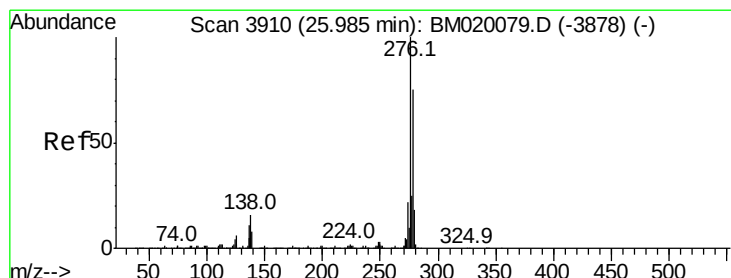
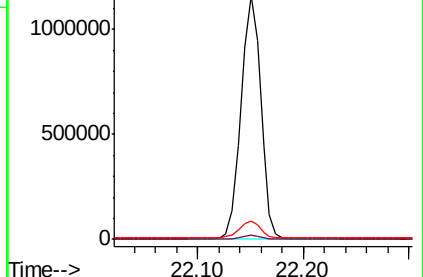
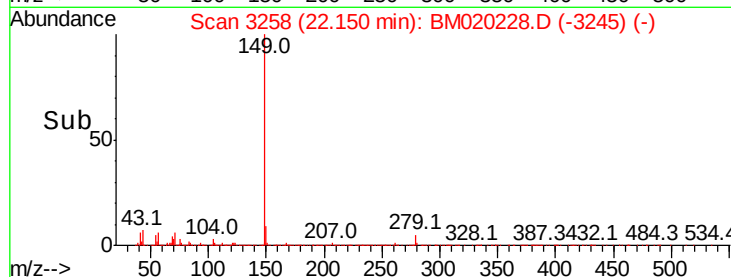
43 7.1 6.5 9.7



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: 51.181 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

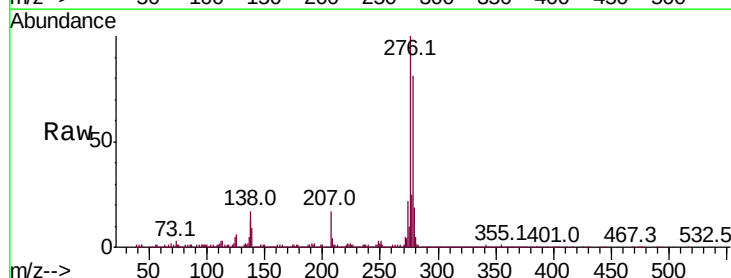
Tgt Ion:276 Resp: 2146317

Ion Ratio Lower Upper

276 100

138 16.4 0.0 0.0#

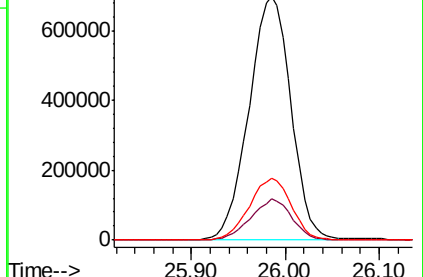
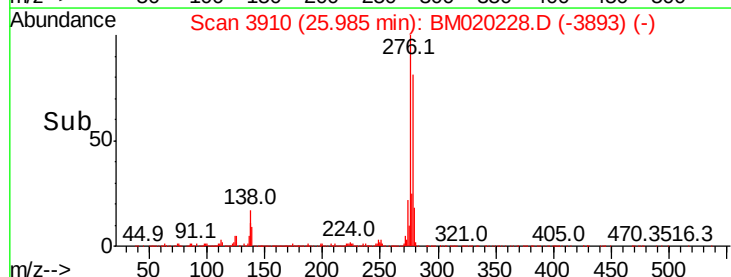
277 25.3 0.0 0.0#

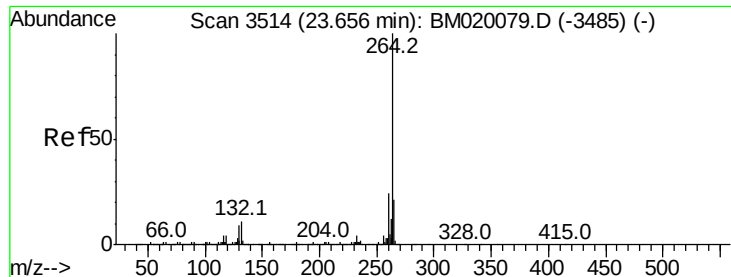


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

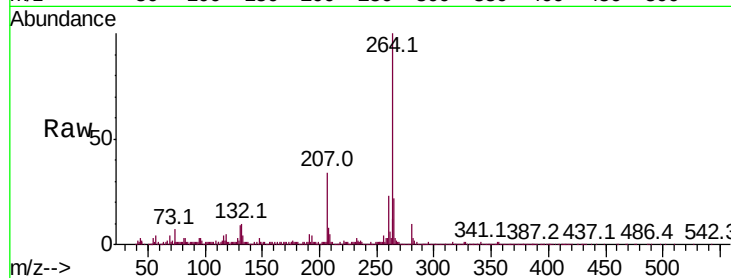
Tot Ion:264 Resp: 642848

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

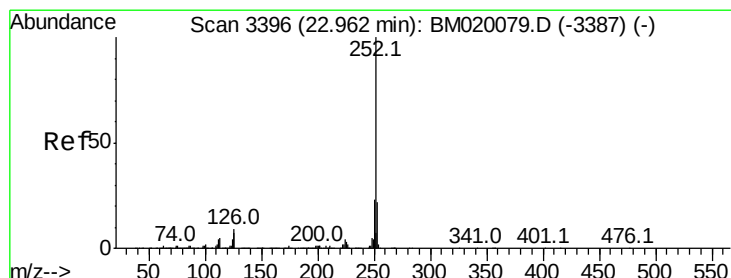
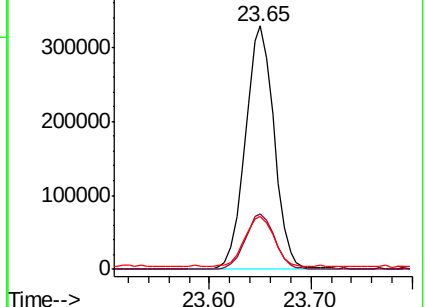
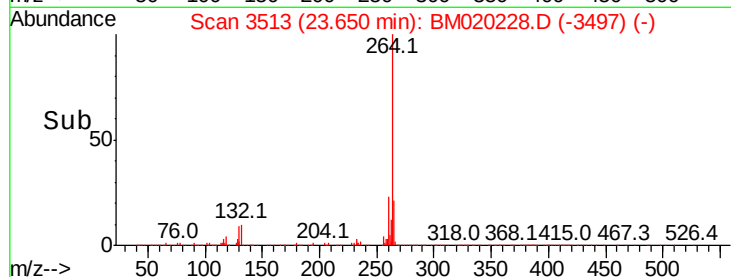
265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.167 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

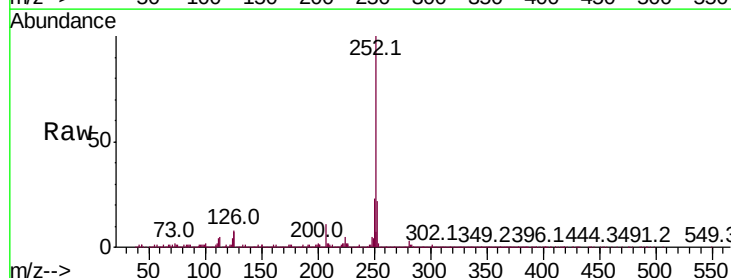
Tgt Ion:252 Resp: 1747559

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

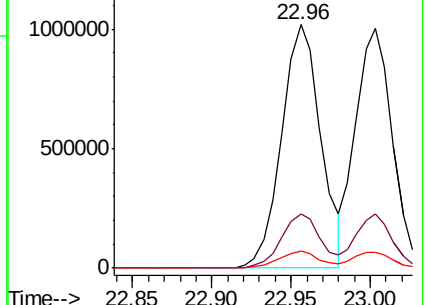
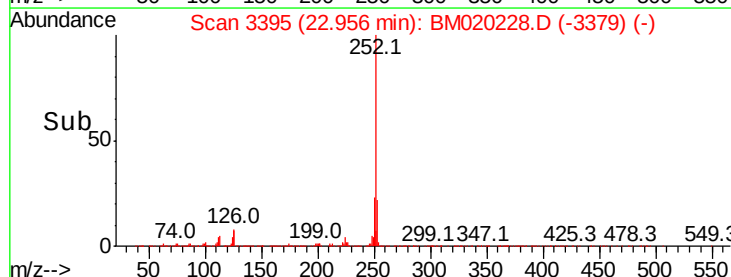
125 7.1 5.4 8.2

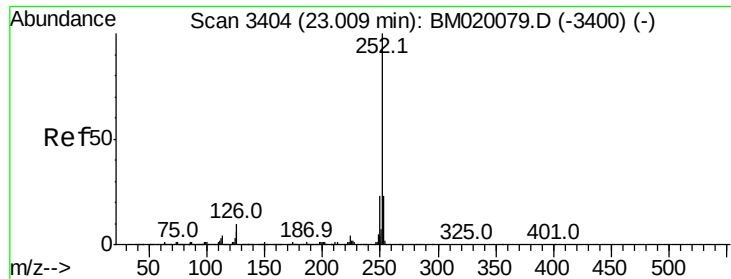


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

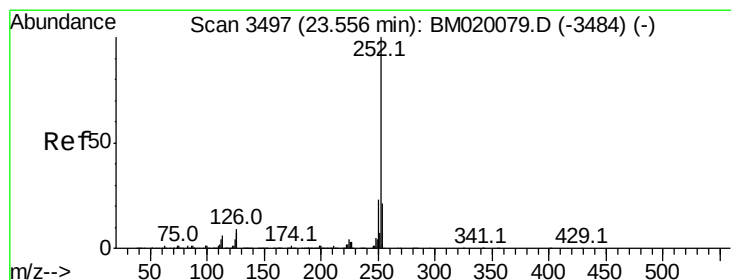
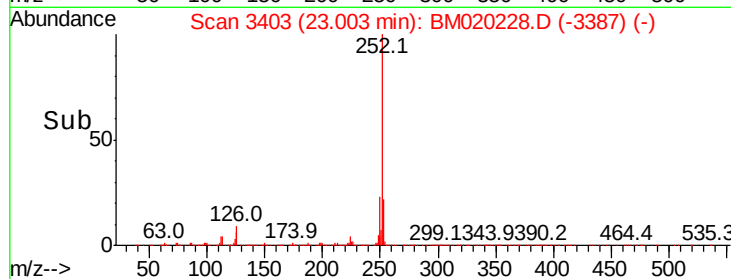
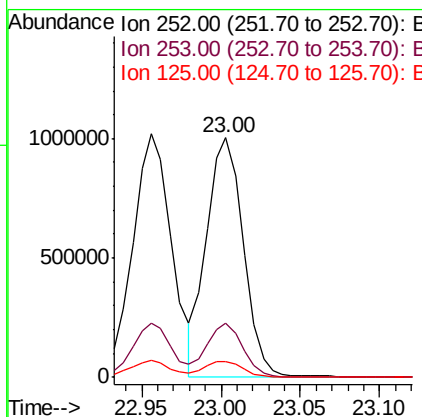
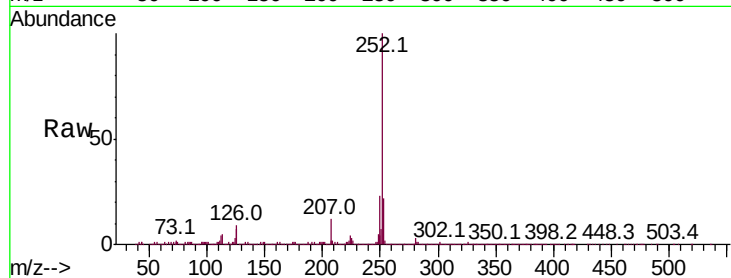




#89
Benzo(k)fluoranthene
Concen: 41.704 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

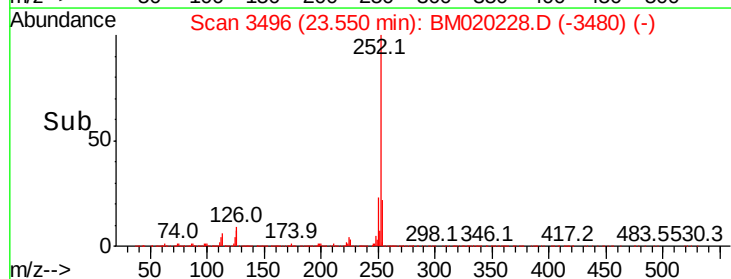
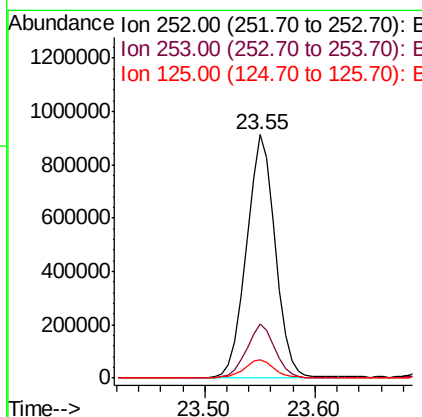
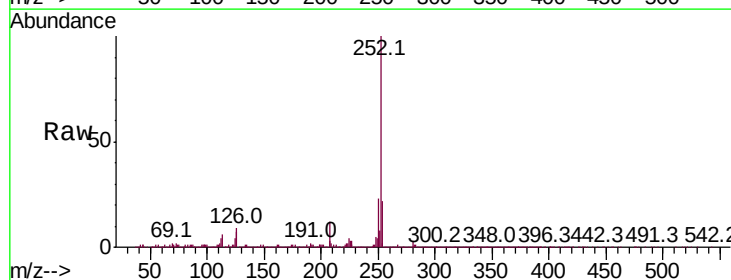
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

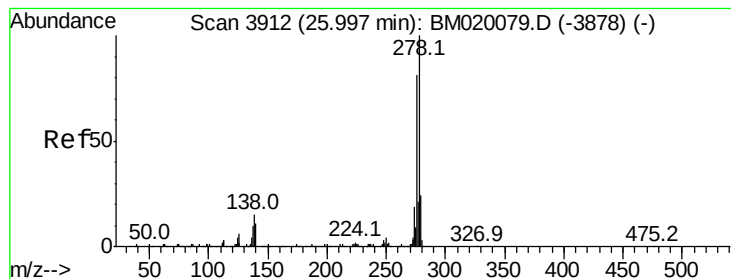
Tot Ion:252 Resp: 1614889
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.8 5.4 8.0



#90
Benzo(a)pyrene
Concen: 43.092 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020228.D
Acq: 09 May 2019 21:38

Tgt Ion:252 Resp: 1661562
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 7.4 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 44.900 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

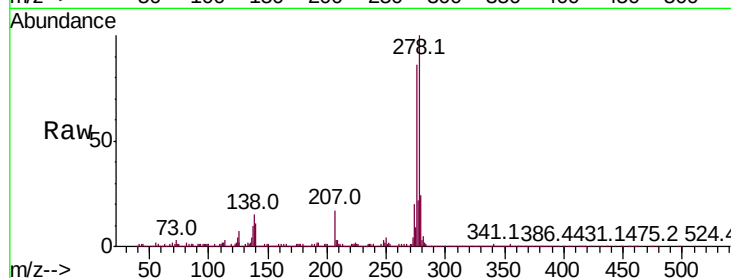
Tot Ion:278 Resp: 1800472

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.6	13.0
279	23.7	18.8	28.2

278 100

139 10.5 8.6 13.0

279 23.7 18.8 28.2

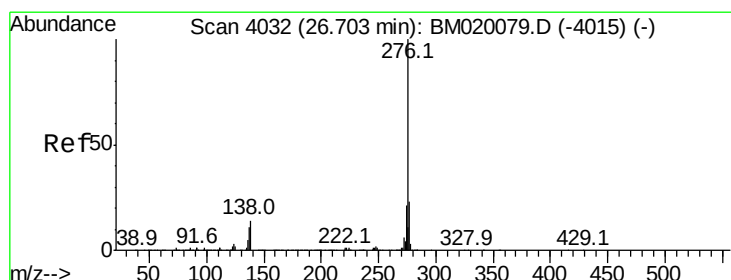
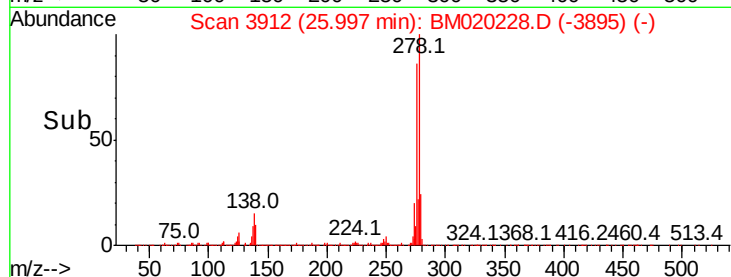
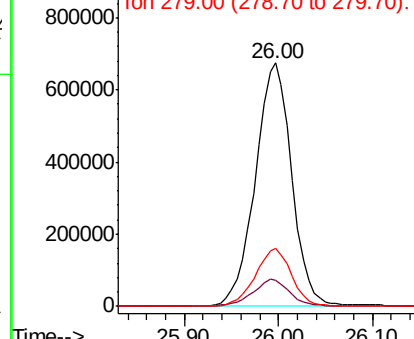


Abundance

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: 46.017 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM020228.D

Acq: 09 May 2019 21:38

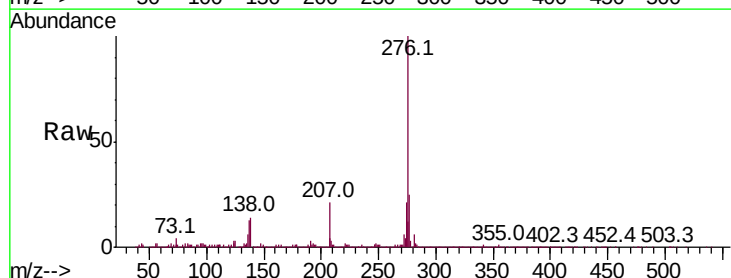
Tgt Ion:276 Resp: 1751880

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	13.7	11.1	16.7

276 100

277 24.8 18.4 27.6

138 13.7 11.1 16.7



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

