

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022499.D
 Acq On : 03 Sep 2019 12:51
 Operator : HP/JU
 Sample : K4619-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 02:01:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	19971	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	71015	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	41522	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	82607	20.00	ng	0.00
76) Chrysene-d12	21.15	240	92819	20.00	ng	0.00
87) Perylene-d12	23.34	264	101258	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	130894	115.05	ng	0.00
7) Phenol-d6	6.71	99	165910	109.05	ng	0.00
23) Nitrobenzene-d5	8.67	82	128333	79.15	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	83901	98.75	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	275717	75.22	ng	0.00
79) Terphenyl-d14	19.58	244	463485	65.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	18528	35.291	ng	89
3) Pyridine	3.53	79	21389	16.937	ng	90
4) n-Nitrosodimethylamine	3.45	42	37901	43.530	ng	96
6) Aniline	6.86	93	54204	27.955	ng	99
8) 2-Chlorophenol	7.07	128	51848	39.592	ng	98
9) Benzaldehyde	6.68	77	38605	40.727	ng	95
10) Phenol	6.73	94	59608	38.999	ng	98
11) bis(2-Chloroethyl)ether	6.96	93	42969	37.251	ng	98
12) 1,3-Dichlorobenzene	7.39	146	58101	36.566	ng	99
13) 1,4-Dichlorobenzene	7.53	146	60207	37.396	ng	96
14) 1,2-Dichlorobenzene	7.85	146	56992	35.311	ng	97
15) Benzyl Alcohol	7.77	79	51948	35.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	54857	36.698	ng	99
17) 2-Methylphenol	7.96	107	40200	36.166	ng	95
18) Hexachloroethane	8.54	117	29784	39.900	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	38505	32.609	ng	100
20) 3+4-Methylphenols	8.29	107	52595	34.844	ng	97
22) Acetophenone	8.34	105	77740	39.643	ng	# 99
24) Nitrobenzene	8.72	77	65751	42.126	ng	97
25) Isophorone	9.23	82	102780	40.372	ng	96
26) 2-Nitrophenol	9.42	139	26579	42.512	ng	96
27) 2,4-Dimethylphenol	9.48	122	43144	46.262	ng	96
28) bis(2-Chloroethoxy)methane	9.72	93	58957	40.023	ng	97
29) 2,4-Dichlorophenol	9.95	162	47725	39.112	ng	92
30) 1,2,4-Trichlorobenzene	10.14	180	60542	38.963	ng	93
31) Naphthalene	10.32	128	150685	40.794	ng	99
32) Benzoic acid	9.65	122	8628	11.746	ng	95
33) 4-Chloroaniline	10.49	127	19124	12.033	ng	96
34) Hexachlorobutadiene	10.57	225	63651	41.532	ng	97
35) Caprolactam	11.32	113	3230	10.414	ng	94
36) 4-Chloro-3-methylphenol	11.61	107	47249	36.739	ng	98
37) 2-Methylnaphthalene	11.95	142	105761	37.678	ng	99
38) 1-Methylnaphthalene	12.17	142	99791	36.833	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	90050	45.697	ng	99

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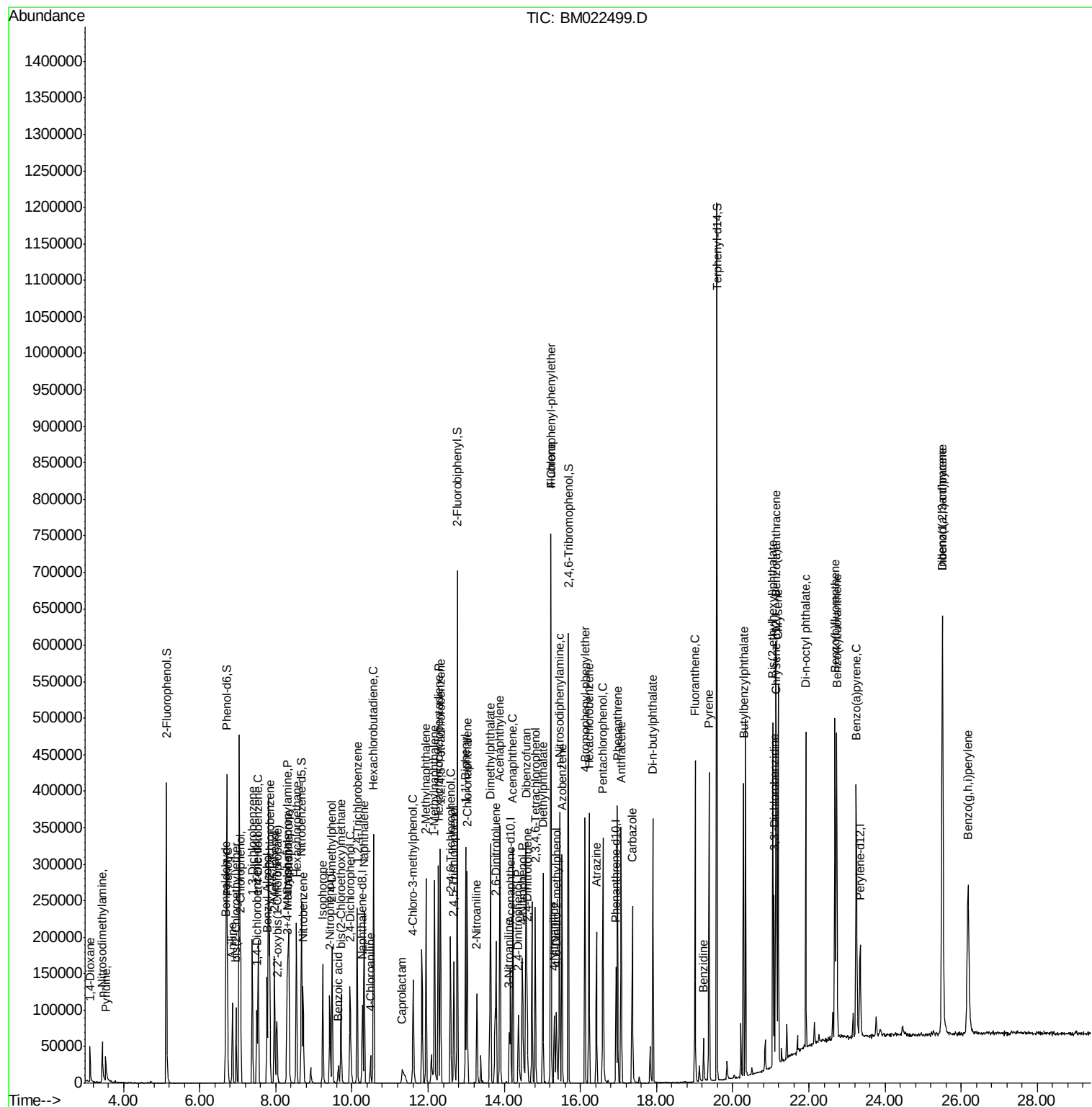
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	74604	90.728	ng	97
43) 2,4,6-Trichlorophenol	12.59	196	44792	42.111	ng	98
44) 2,4,5-Trichlorophenol	12.67	196	43537	41.279	ng	97
46) 1,1'-Biphenyl	12.99	154	139043	40.982	ng	99
47) 2-Chloronaphthalene	13.03	162	110281	40.937	ng	98
48) 2-Nitroaniline	13.28	65	34632	39.915	ng	98
49) Acenaphthylene	13.89	152	165868	40.796	ng	98
50) Dimethylphthalate	13.64	163	171675	47.537	ng	98
51) 2,6-Dinitrotoluene	13.79	165	28454	40.109	ng	98
52) Acenaphthene	14.23	154	96663	39.642	ng	99
53) 3-Nitroaniline	14.13	138	15836	23.248	ng	94
54) 2,4-Dinitrophenol	14.37	184	22116	54.766	ng	# 81
55) Dibenzofuran	14.57	168	161557	39.329	ng	97
56) 4-Nitrophenol	14.47	139	29998	66.565	ng	94
57) 2,4-Dinitrotoluene	14.60	165	36195	35.488	ng	# 98
58) Fluorene	15.23	166	131300	35.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	47284	39.781	ng	98
60) Diethylphthalate	15.02	149	146520	38.842	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	94384	37.401	ng	97
62) 4-Nitroaniline	15.32	138	20963	32.881	ng	95
63) Azobenzene	15.52	77	163059	43.304	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	21692	44.006	ng	88
66) n-Nitrosodiphenylamine	15.45	169	107619	43.151	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	56288	43.308	ng	94
68) Hexachlorobenzene	16.23	284	58492	39.730	ng	98
69) Atrazine	16.42	200	43339	40.815	ng	99
70) Pentachlorophenol	16.59	266	57904	87.931	ng	99
71) Phenanthrene	16.97	178	188456	39.138	ng	99
72) Anthracene	17.07	178	188002	39.683	ng	97
73) Carbazole	17.36	167	151197	38.610	ng	97
74) Di-n-butylphthalate	17.90	149	227292	42.805	ng	99
75) Fluoranthene	19.01	202	248221	38.710	ng	99
77) Benzidine	19.23	184	44271	28.325	ng	99
78) Pyrene	19.37	202	256961	40.622	ng	98
80) Butylbenzylphthalate	20.29	149	97406	44.124	ng	95
81) Benzo(a)anthracene	21.14	228	266679	40.029	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	69676	33.715	ng	99
83) Chrysene	21.19	228	257606	40.624	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	146969	49.031	ng	99
85) Di-n-octyl phthalate	21.92	149	248528	51.625	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	370830	58.138	ng	99
88) Benzo(b)fluoranthene	22.69	252	265164	37.695	ng	98
89) Benzo(k)fluoranthene	22.73	252	276051	39.558	ng	97
90) Benzo(a)pyrene	23.24	252	267463	42.837	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	310549	49.879	ng	98
92) Benzo(g,h,i)perylene	26.18	276	286787	52.852	ng	97

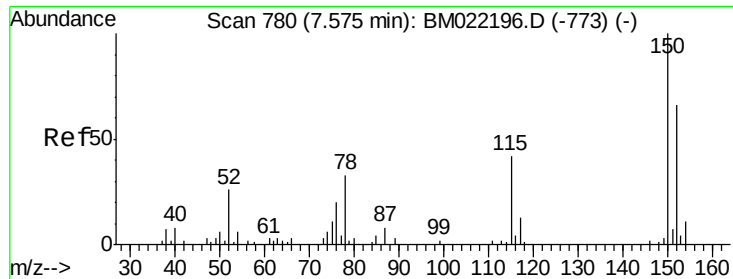
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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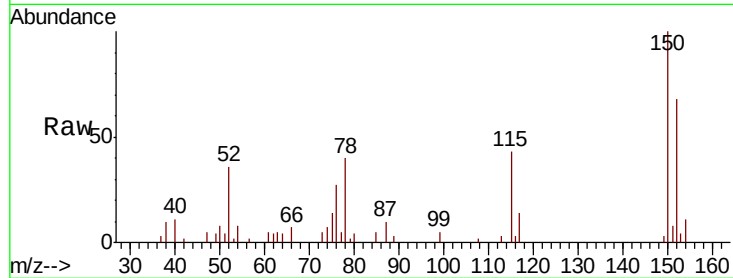


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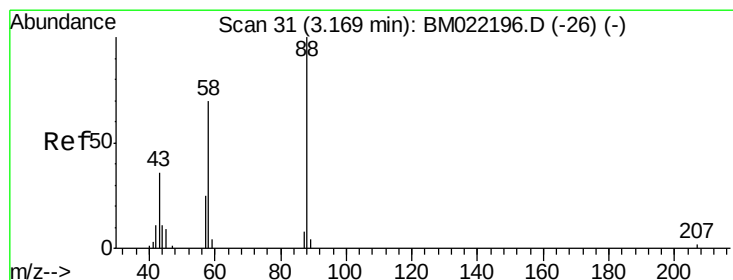
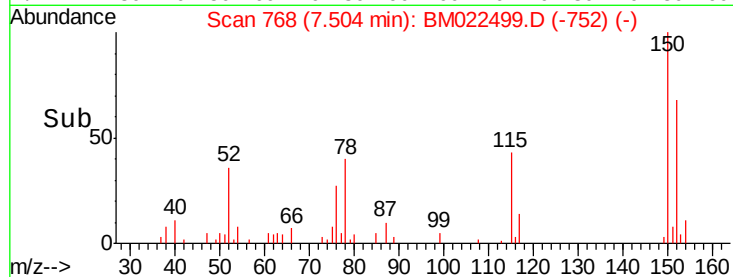
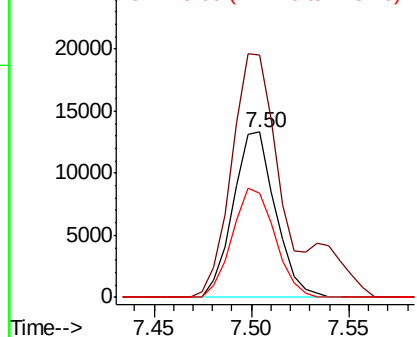
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 19971
Ion Ratio Lower Upper
152 100
150 146.7 125.4 188.0
115 63.4 50.3 75.5



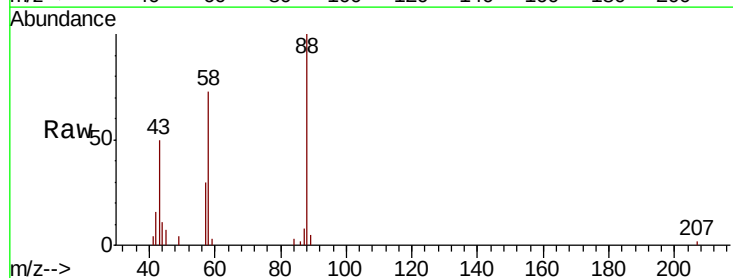
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



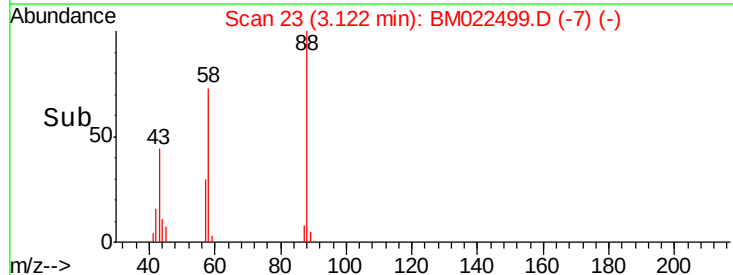
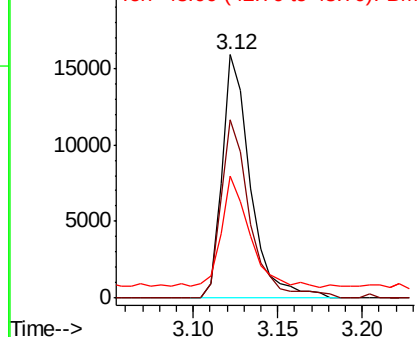
#2

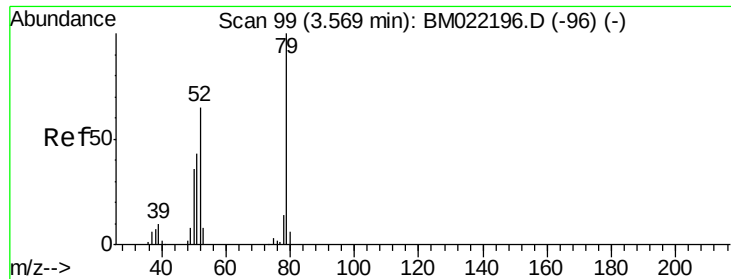
1,4-Dioxane
Concen: 35.291 ng
RT: 3.12 min Scan# 23
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion: 88 Resp: 18528
Ion Ratio Lower Upper
88 100
58 75.8 53.8 80.8
43 45.8 30.6 46.0



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

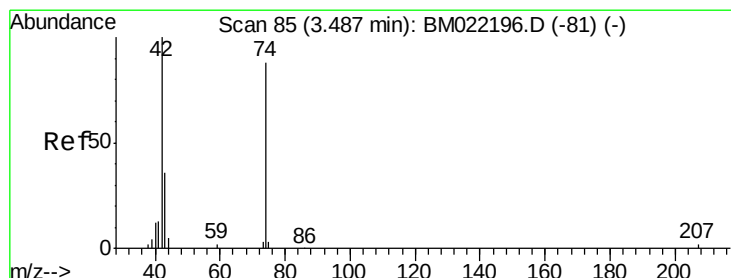
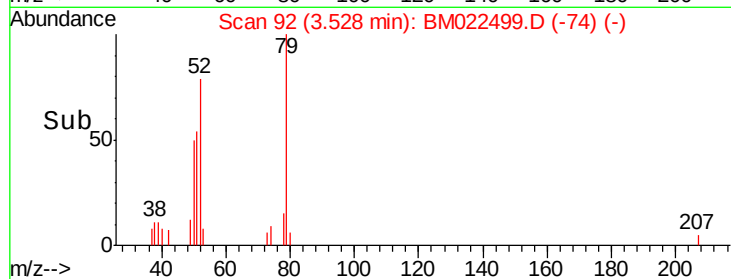
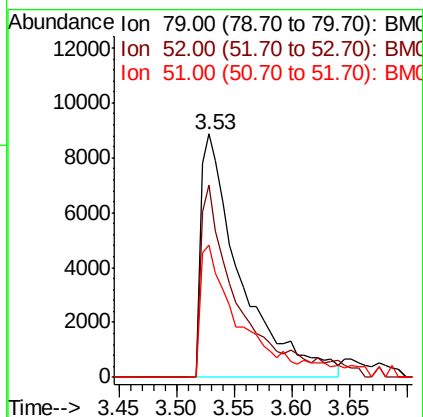
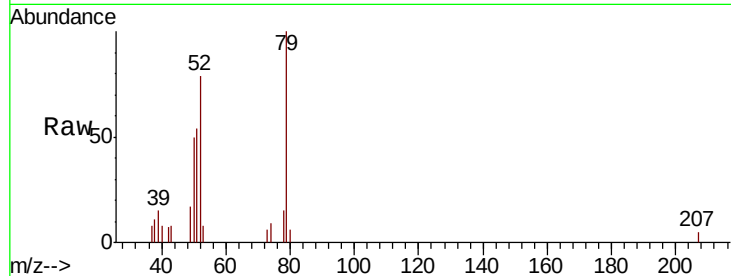




#3
 Pvridine
 Concen: 16.937 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

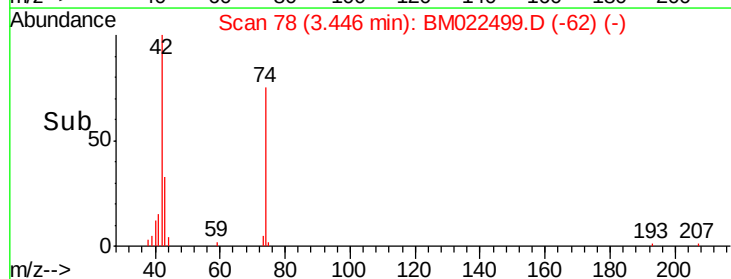
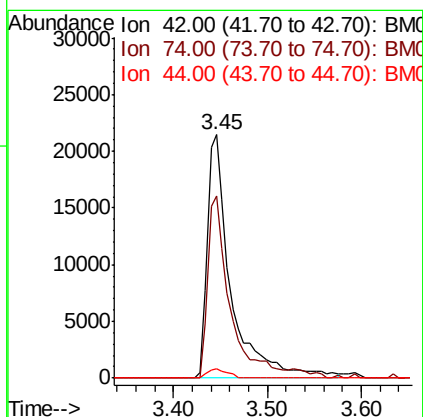
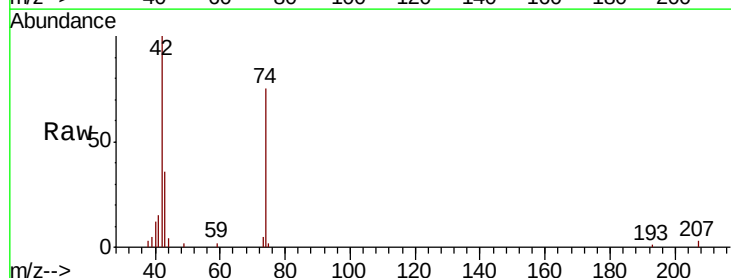
Instrument :
 BNA_M
 ClientSampled :

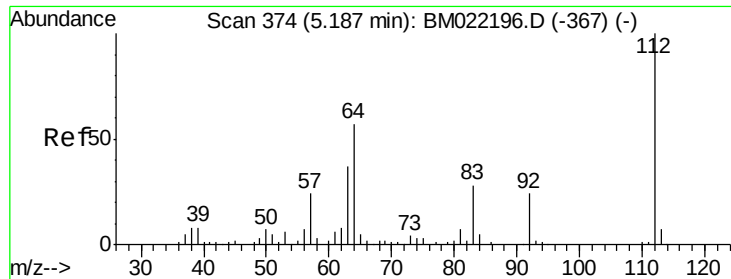
Tot Ion: 79 Resp: 21389
 Ion Ratio Lower Upper
 79 100
 52 79.1 54.8 82.2
 51 54.4 40.2 60.4



#4
 n-Nitrosodimethylamine
 Concen: 43.530 ng
 RT: 3.45 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion: 42 Resp: 37901
 Ion Ratio Lower Upper
 42 100
 74 74.8 63.0 94.6
 44 4.1 3.0 4.6





#5

2-Fluorophenol

Concen: 115.048 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

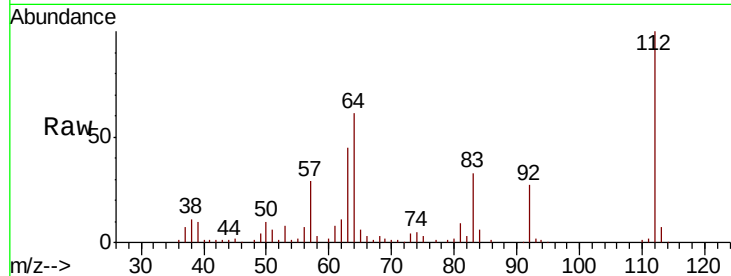
Tot Ion:112 Resp: 130894

Ion Ratio Lower Upper

112 100

64 60.6 45.4 68.2

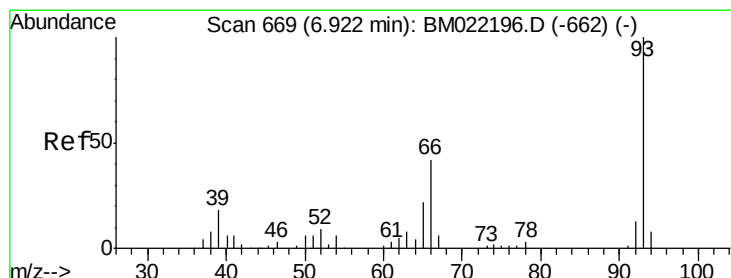
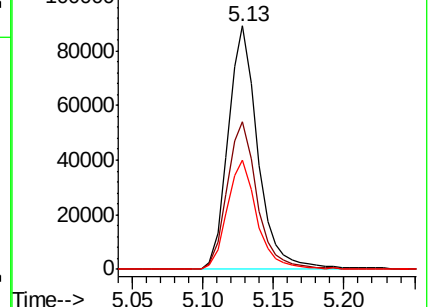
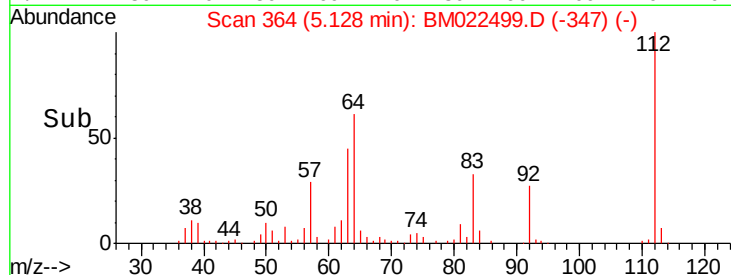
63 44.9 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.955 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

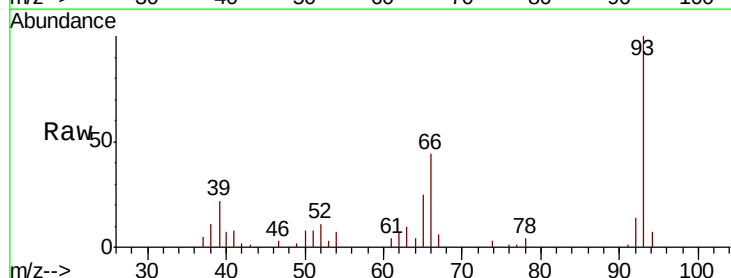
Tgt Ion: 93 Resp: 54204

Ion Ratio Lower Upper

93 100

66 43.8 34.7 52.1

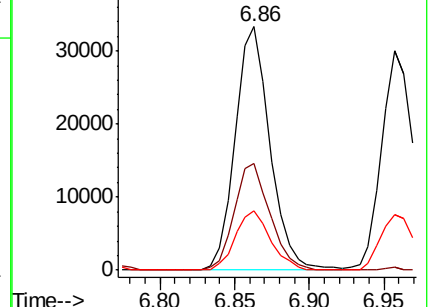
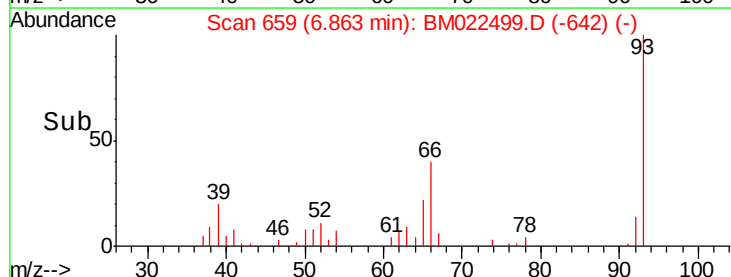
65 24.6 18.8 28.2

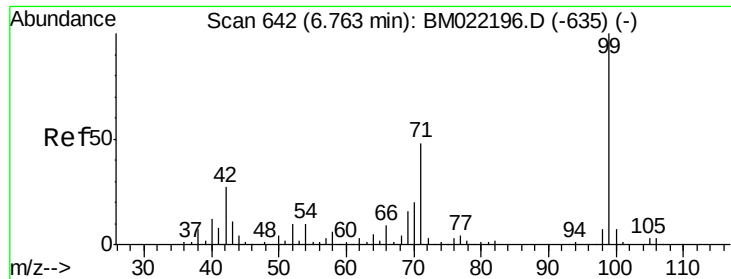


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.047 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

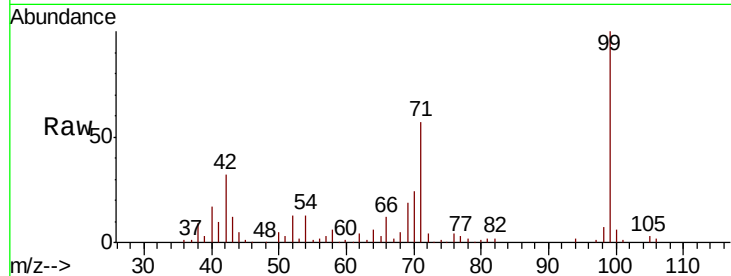
Tot Ion: 99 Resp: 165910

Ion Ratio Lower Upper

99 100

42 32.5 26.3 39.5

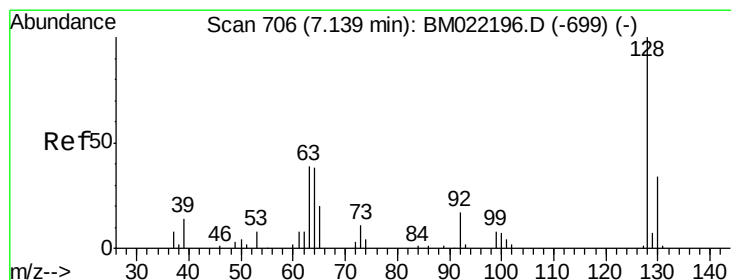
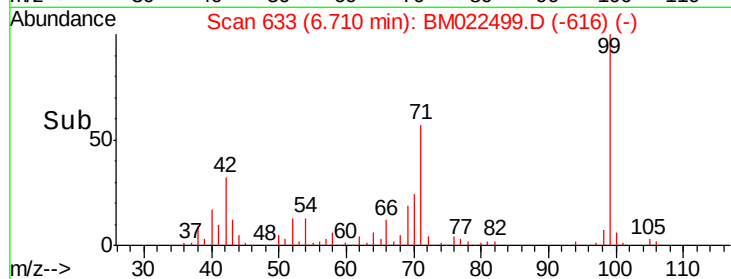
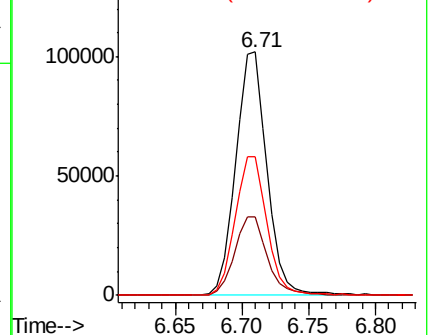
71 57.1 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#8

2-Chlorophenol

Concen: 39.592 ng

RT: 7.07 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

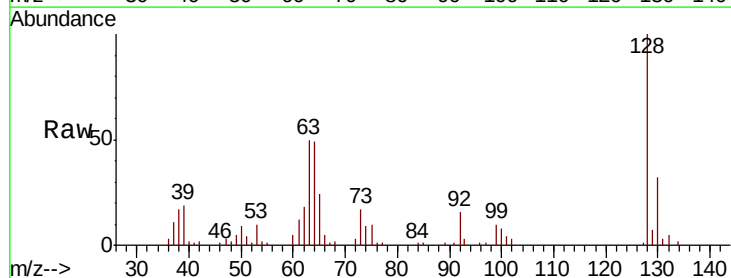
Tgt Ion: 128 Resp: 51848

Ion Ratio Lower Upper

128 100

130 32.0 11.5 51.5

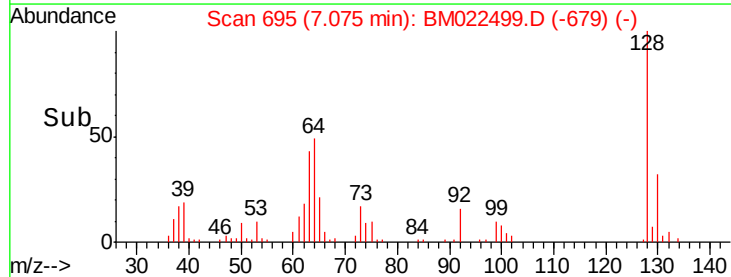
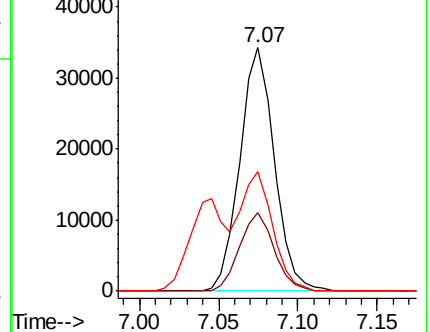
64 49.0 26.7 66.7

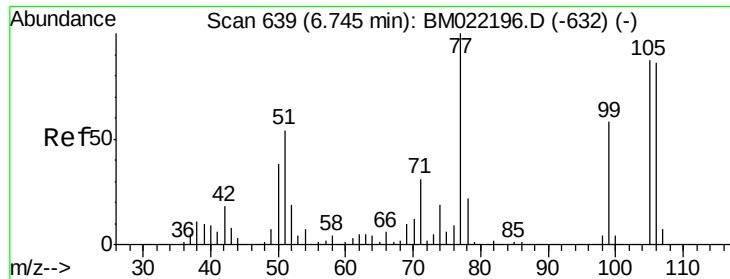


Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM022196.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM022196.D (-699) (-)





#9

Benzaldehyde

Concen: 40.727 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

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Instrument :

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ClientSampled :

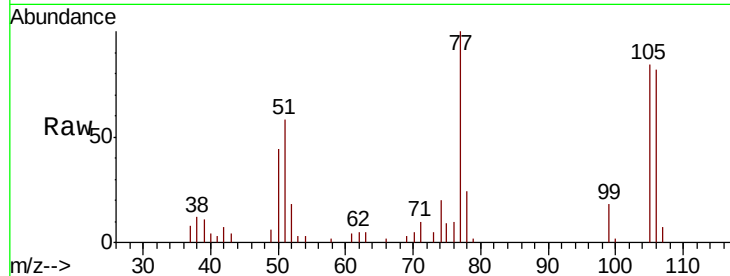
Tot Ion: 77 Resp: 38605

Ion Ratio Lower Upper

77 100

105 84.5 60.1 100.1

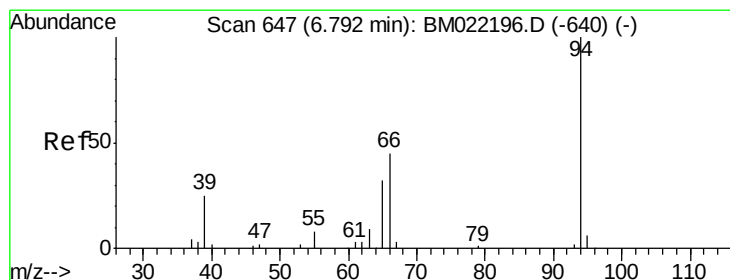
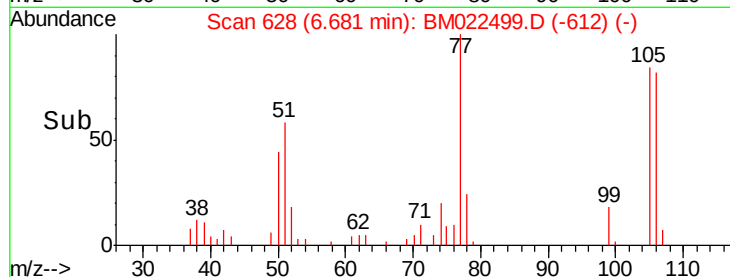
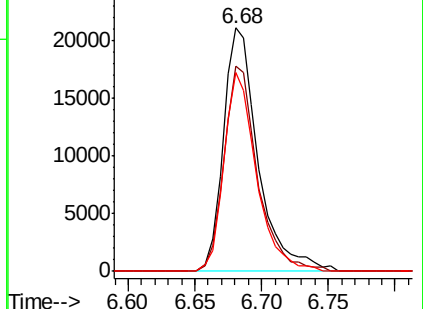
106 81.9 57.4 97.4



Abundance Ion 77.00 (76.70 to 77.70): BM022196.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM022196.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM022196.D (-632) (-)



#10

Phenol

Concen: 38.999 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

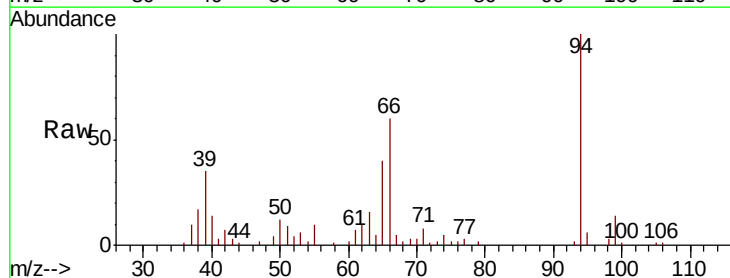
Tgt Ion: 94 Resp: 59608

Ion Ratio Lower Upper

94 100

65 40.2 17.7 57.7

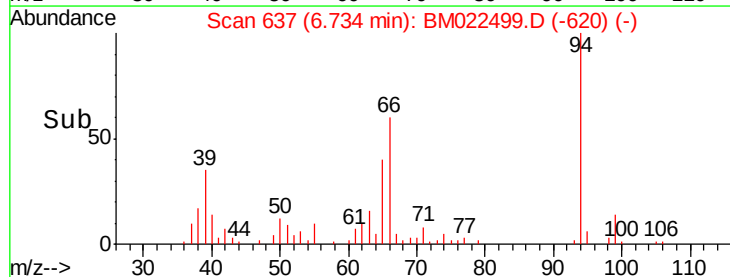
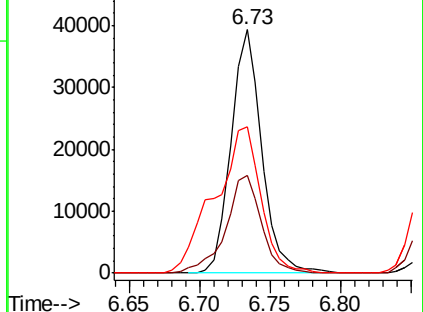
66 60.0 39.6 79.6

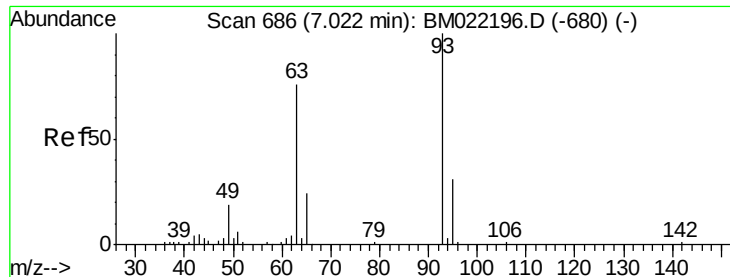


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

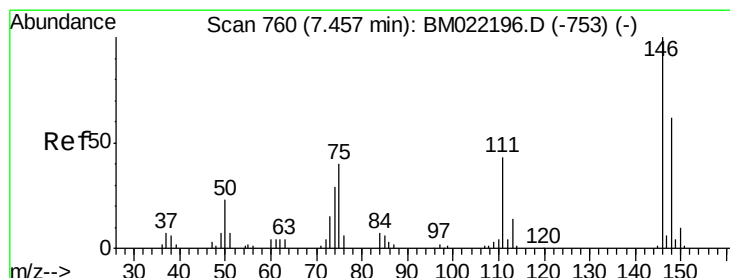
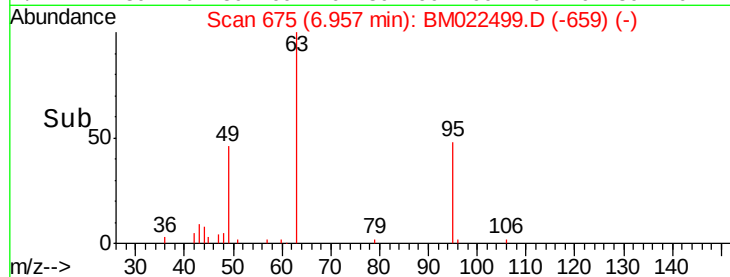
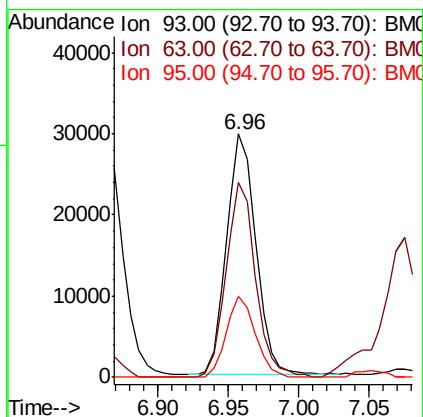
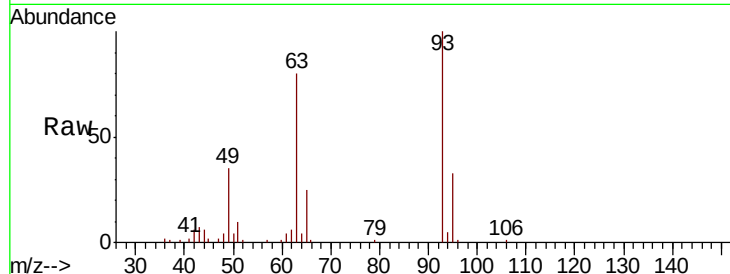




#11
 bis(2-Chloroethyl)ether
 Concen: 37.251 ng
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

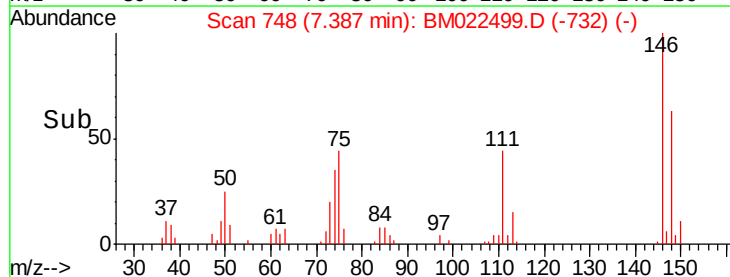
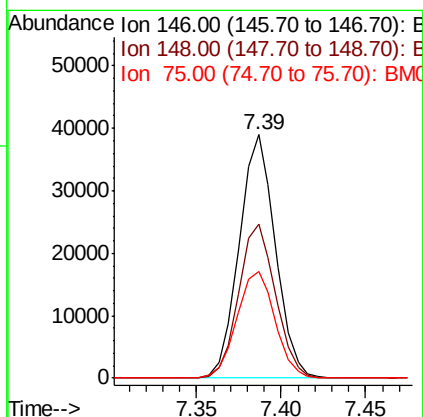
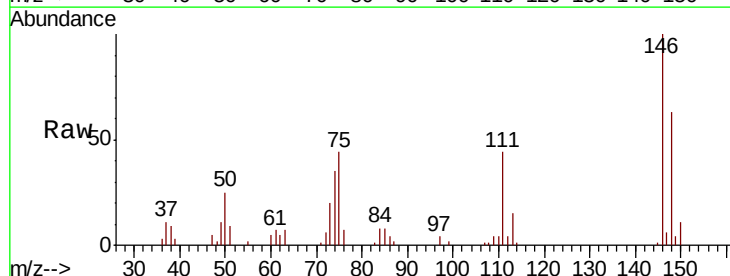
Instrument :
 BNA_M
 ClientSampleId :

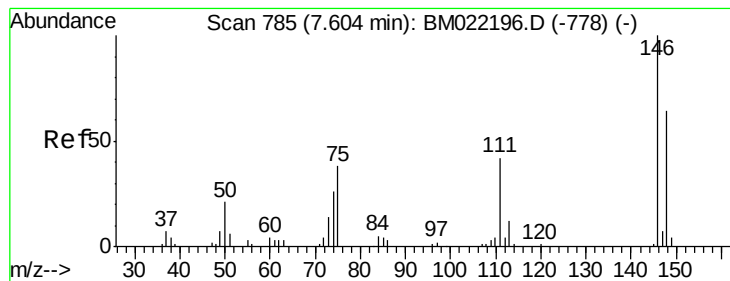
Tot Ion: 93 Resp: 42969
 Ion Ratio Lower Upper
 93 100
 63 80.2 59.1 99.1
 95 33.4 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 36.566 ng
 RT: 7.39 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion: 146 Resp: 58101
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.5 77.3
 75 44.1 34.6 52.0





#13

1,4-Dichlorobenzene

Concen: 37.396 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

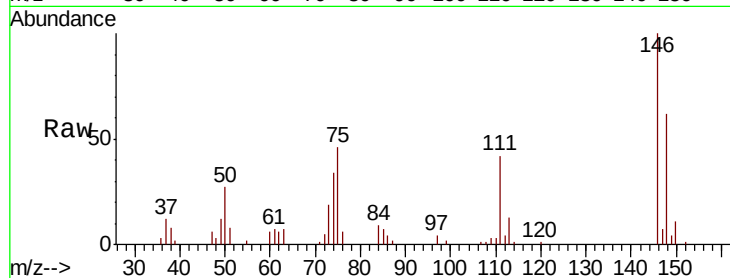
Tot Ion:146 Resp: 60207

Ion Ratio Lower Upper

146 100

148 62.0 53.4 80.0

111 42.4 33.5 50.3

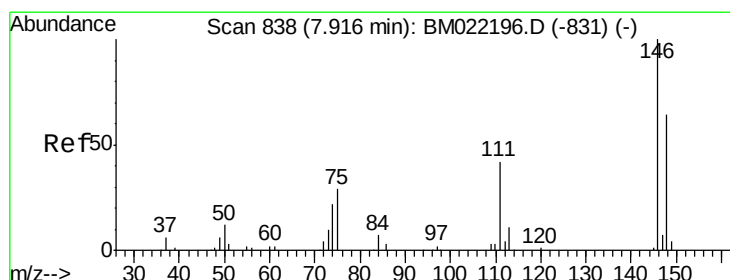
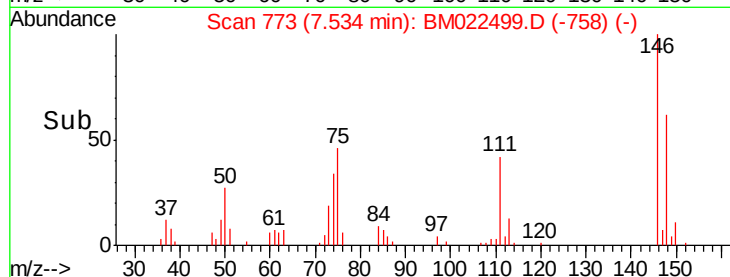
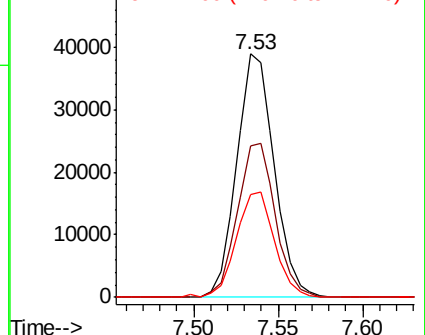


Abundance

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: 35.311 ng

RT: 7.85 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

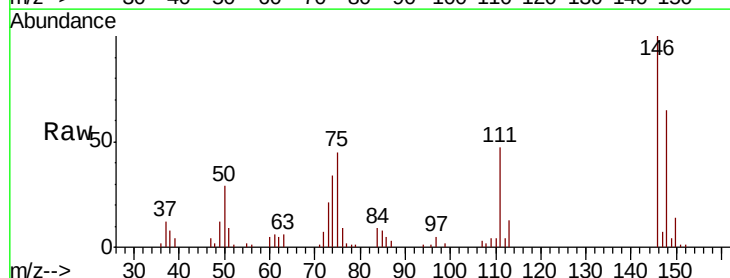
Tgt Ion:146 Resp: 56992

Ion Ratio Lower Upper

146 100

148 65.5 54.7 82.1

111 47.1 36.7 55.1

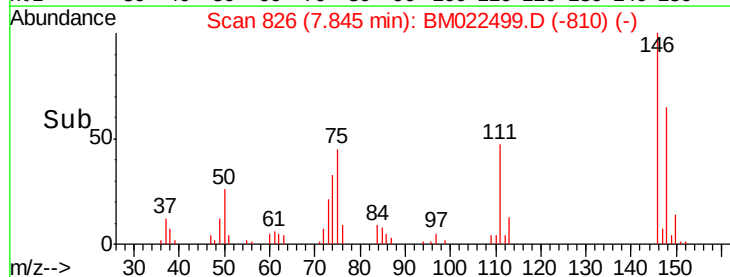
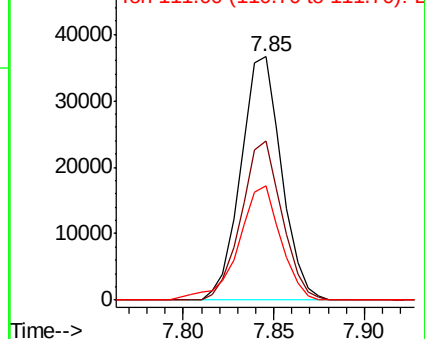


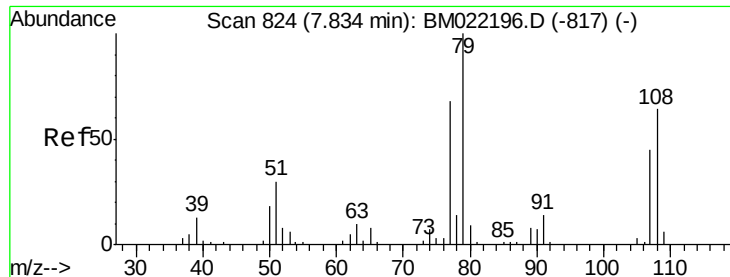
Abundance

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: 35.990 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

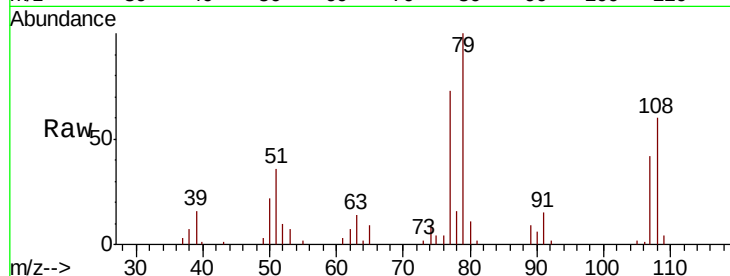
Tot Ion: 79 Resp: 51948

Ion Ratio Lower Upper

79 100

108 60.5 48.2 72.4

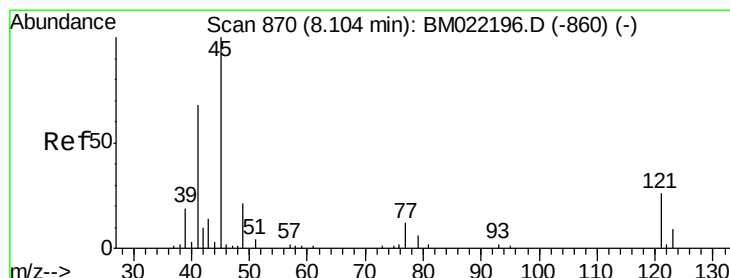
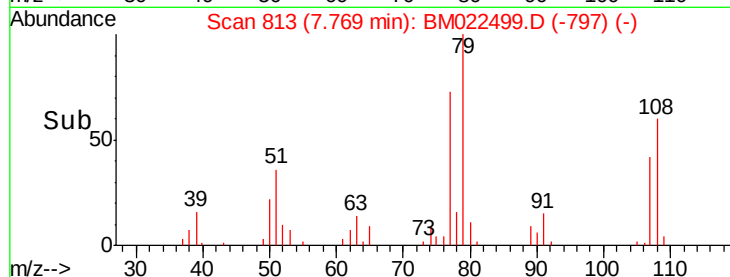
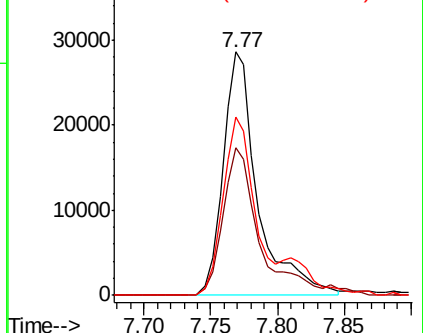
77 73.1 56.6 85.0



Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.698 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

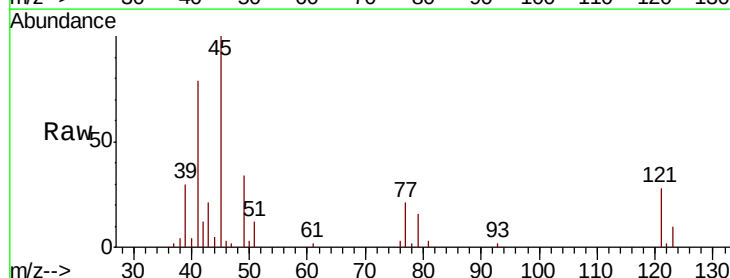
Tgt Ion: 45 Resp: 54857

Ion Ratio Lower Upper

45 100

77 20.8 0.4 40.4

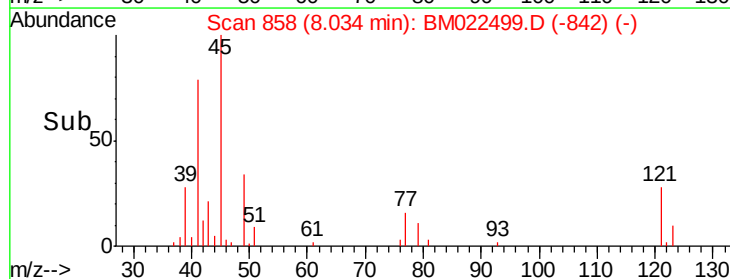
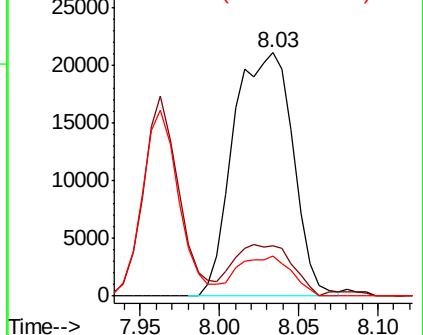
79 16.2 0.0 35.6

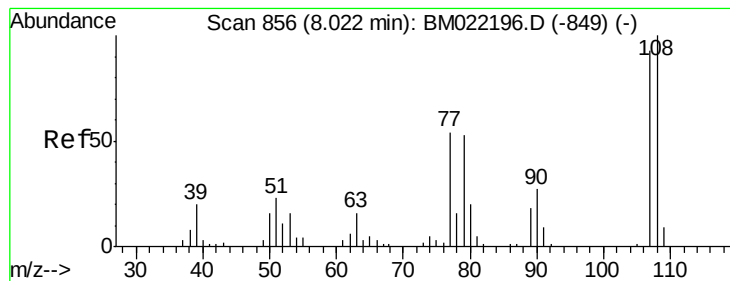


Abundance Ion 45.00 (44.70 to 45.70): BM022196.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM022196.D (-860) (-)





#17

2-Methylphenol

Concen: 36.166 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 40200

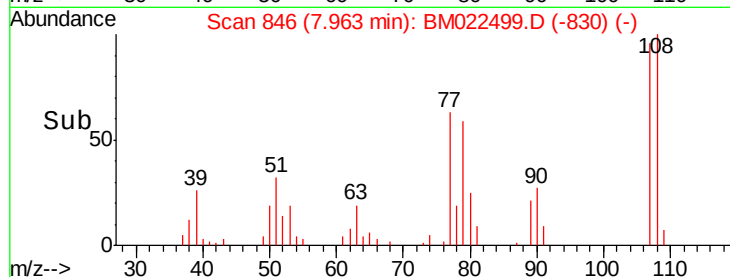
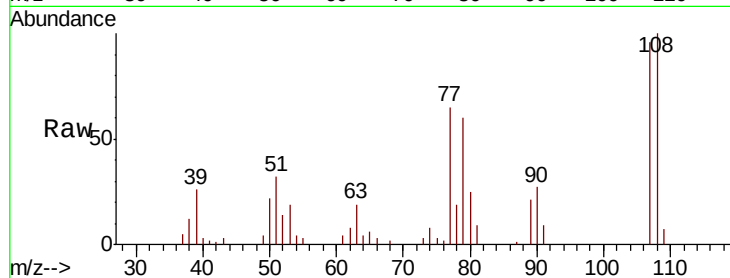
Ion Ratio Lower Upper

107 100

108 103.8 89.6 134.4

77 67.4 55.3 82.9

79 62.5 53.1 79.7



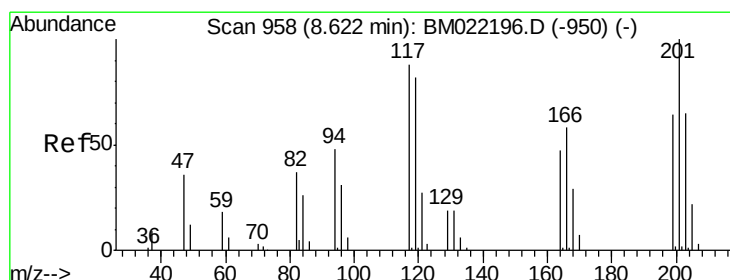
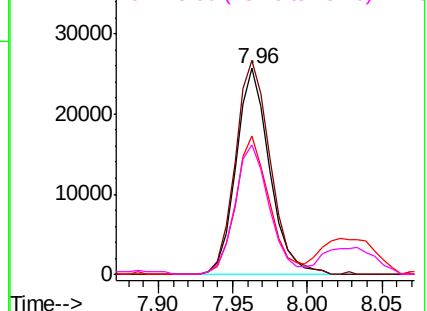
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.900 ng

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

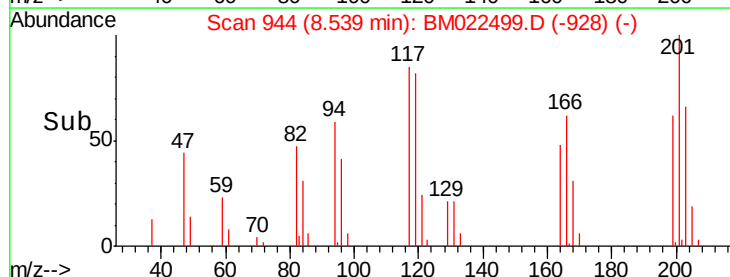
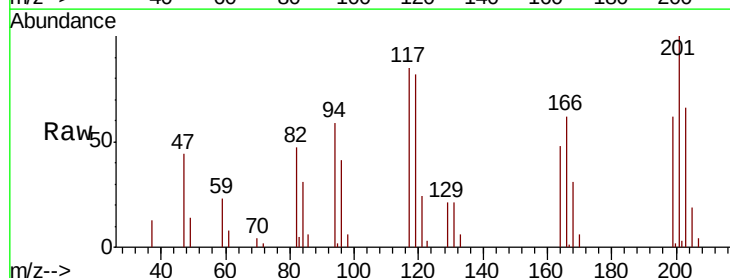
Tgt Ion:117 Resp: 29784

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

201 117.8 99.6 149.4

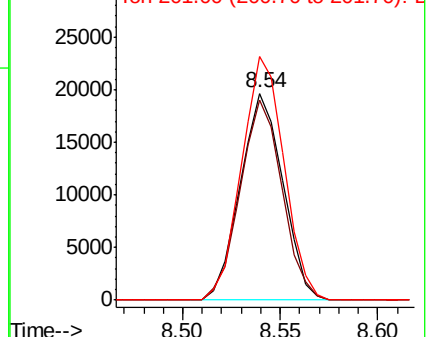


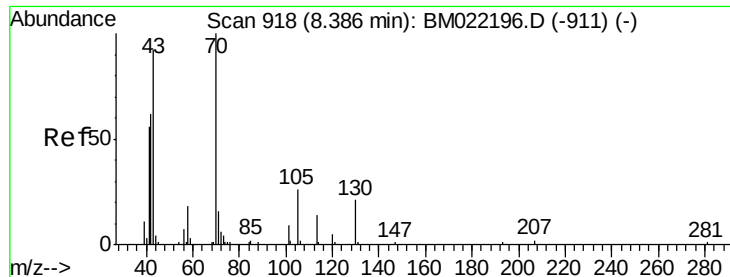
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

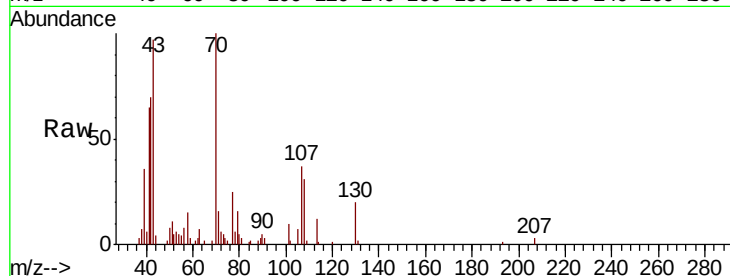




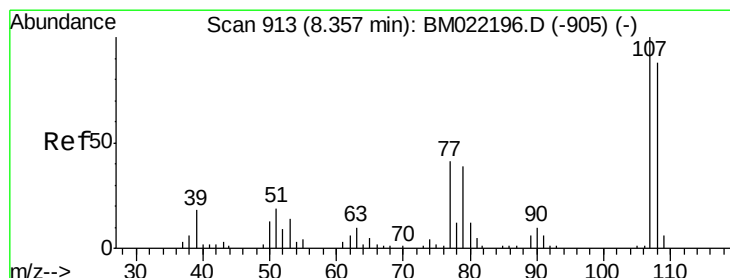
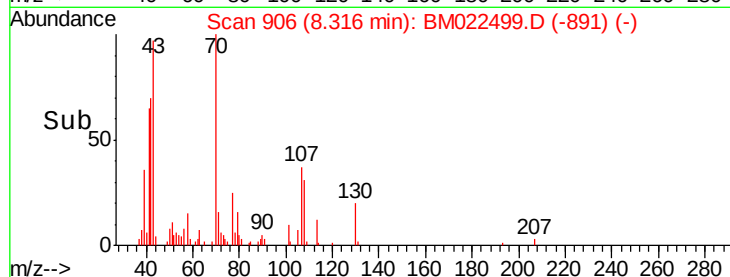
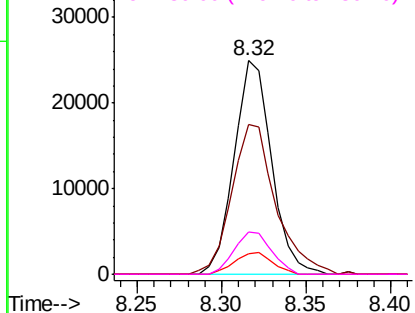
#19
n-Nitroso-di-n-propylamine
Concen: 32.609 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	38505
Ion	Ratio	Lower	Upper
70	100		
42	70.2	56.2	84.4
101	9.7	7.6	11.4
130	19.7	15.1	22.7

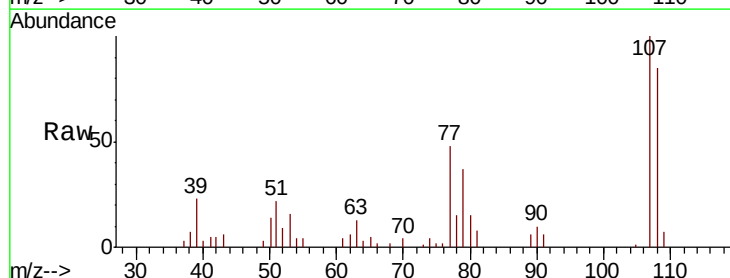


Abundance Ion 70.00 (69.70 to 70.70): BM022499.D (-911) (-)
Ion 42.00 (41.70 to 42.70): BM022499.D (-911) (-)
Ion 101.00 (100.70 to 101.70): BM022499.D (-911) (-)
Ion 130.00 (129.70 to 130.70): BM022499.D (-911) (-)

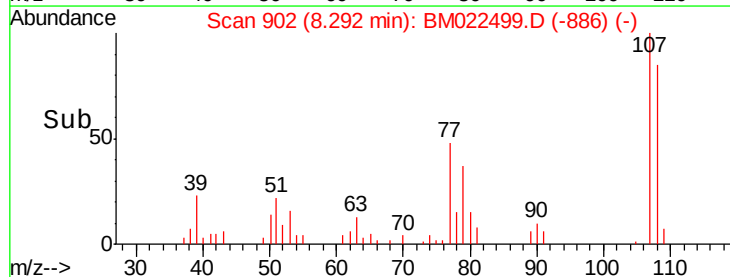
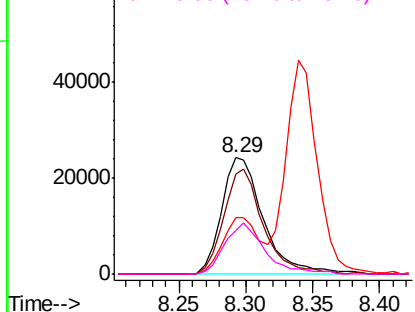


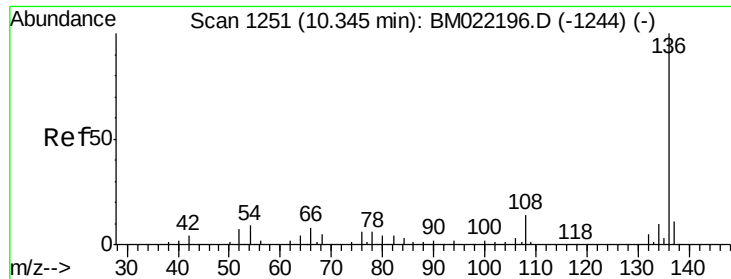
#20
3+4-Methylphenols
Concen: 34.844 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:	107	Resp:	52595
Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.5	108.5
77	48.4	29.0	69.0
79	37.2	21.4	61.4



Abundance Ion 107.00 (106.70 to 107.70): BM022499.D (-905) (-)
Ion 108.00 (107.70 to 108.70): BM022499.D (-905) (-)
Ion 77.00 (76.70 to 77.70): BM022499.D (-905) (-)
Ion 79.00 (78.70 to 79.70): BM022499.D (-905) (-)

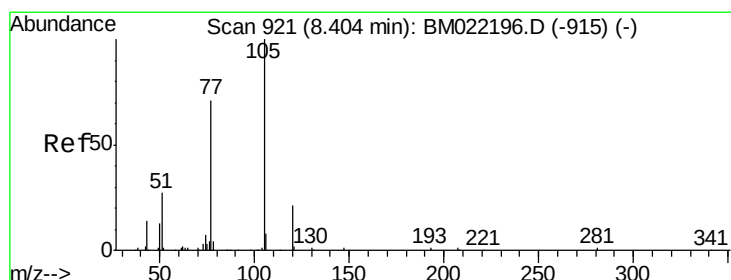
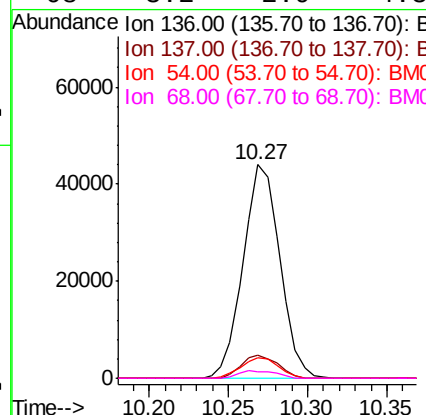
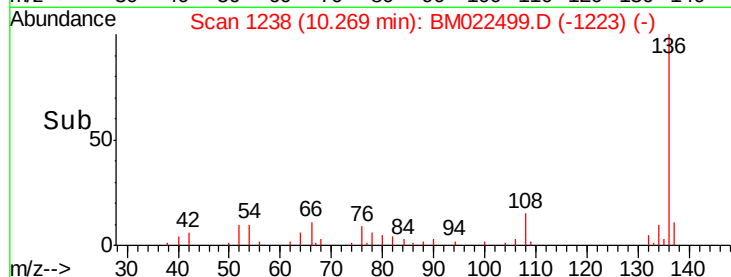
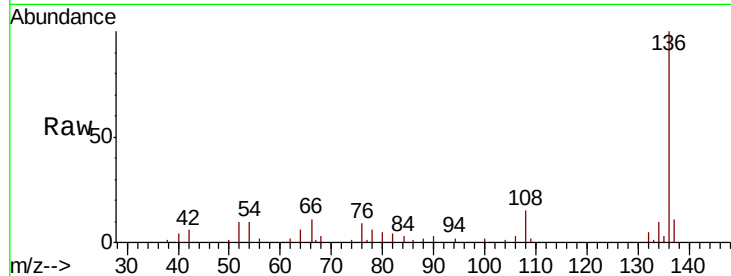




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

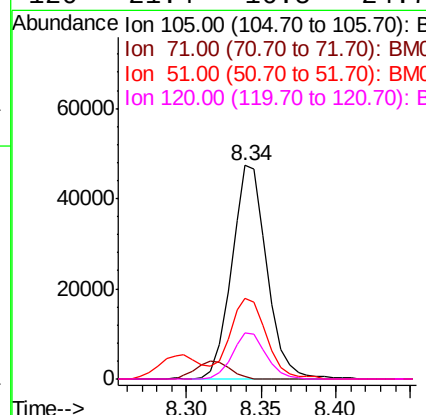
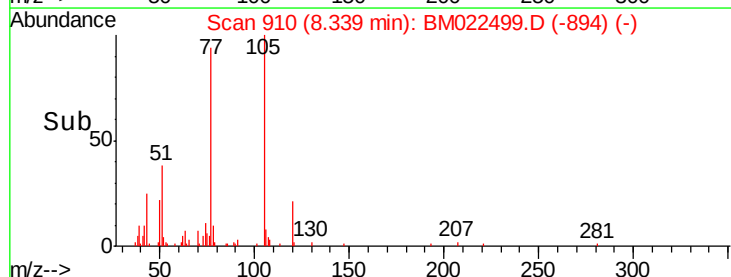
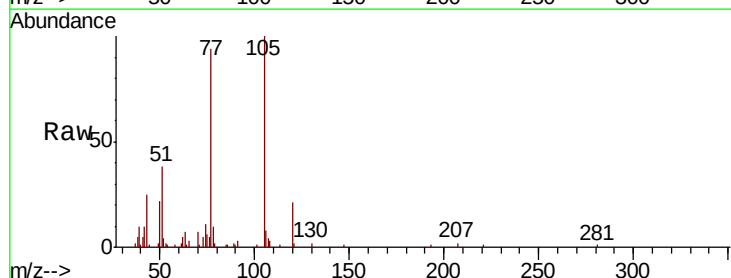
Instrument :
BNA_M
ClientSampleId :

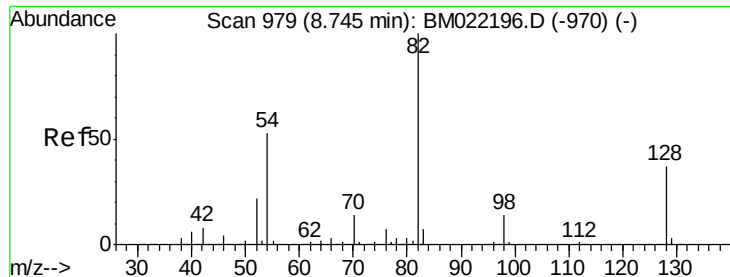
Tot Ion:136	Resp:	71015
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	9.8	7.0 10.6
68	3.2	2.9 4.3



#22
Acetophenone
Concen: 39.643 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:105	Resp:	77740
Ion Ratio	Lower	Upper
105	100	
71	1.4	0.6 1.0#
51	37.8	30.6 46.0
120	21.4	16.5 24.7

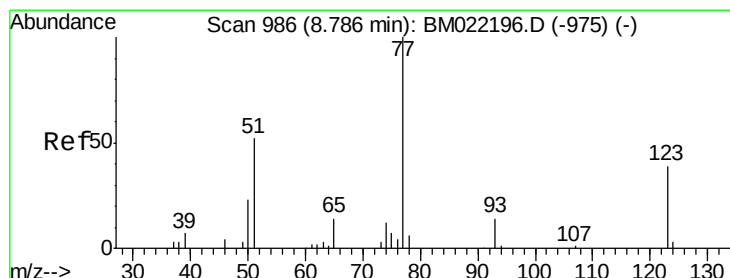
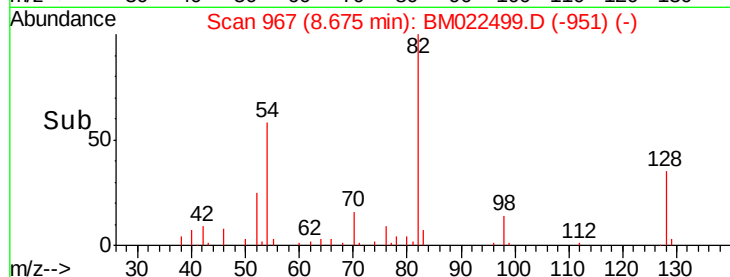
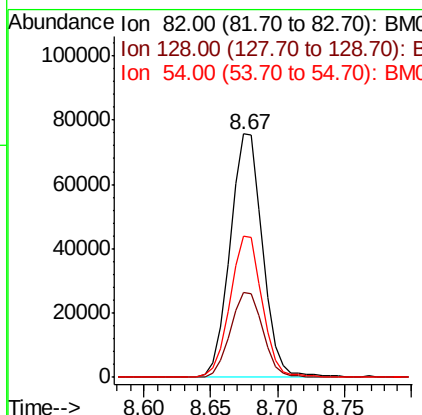
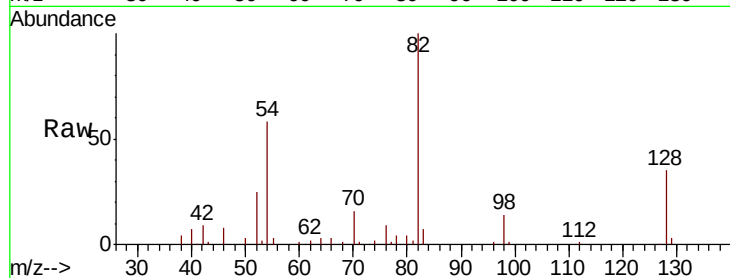




#23
 Nitrobenzene-d5
 Concen: 79.153 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

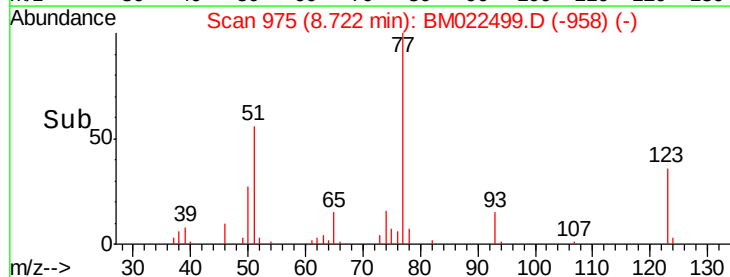
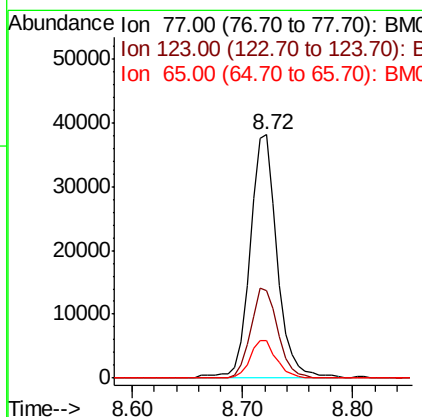
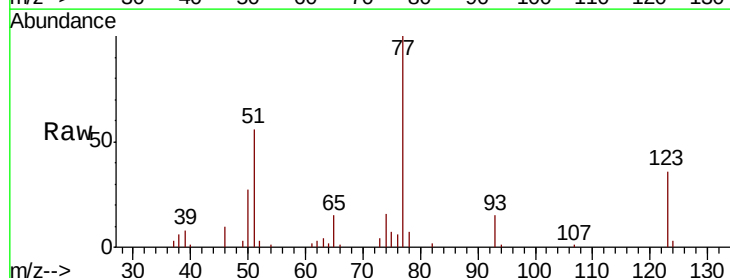
Instrument :
 BNA_M
 ClientSampled :

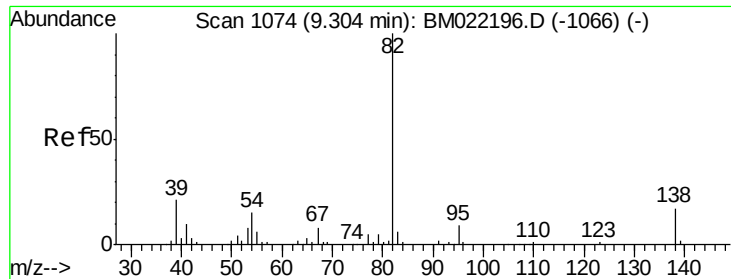
Tot Ion	82	Resp	128333
Ion Ratio	100	Lower	Upper
128	34.8	27.9	41.9
54	58.0	45.2	67.8



#24
 Nitrobenzene
 Concen: 42.126 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	77	Resp	65751
Ion Ratio	100	Lower	Upper
123	36.0	30.0	45.0
65	15.5	11.5	17.3

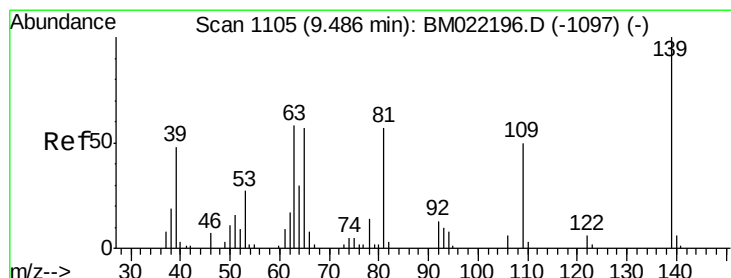
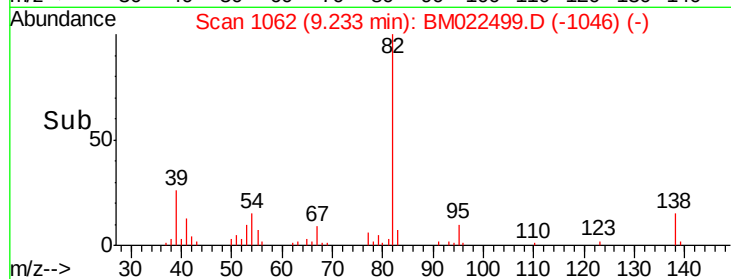
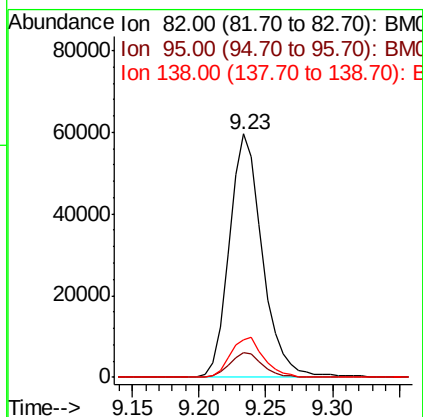
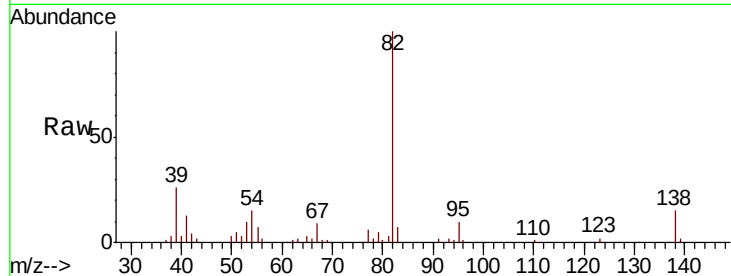




#25
Isophorone
Concen: 40.372 ng
RT: 9.23 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

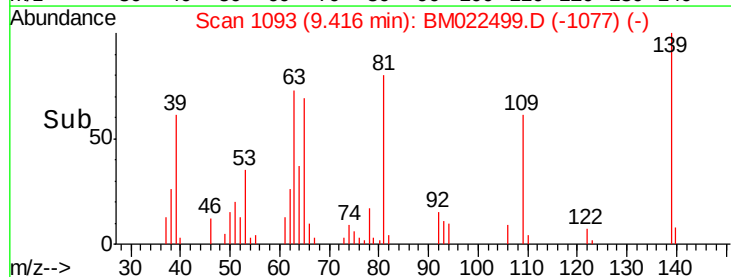
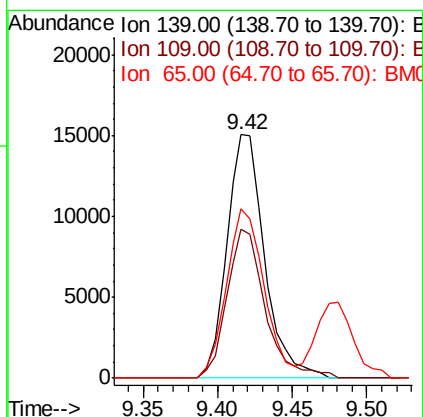
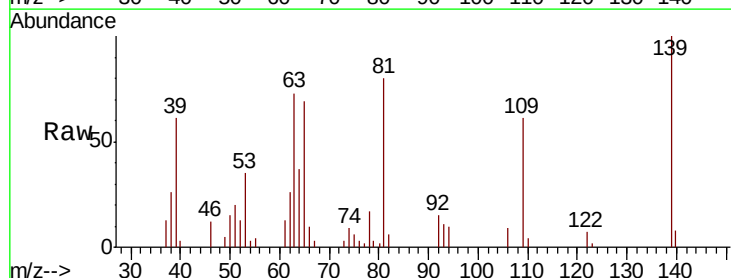
Instrument :
BNA_M
ClientSampleId :

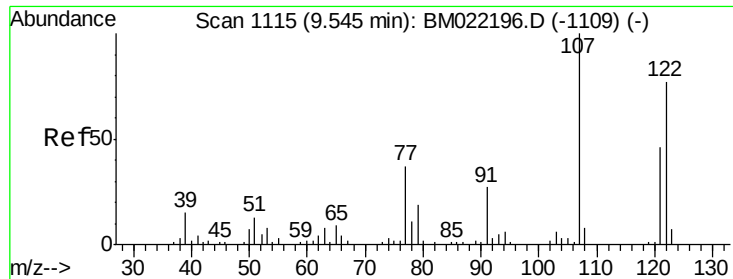
Tot Ion: 82 Resp: 102780
Ion Ratio Lower Upper
82 100
95 10.2 8.6 13.0
138 15.4 14.4 21.6



#26
2-Nitrophenol
Concen: 42.512 ng
RT: 9.42 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion: 139 Resp: 26579
Ion Ratio Lower Upper
139 100
109 60.9 47.0 70.4
65 69.4 52.3 78.5

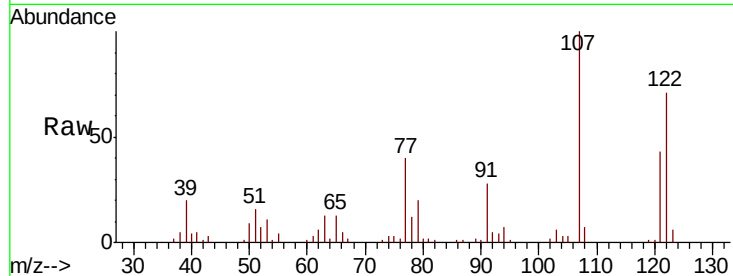




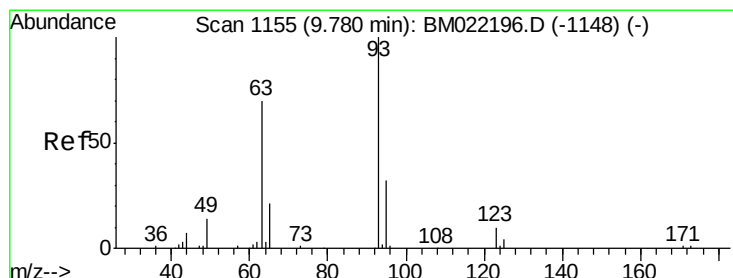
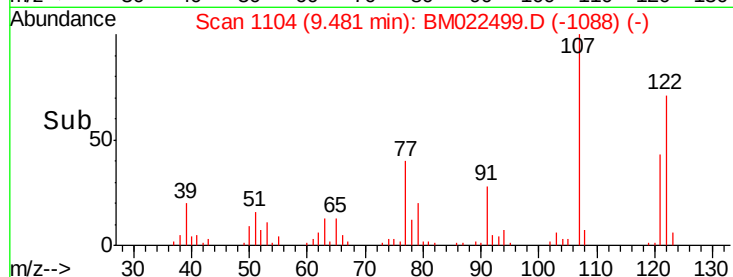
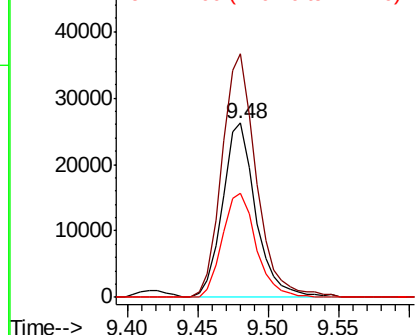
#27
 2,4-Dimethylphenol
 Concen: 46.262 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 43144
 Ion Ratio Lower Upper
 122 100
 107 140.0 116.2 174.4
 121 59.9 49.1 73.7

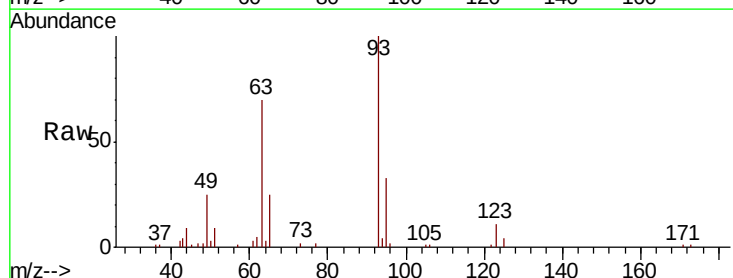


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

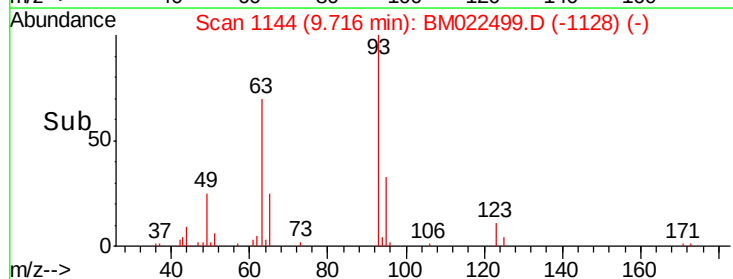
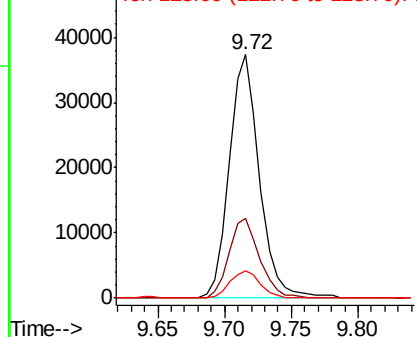


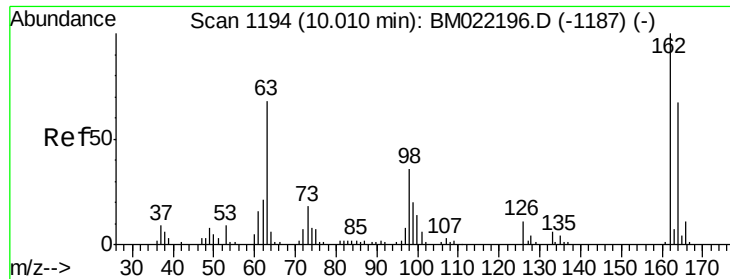
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.023 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion: 93 Resp: 58957
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.5 41.3
 123 11.1 9.6 14.4



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

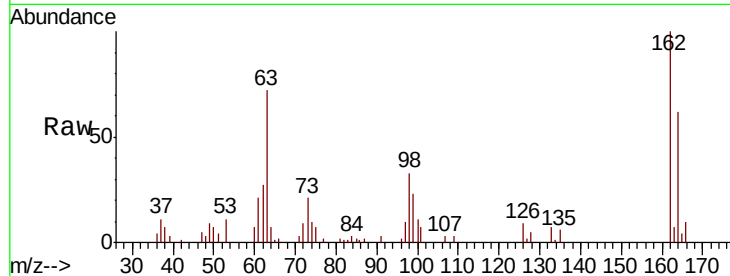




#29
 2,4-Dichlorophenol
 Concen: 39.112 ng
 RT: 9.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	51.2	91.2
98	33.3	14.1	54.1

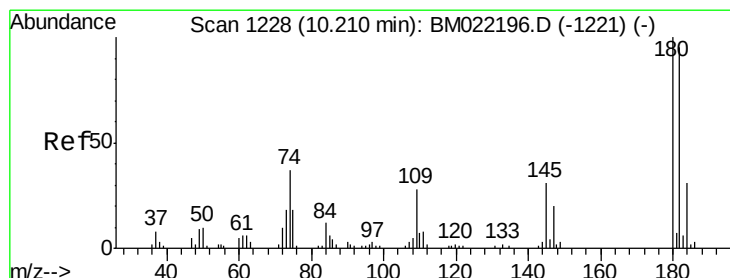
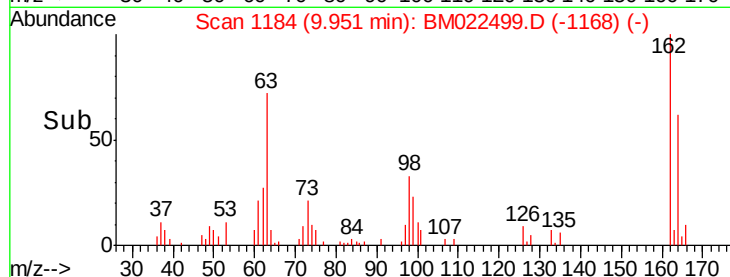
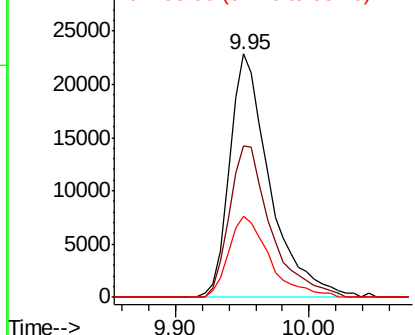


Abundance

Ion 162.00 (161.70 to 162.70): E

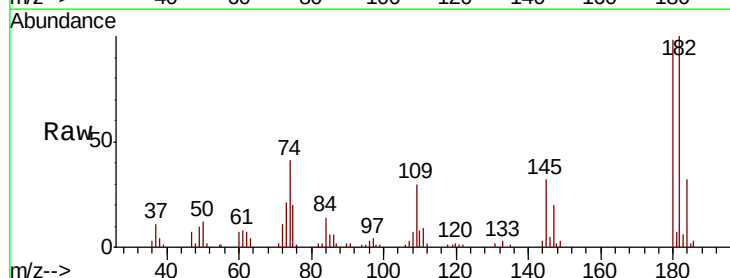
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.963 ng
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	77.0	115.4
145	32.6	23.0	34.6

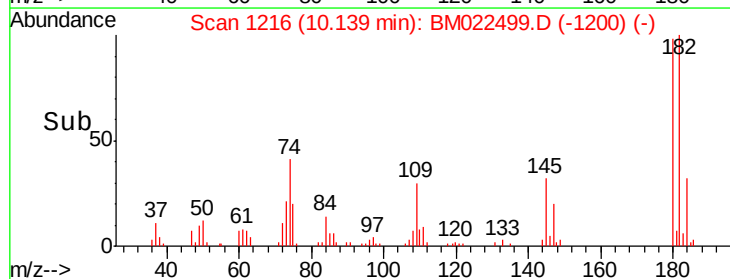
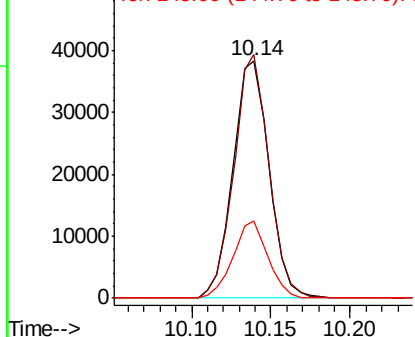


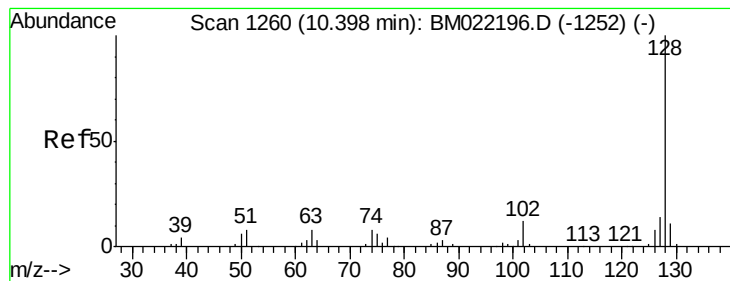
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.794 ng

RT: 10.32 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

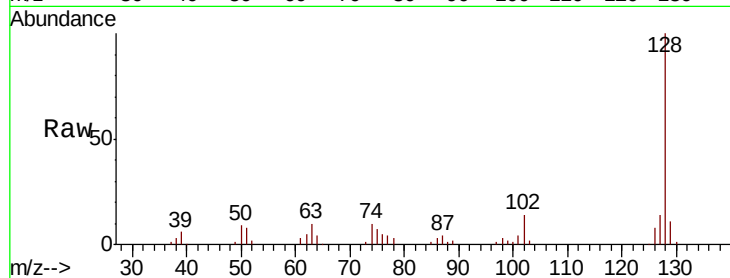
Tot Ion:128 Resp: 150685

Ion Ratio Lower Upper

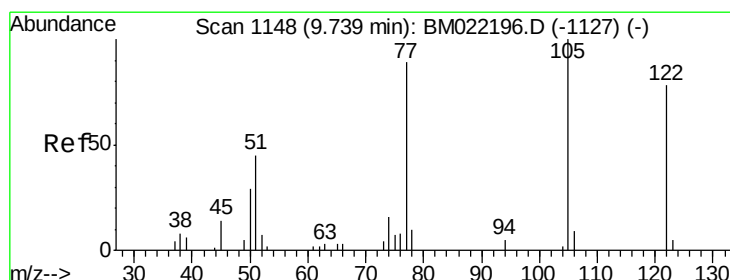
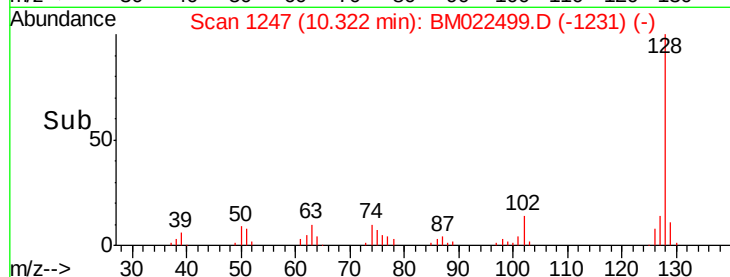
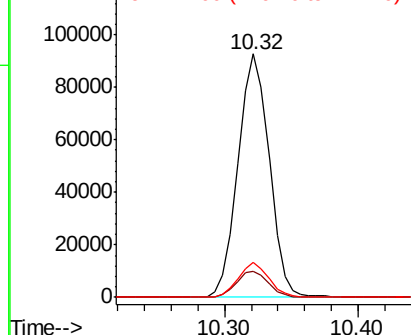
128 100

129 10.5 9.0 13.4

127 14.2 11.0 16.4



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



#32

Benzoic acid

Concen: 11.746 ng

RT: 9.65 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

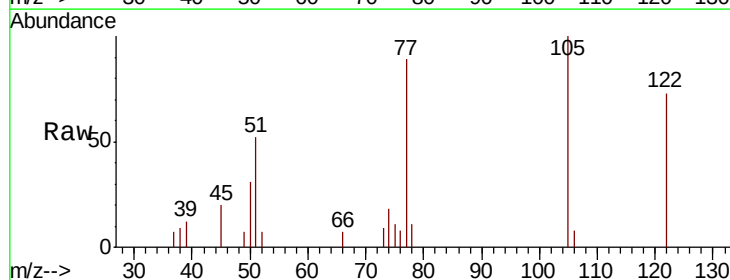
Tgt Ion:122 Resp: 8628

Ion Ratio Lower Upper

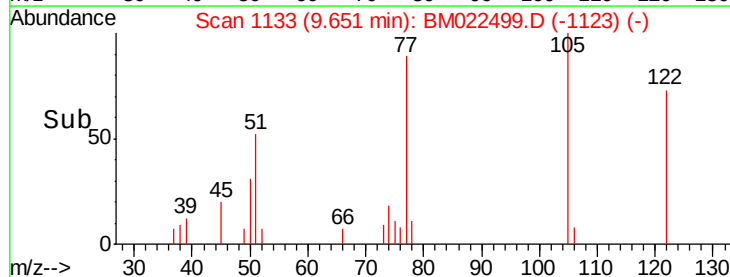
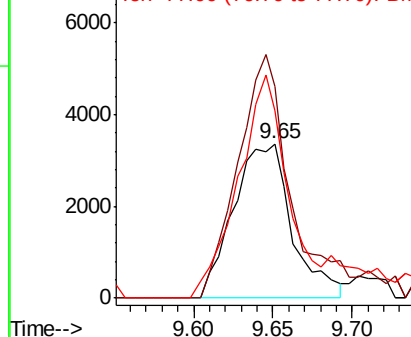
122 100

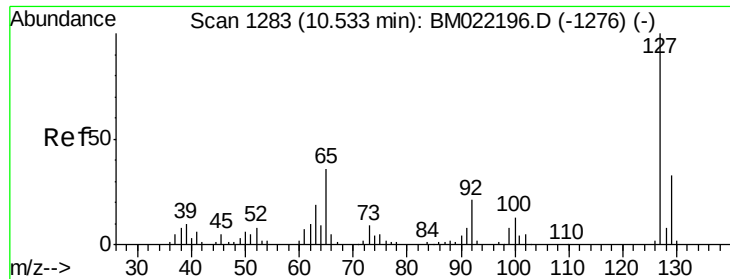
105 136.8 109.3 149.3

77 121.3 105.5 145.5



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

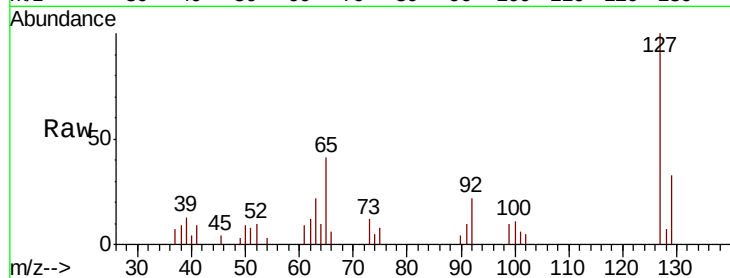




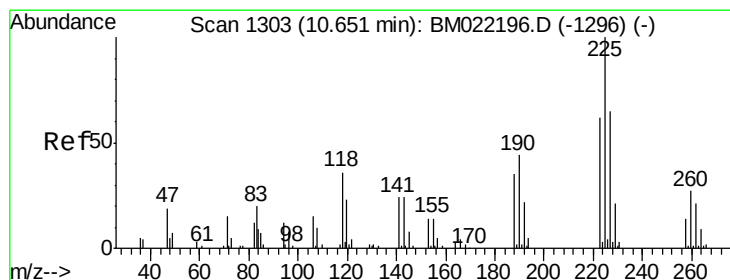
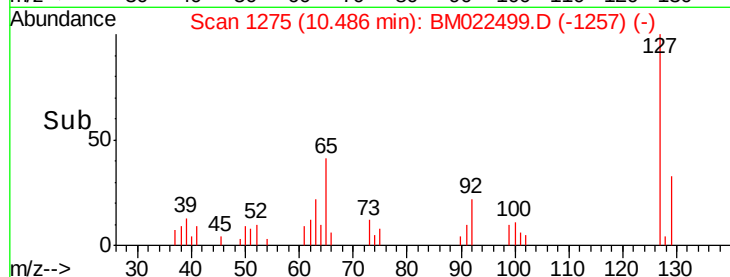
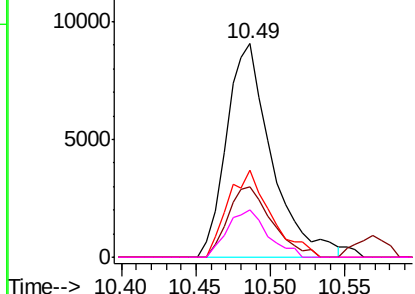
#33
4-Chloroaniline
Concen: 12.033 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	19124
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.2	36.2
65	41.0	31.0	46.4
92	22.3	16.4	24.6

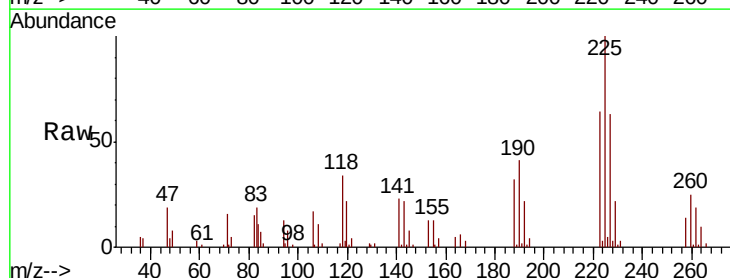


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

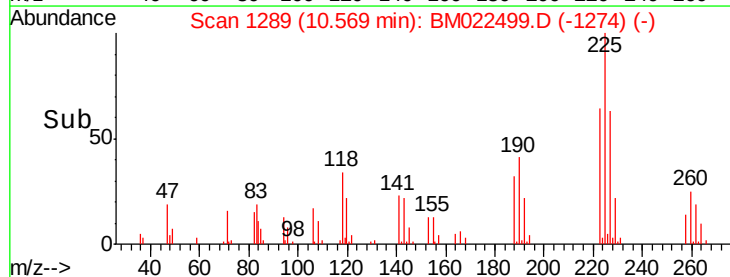
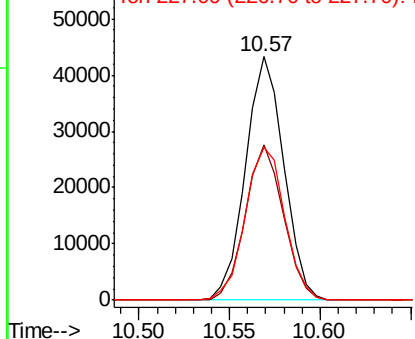


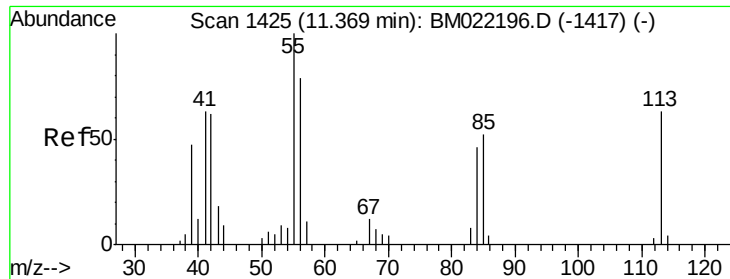
#34
Hexachlorobutadiene
Concen: 41.532 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:	225	Resp:	63651
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.3	73.9
227	63.0	52.6	79.0



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

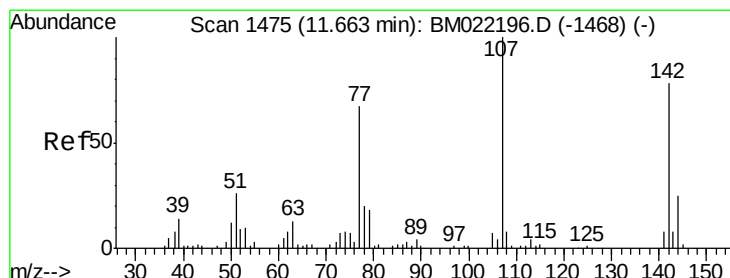
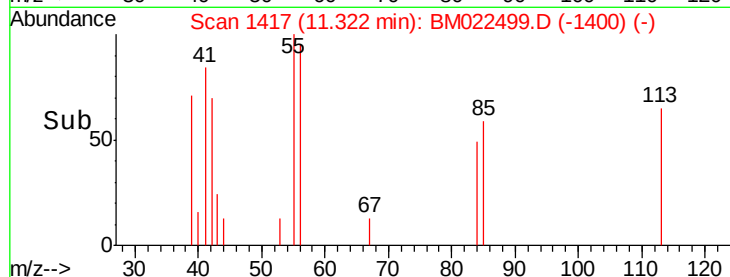
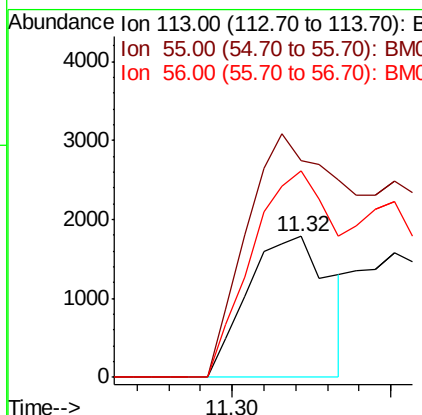
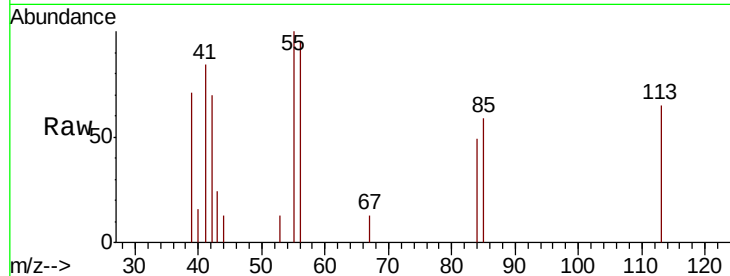




#35
 Caprolactam
 Concen: 10.414 ng
 RT: 11.32 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

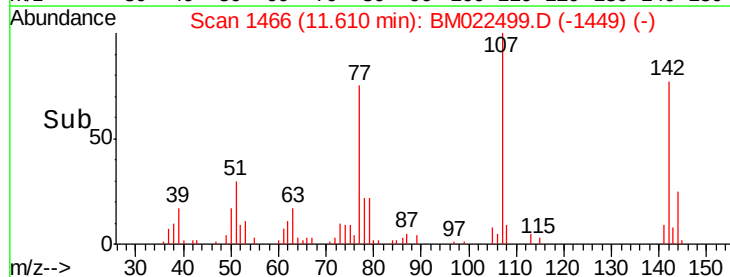
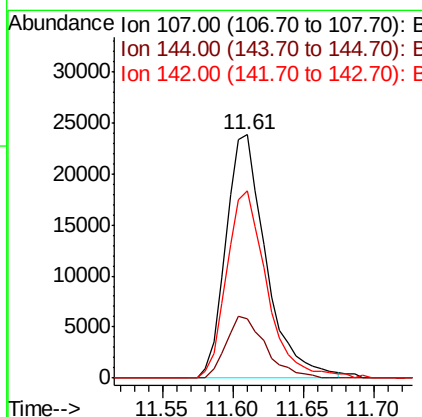
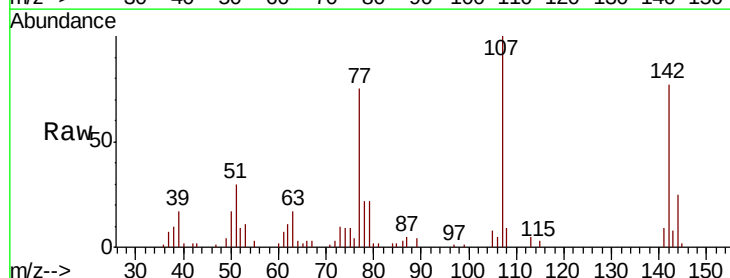
Instrument :
 BNA_M
 ClientSampled :

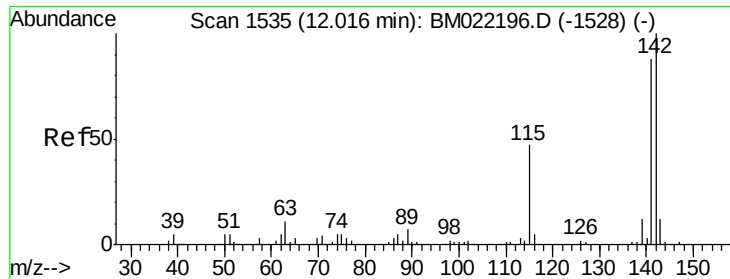
Tot Ion:113 Resp: 3230
 Ion Ratio Lower Upper
 113 100
 55 154.2 140.0 180.0
 56 146.8 117.6 157.6



#36
 4-Chloro-3-methylphenol
 Concen: 36.739 ng
 RT: 11.61 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:107 Resp: 47249
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.6
 142 77.0 63.1 94.7

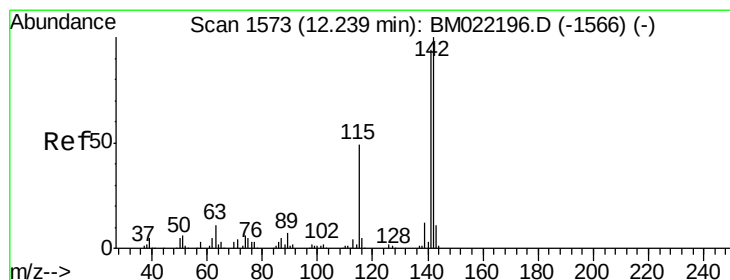
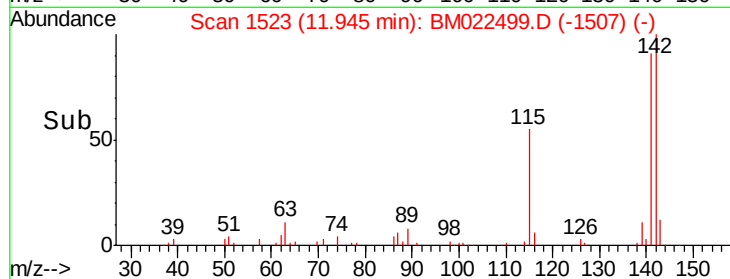
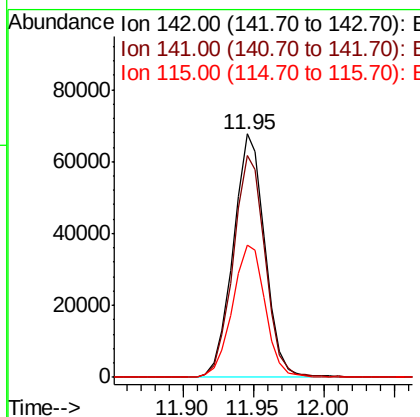
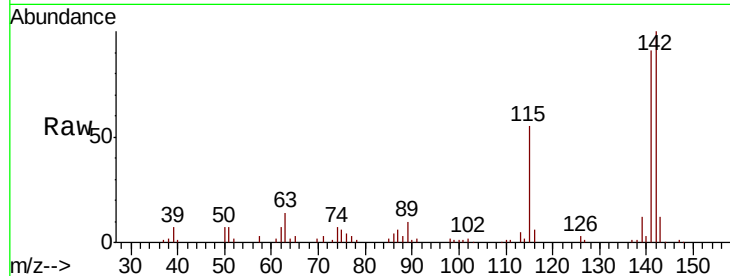




#37
2-Methylnaphthalene
Concen: 37.678 ng
RT: 11.95 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

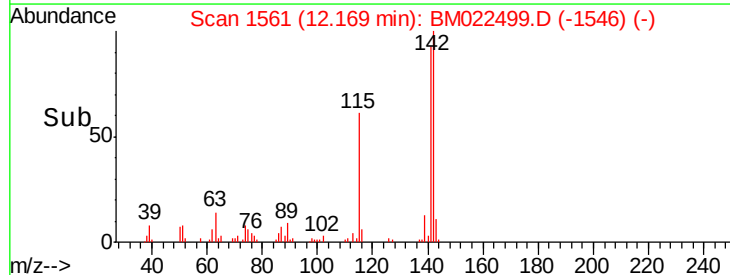
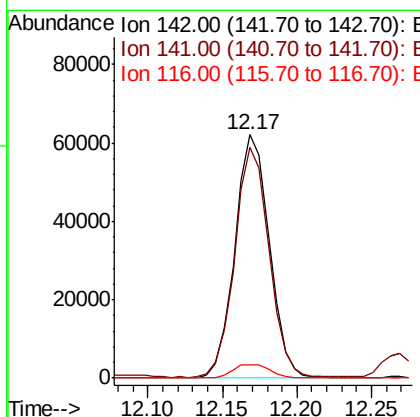
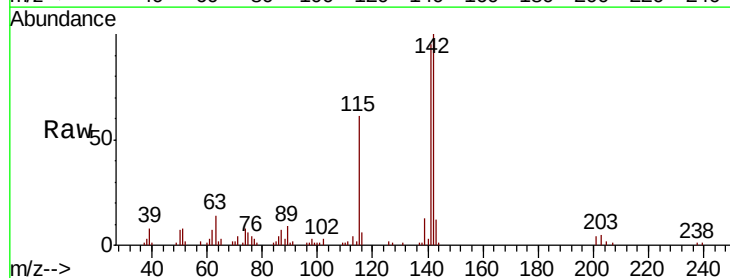
Instrument :
BNA_M
ClientSampleId :

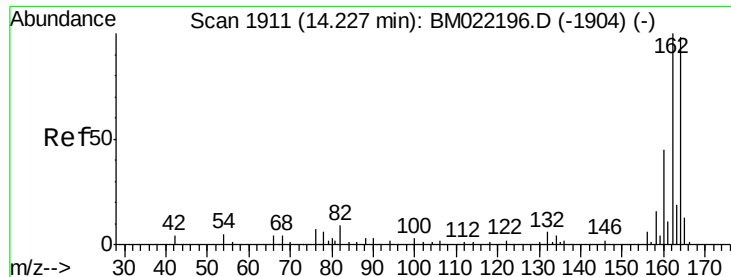
Tot Ion:142 Resp: 105761
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.2
115 54.6 43.2 64.8



#38
1-Methylnaphthalene
Concen: 36.833 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:142 Resp: 99791
Ion Ratio Lower Upper
142 100
141 94.9 77.3 115.9
116 5.7 4.9 7.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

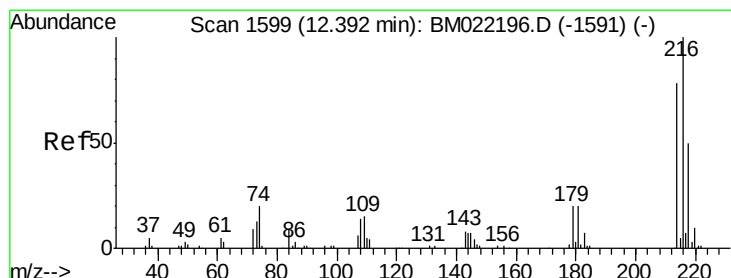
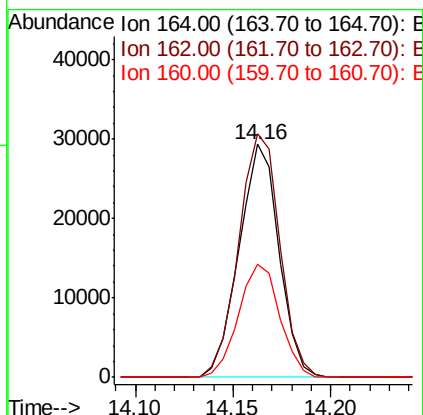
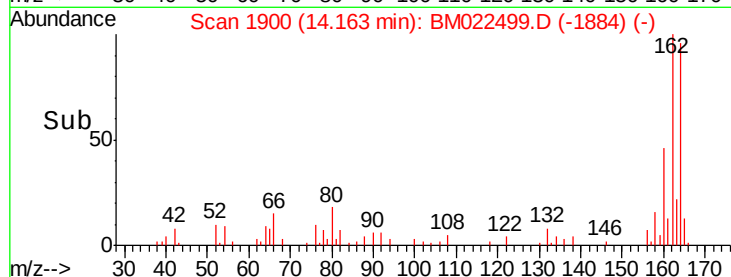
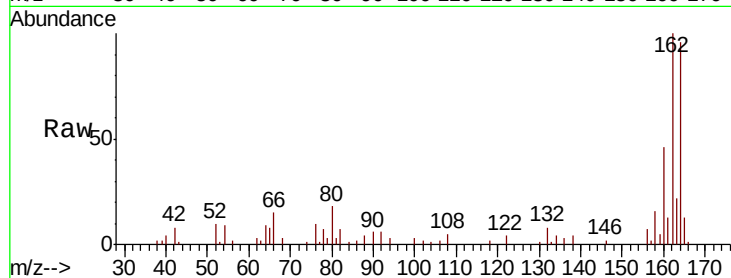
Tot Ion:164 Resp: 41522

Ion Ratio Lower Upper

164 100

162 104.6 80.6 121.0

160 48.3 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.697 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:216 Resp: 90050

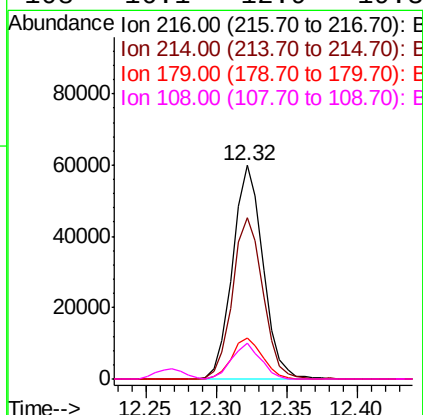
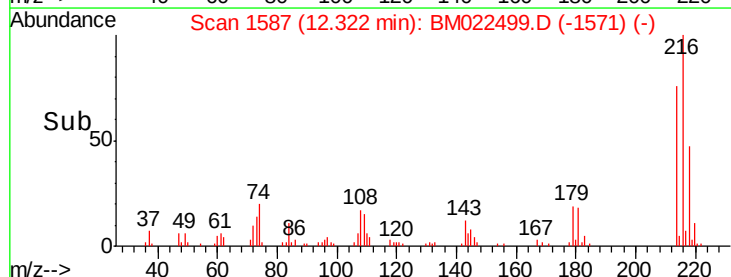
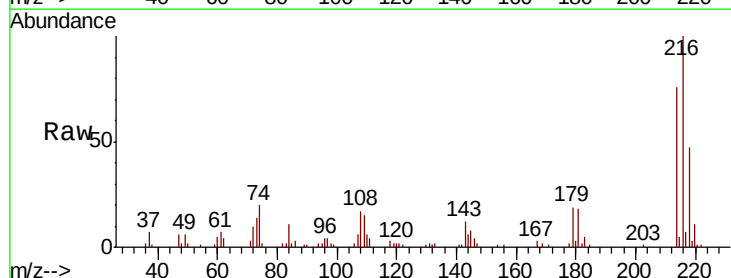
Ion Ratio Lower Upper

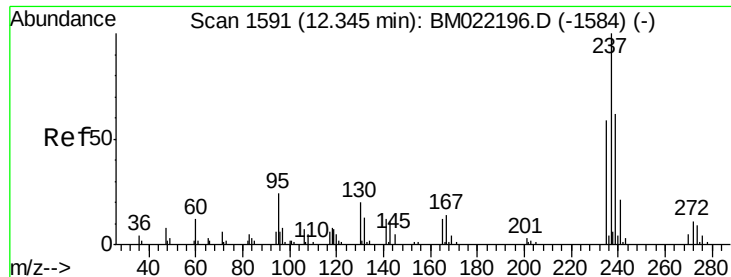
216 100

214 75.4 61.0 91.4

179 19.3 15.2 22.8

108 16.1 12.9 19.3

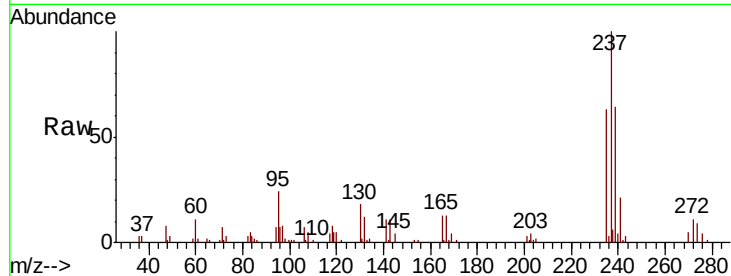




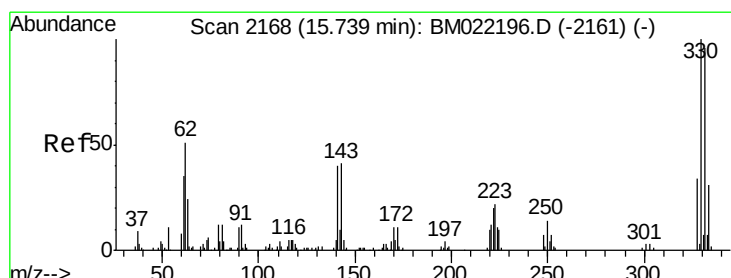
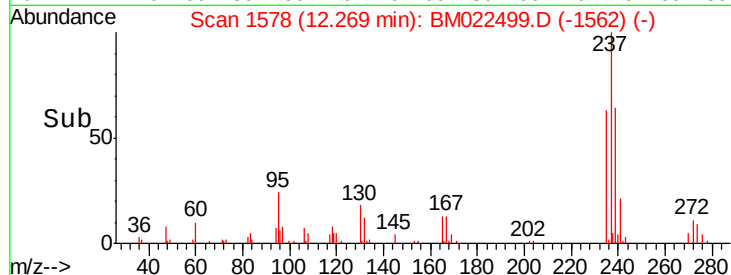
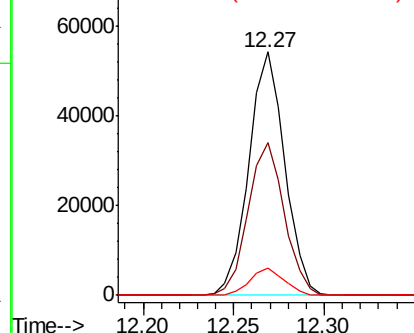
#41
Hexachlorocyclopentadiene
Concen: 90.728 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 74604
Ion Ratio Lower Upper
237 100
235 62.8 40.5 80.5
272 11.2 0.0 30.8

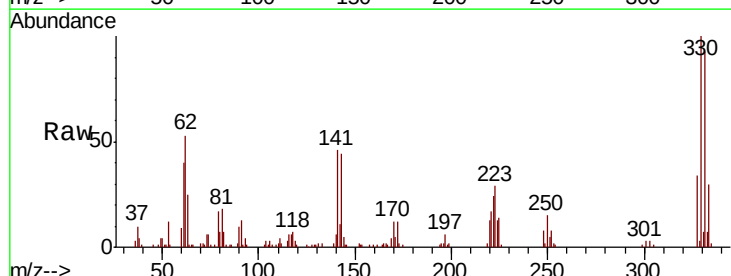


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

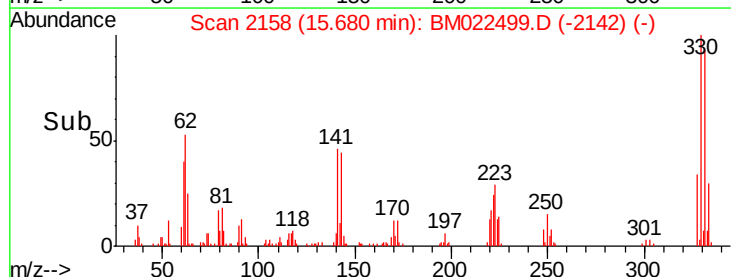
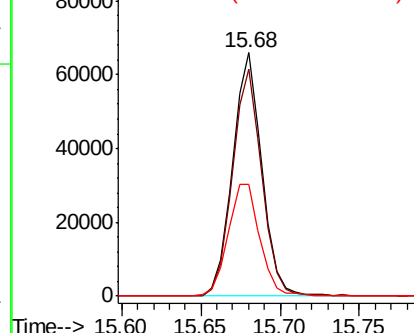


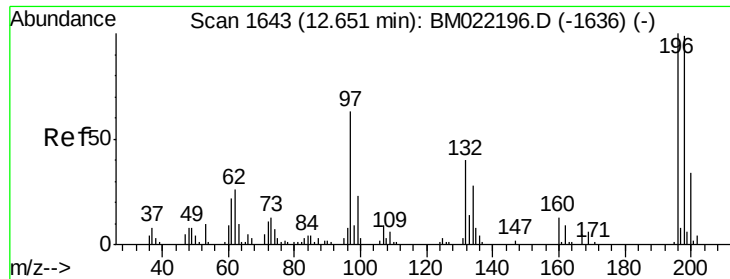
#42
2,4,6-Tribromophenol
Concen: 98.747 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:330 Resp: 83901
Ion Ratio Lower Upper
330 100
332 93.8 77.8 116.8
141 50.1 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

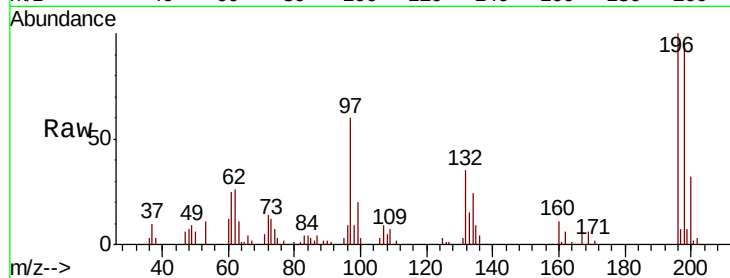




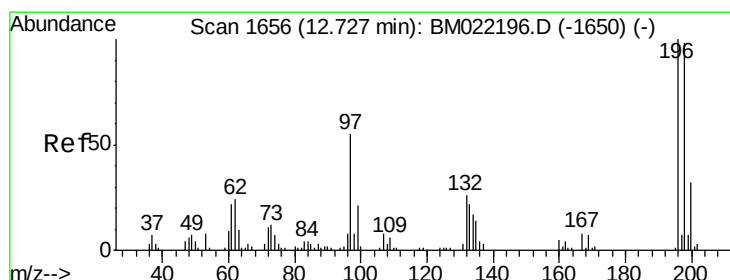
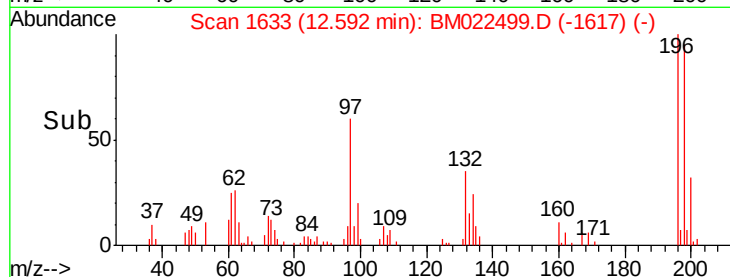
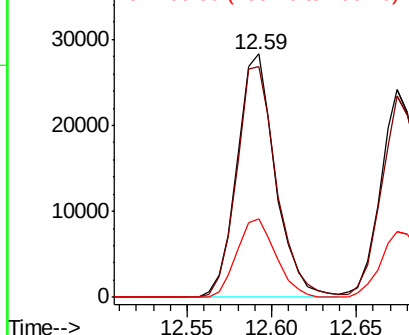
#43
 2,4,6-Trichlorophenol
 Concen: 42.111 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 44792
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.0 115.6
 200 32.3 26.3 39.5



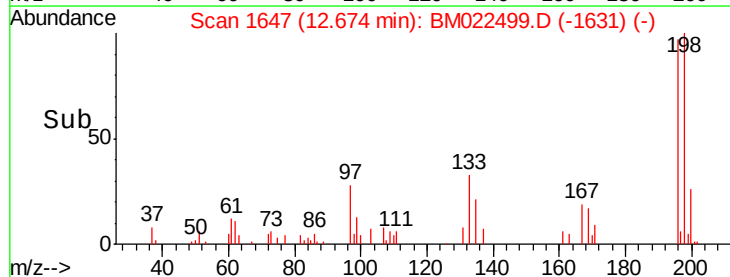
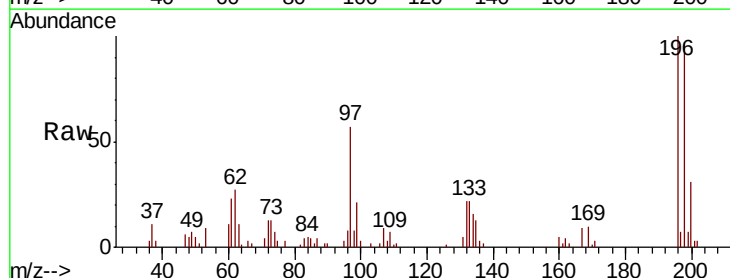
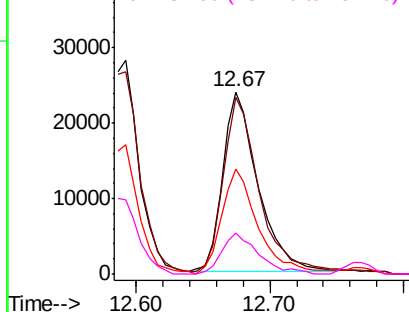
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

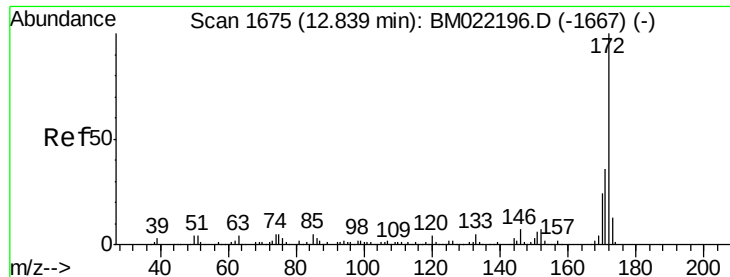


#44
 2,4,5-Trichlorophenol
 Concen: 41.279 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:196 Resp: 43537
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.6 115.0
 97 57.3 41.7 62.5
 132 22.2 17.1 25.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

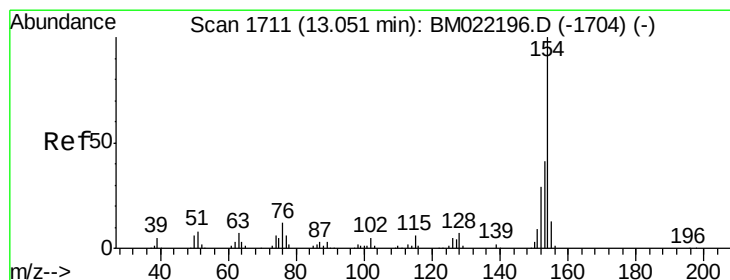
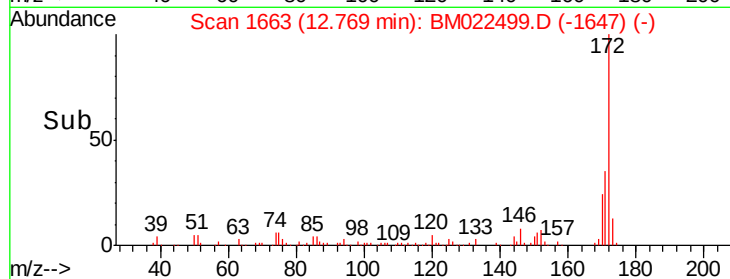
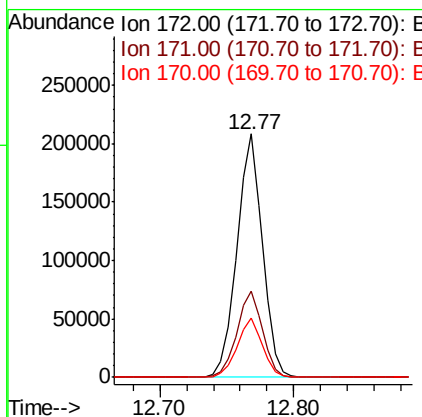
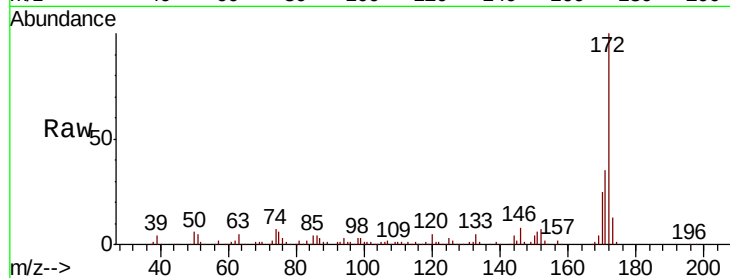




#45
2-Fluorobiphenyl
Concen: 75.224 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

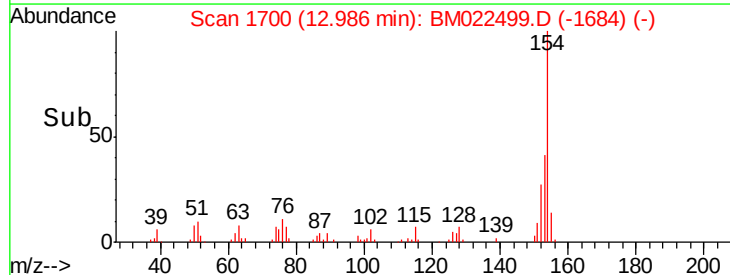
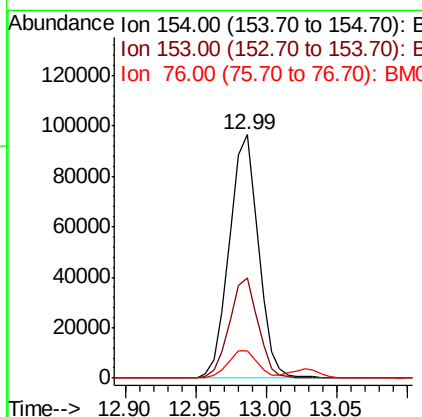
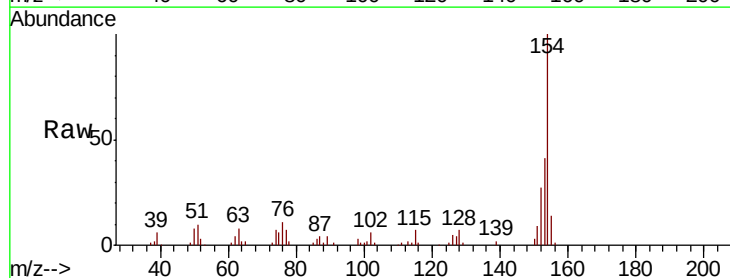
Instrument :
BNA_M
ClientSampled :

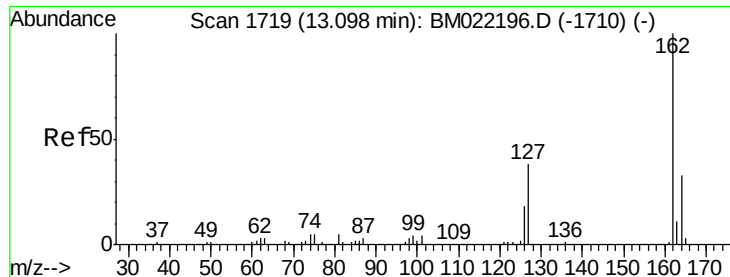
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.6	18.9	28.3



#46
1,1'-Biphenyl
Concen: 40.982 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.0	0.0	30.9

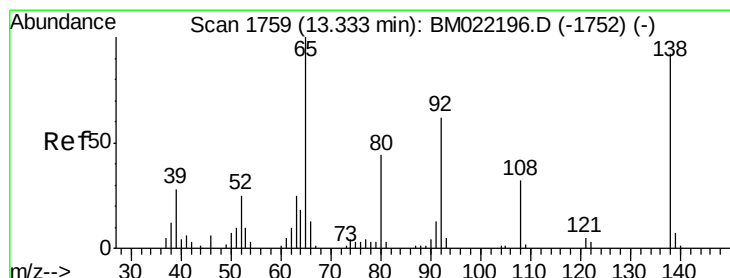
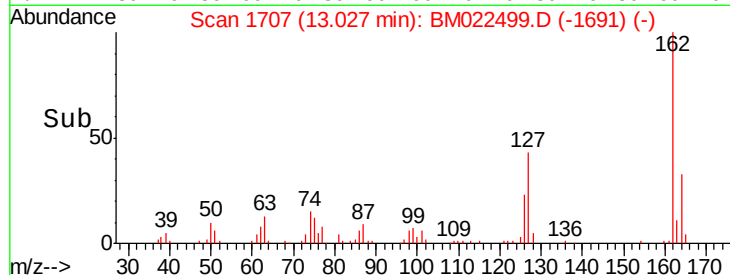
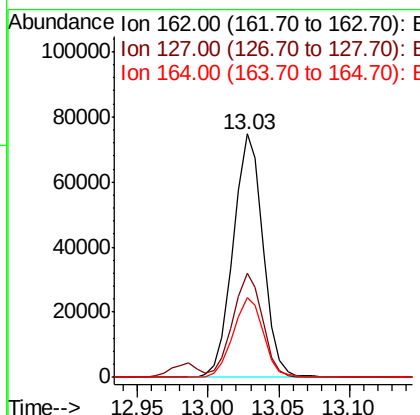
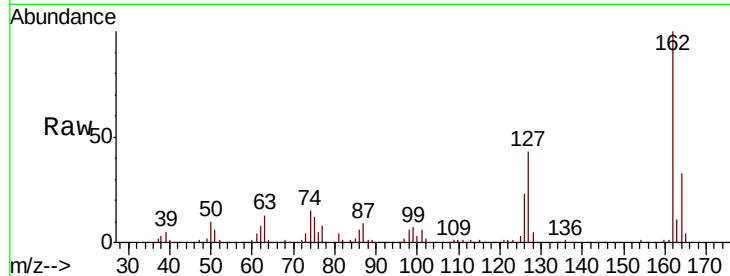




#47
 2-Chloronaphthalene
 Concen: 40.937 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

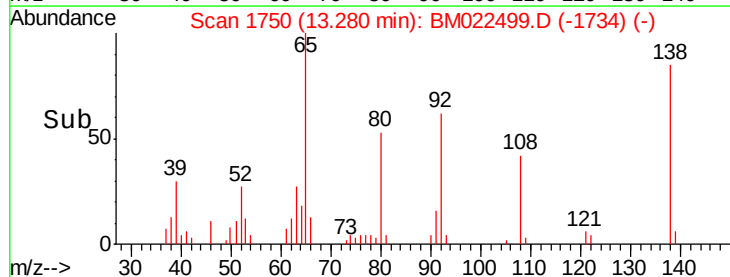
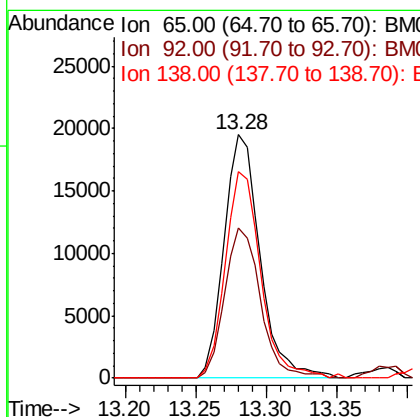
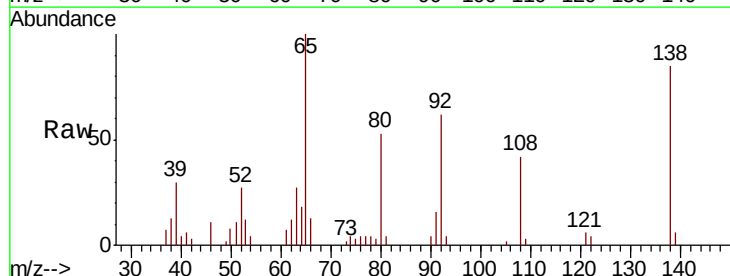
Instrument :
 BNA_M
 ClientSampled :

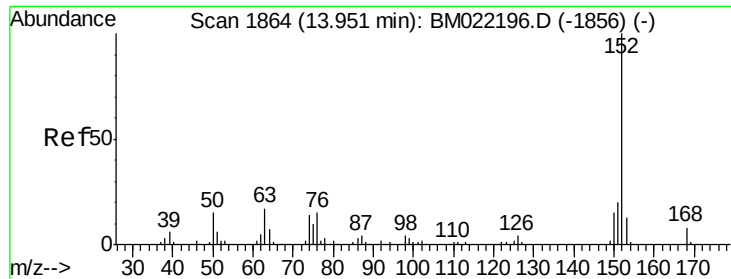
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.6	49.0
164	32.9	26.2	39.4



#48
 2-Nitroaniline
 Concen: 39.915 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.1	73.7
138	84.8	70.4	105.6





#49

Acenaphthylene

Concen: 40.796 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

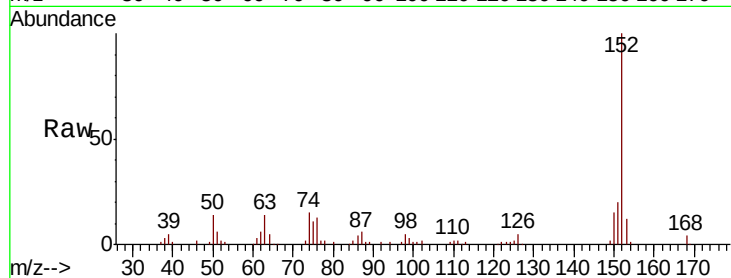
Tot Ion:152 Resp: 165868

Ion Ratio Lower Upper

152 100

151 20.0 16.9 25.3

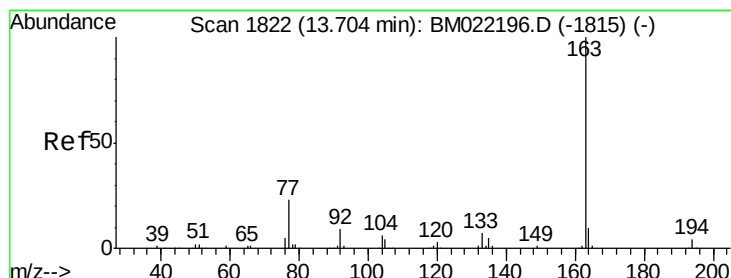
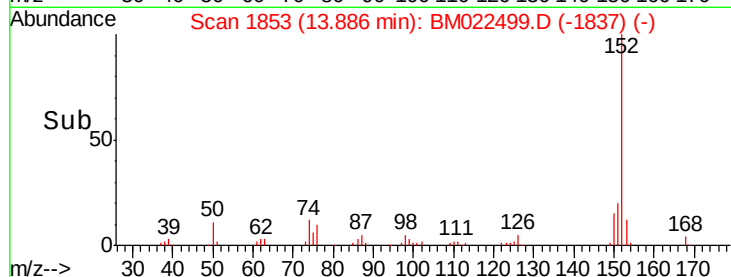
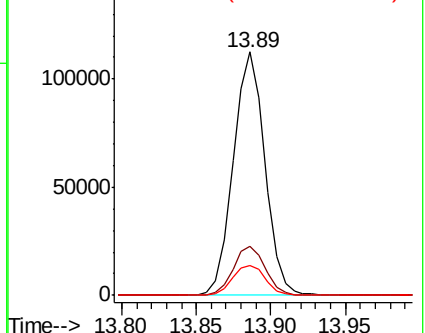
153 12.3 10.4 15.6



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: 47.537 ng

RT: 13.64 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

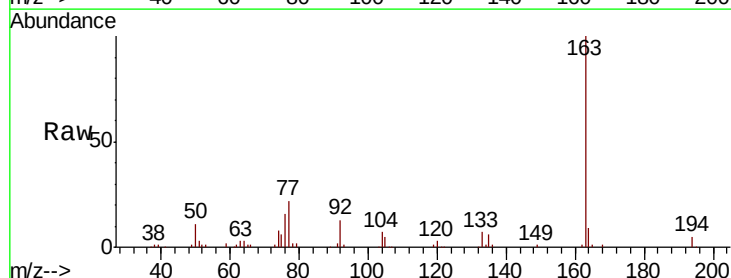
Tgt Ion:163 Resp: 171675

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

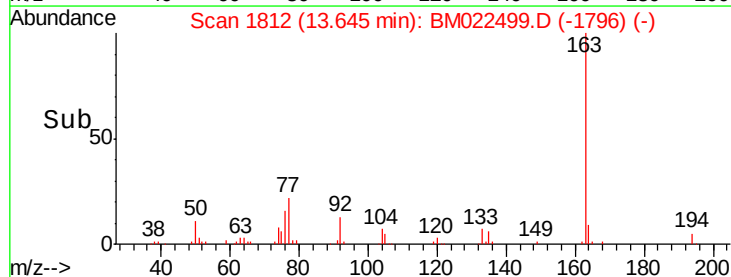
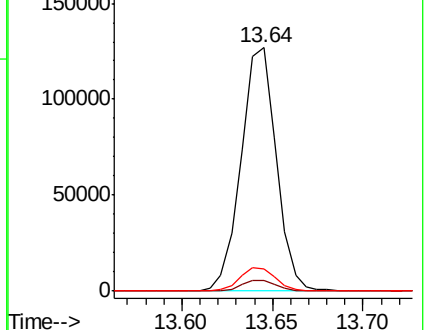
164 9.3 8.2 12.2

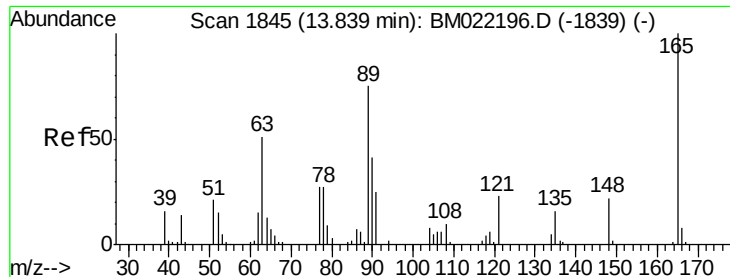


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

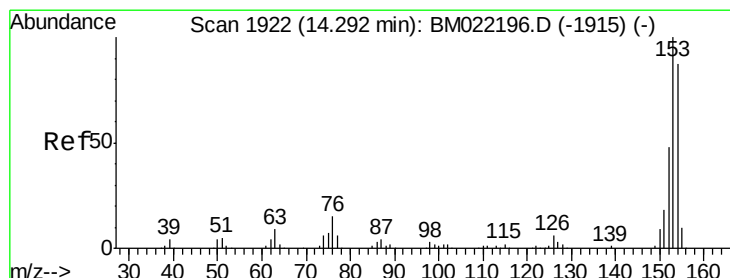
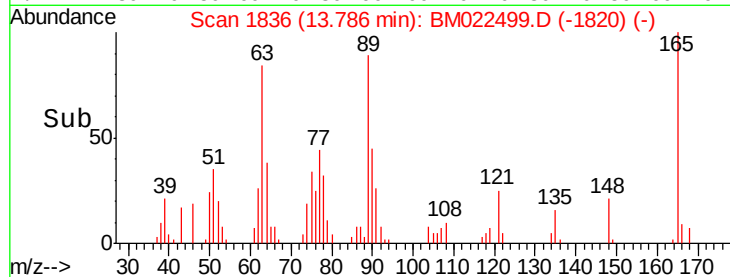
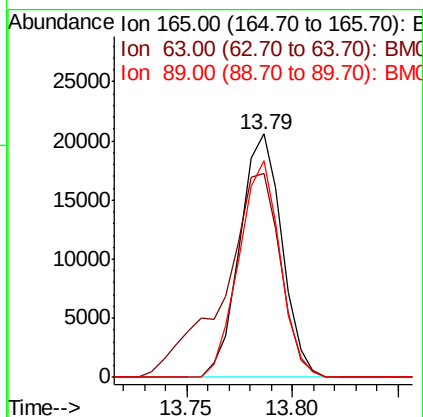
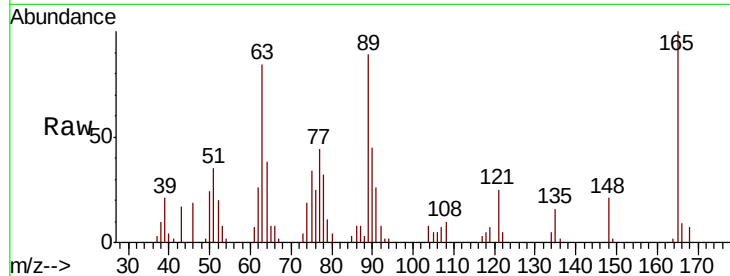




#51
 2,6-Dinitrotoluene
 Concen: 40.109 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

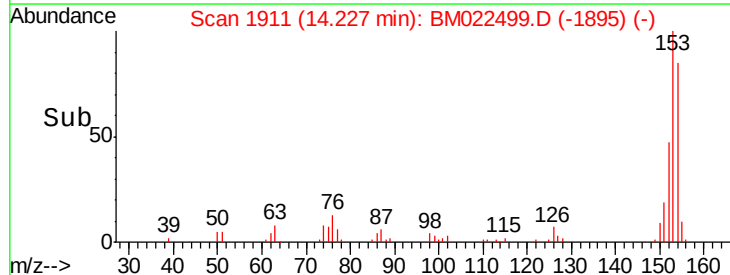
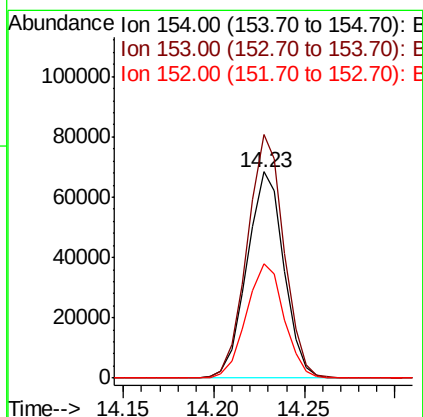
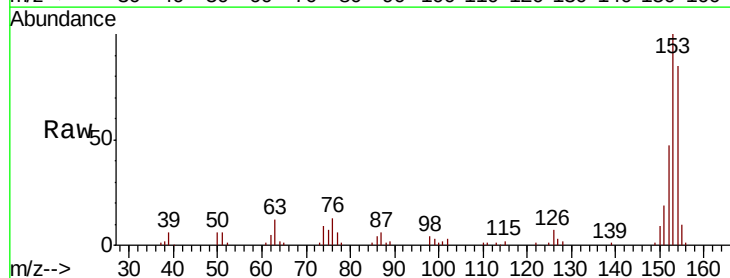
Instrument :
 BNA_M
 ClientSampled :

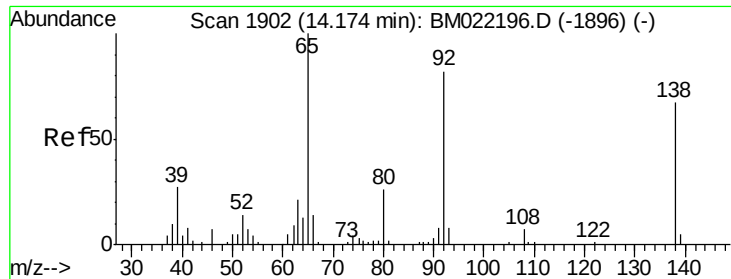
Tot Ion:165 Resp: 28454
 Ion Ratio Lower Upper
 165 100
 63 83.6 65.4 98.2
 89 88.8 69.0 103.6



#52
 Acenaphthene
 Concen: 39.642 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:154 Resp: 96663
 Ion Ratio Lower Upper
 154 100
 153 118.0 94.3 141.5
 152 55.4 45.4 68.2





#53

3-Nitroaniline

Concen: 23.248 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

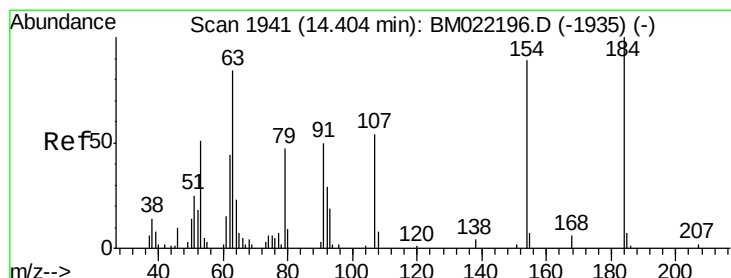
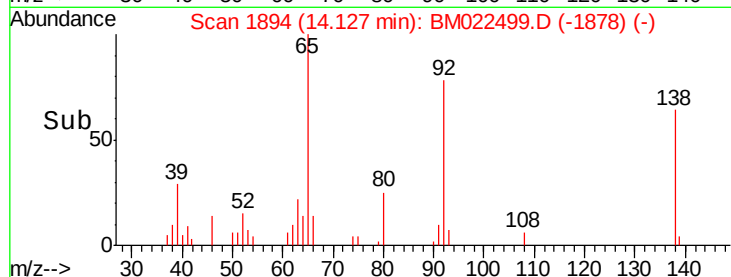
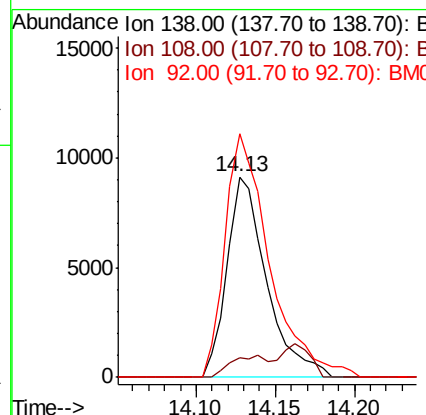
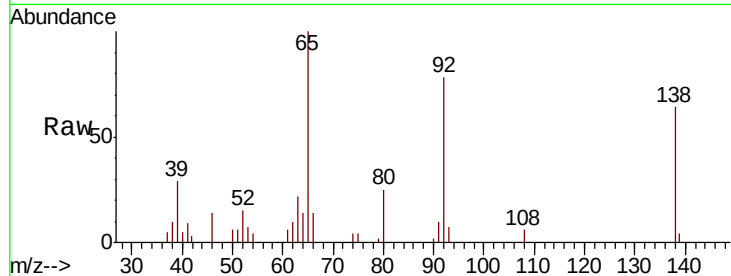
Tot Ion:138 Resp: 15836

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

92 121.6 103.3 154.9



#54

2,4-Dinitrophenol

Concen: 54.766 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

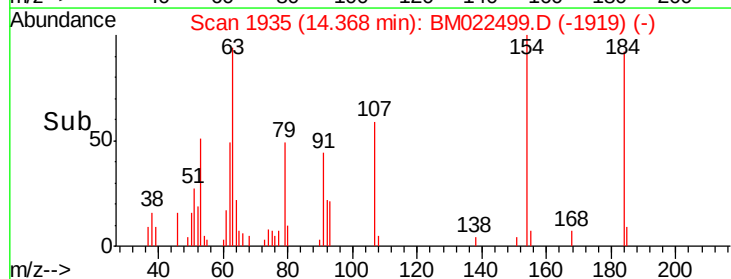
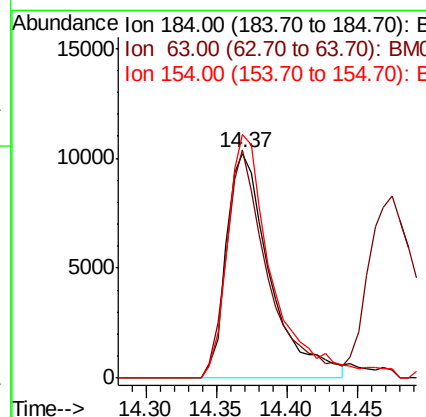
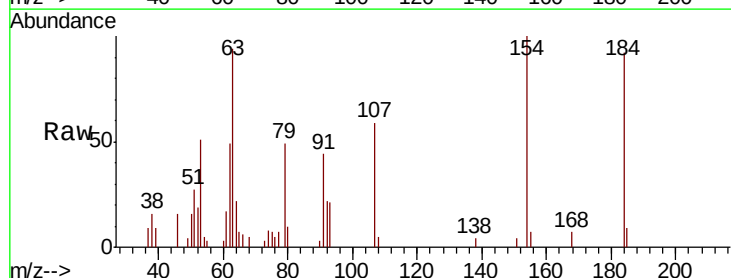
Tgt Ion:184 Resp: 22116

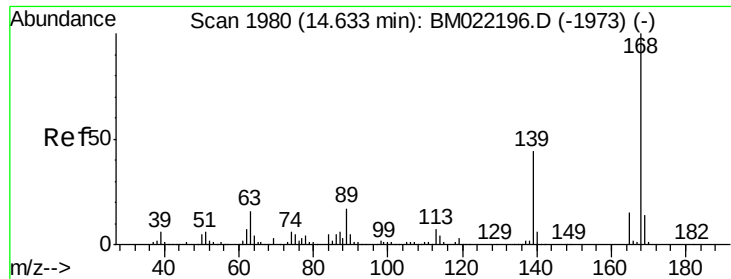
Ion Ratio Lower Upper

184 100

63 101.3 63.8 95.8#

154 108.3 75.0 112.6





#55

Dibenzofuran

Concen: 39.329 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

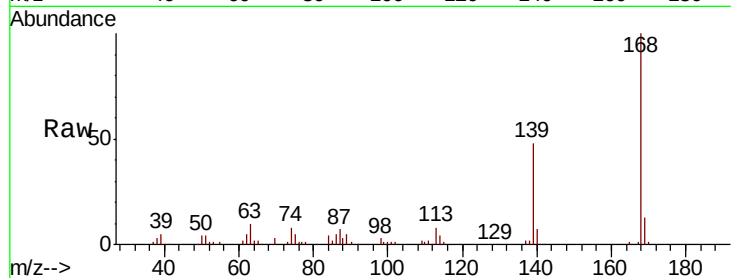
Tot Ion:168 Resp: 161557

Ion Ratio Lower Upper

168 100

139 47.5 36.1 54.1

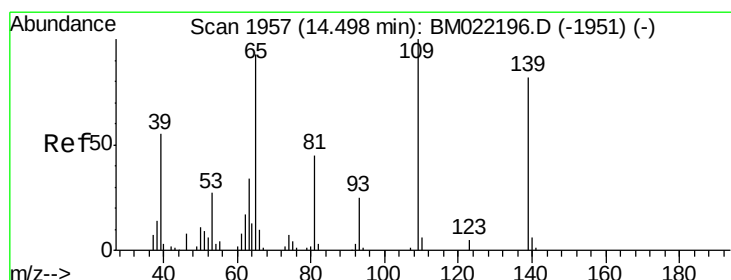
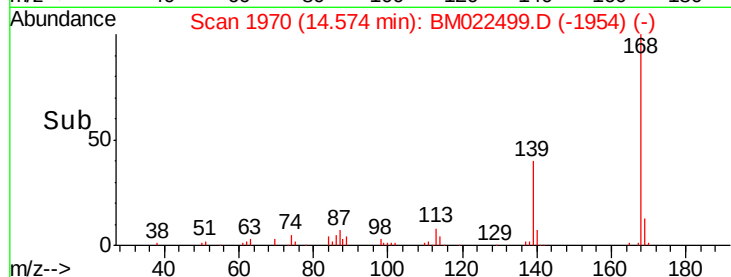
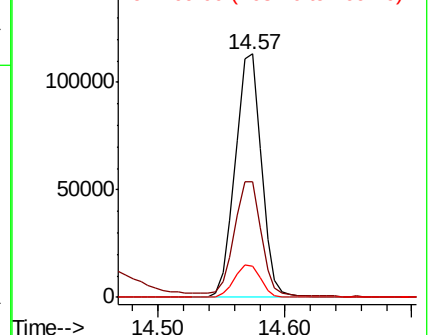
169 12.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.565 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

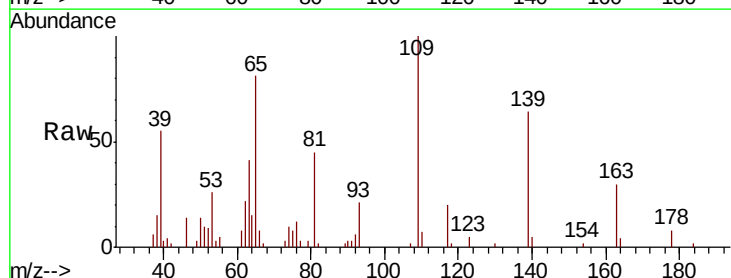
Tgt Ion:139 Resp: 29998

Ion Ratio Lower Upper

139 100

109 157.4 128.0 168.0

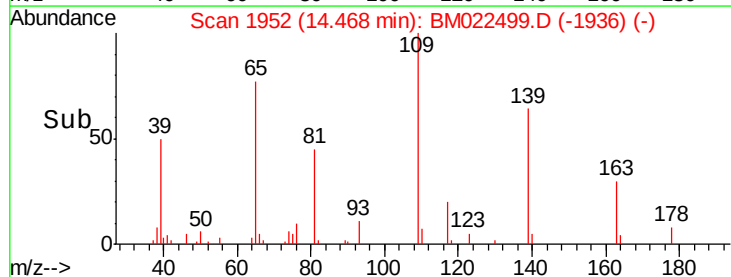
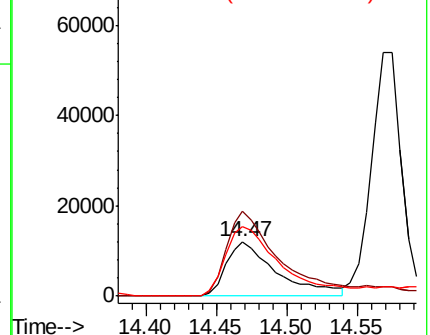
65 128.0 104.3 144.3

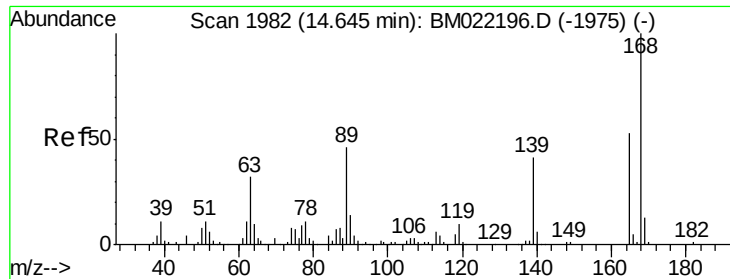


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 35.488 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM022499.D

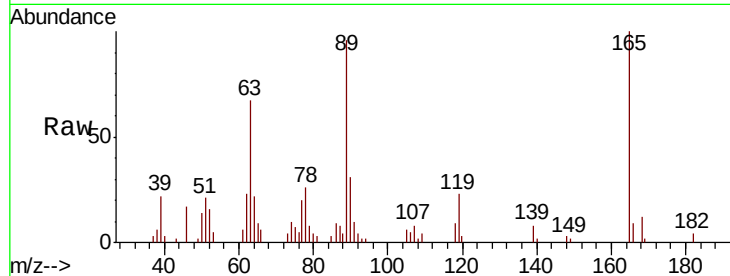
Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	165	Resp:	36195
Ion	Ratio	Lower	Upper
165	100		
63	67.3	54.6	82.0
89	96.3	74.5	111.7
182	3.5	1.7	2.5#

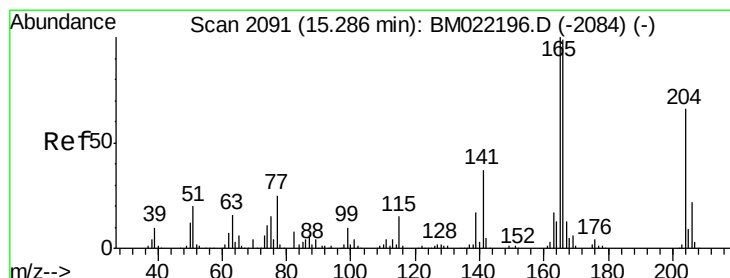
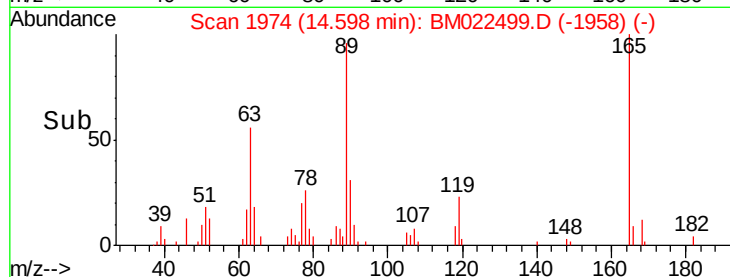
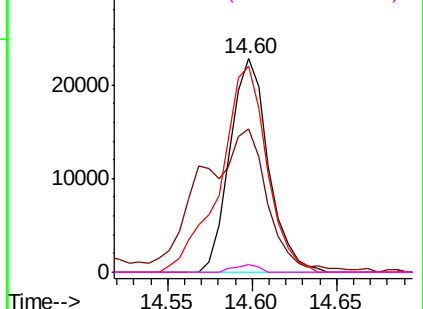


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.777 ng

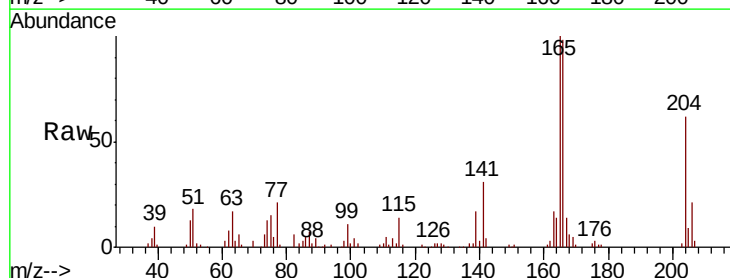
RT: 15.23 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

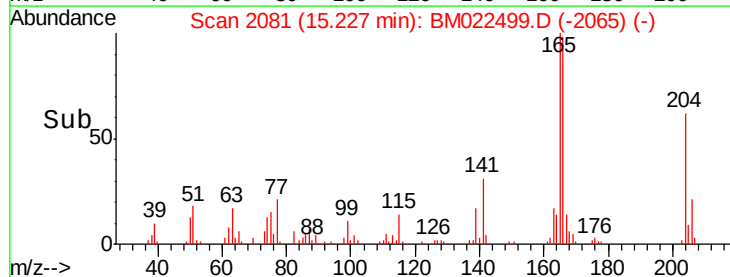
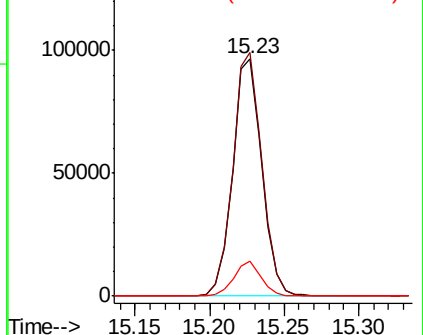
Tgt Ion:	166	Resp:	131300
Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.1	121.7
167	14.5	11.1	16.7

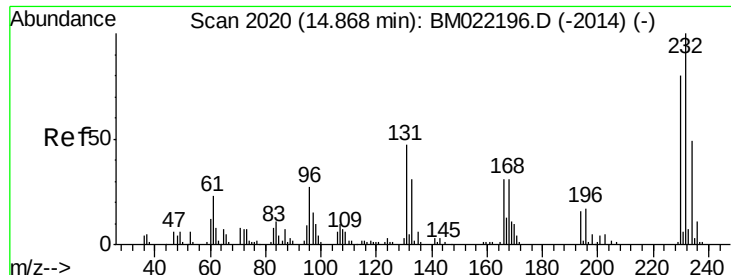


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

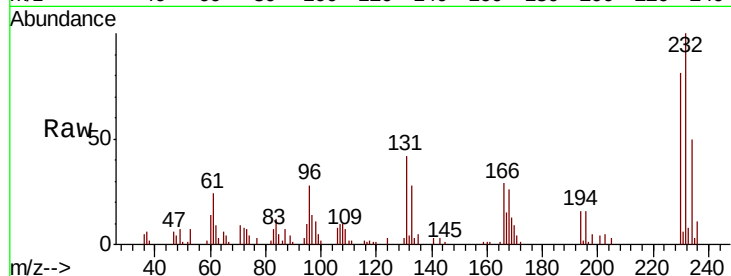




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.781 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	32.0	48.0
130	2.7	2.4	3.6
166	25.3	20.2	30.2



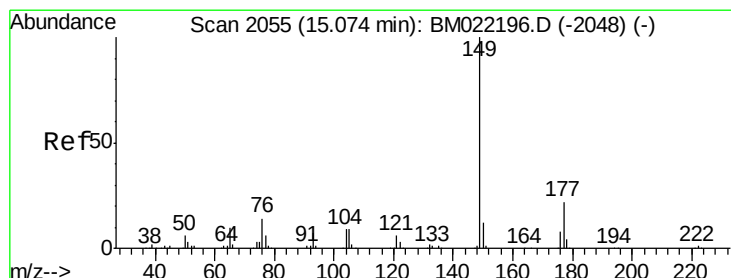
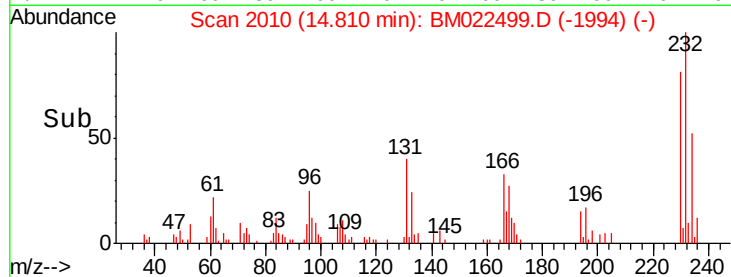
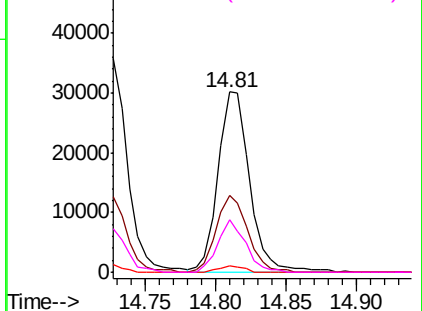
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

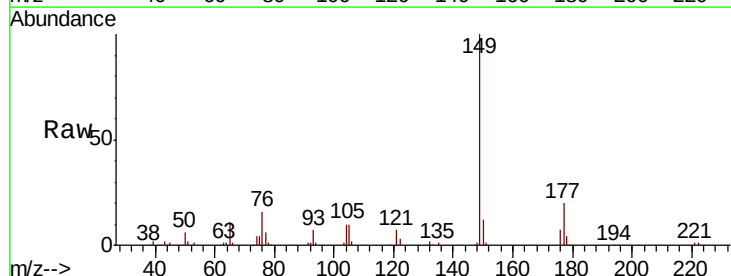
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.842 ng
 RT: 15.02 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	25.0
150	12.2	9.8	14.8

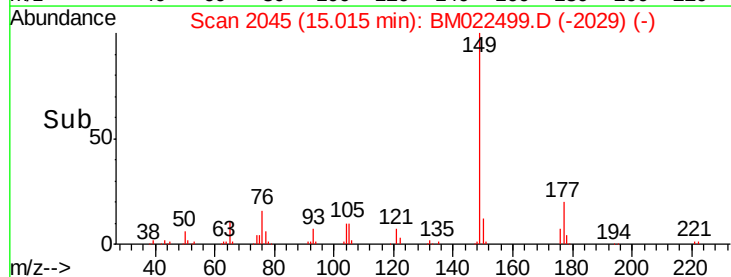
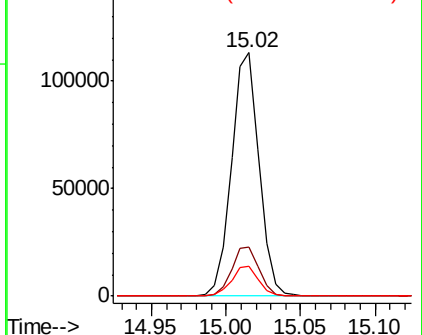


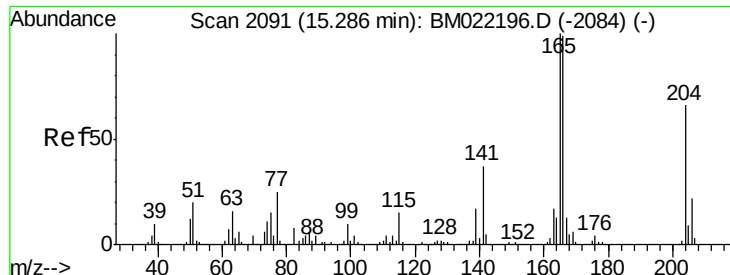
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

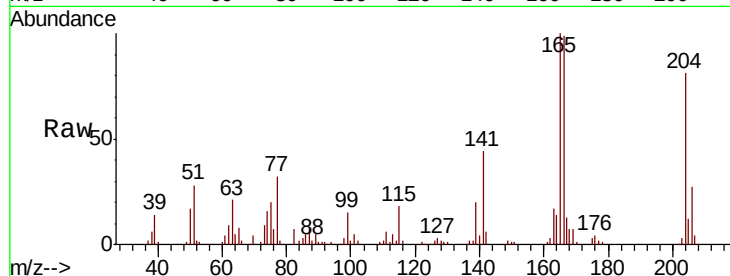




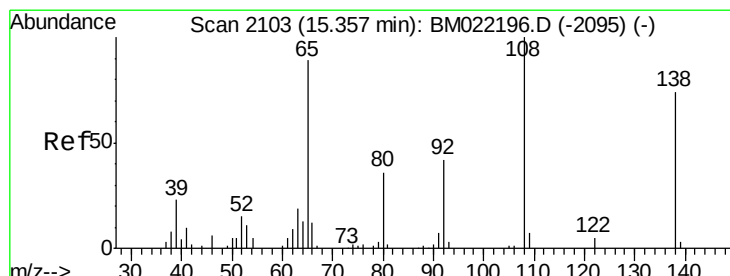
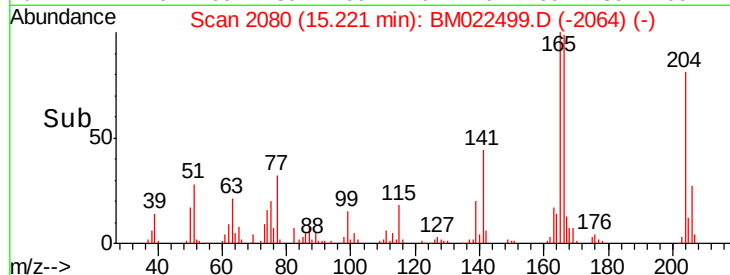
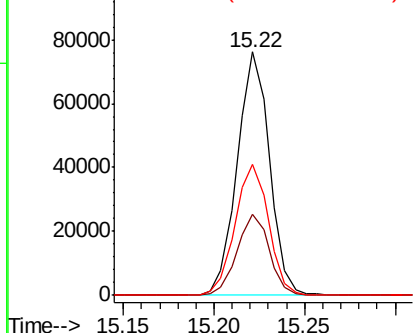
#61
 4-Chlorophenyl-phenylether
 Concen: 37.401 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 94384
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.2 39.4
 141 53.7 40.6 60.8

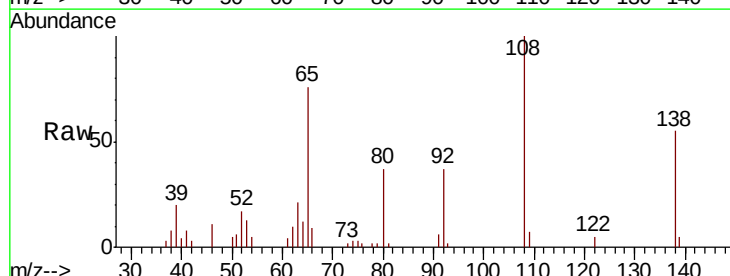


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

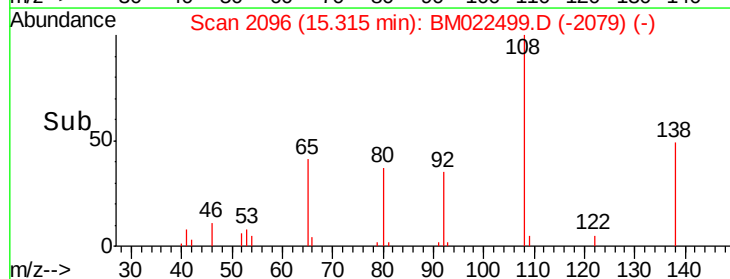
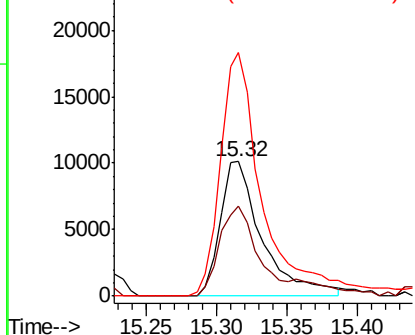


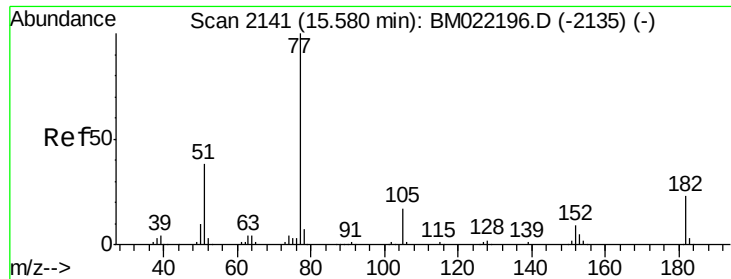
#62
 4-Nitroaniline
 Concen: 32.881 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:138 Resp: 20963
 Ion Ratio Lower Upper
 138 100
 92 67.2 40.5 80.5
 108 181.2 156.8 196.8



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

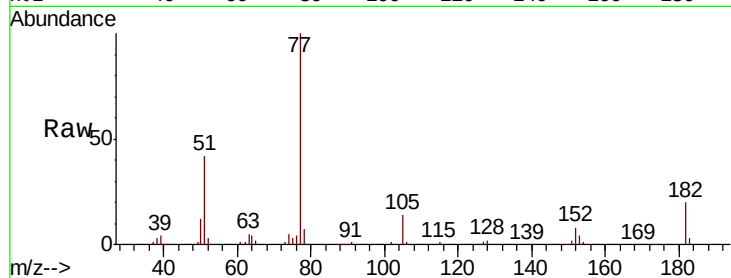




#63
Azobenzene
Concen: 43.304 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	163059
Ion	Ratio	Lower	Upper
77	100		
182	20.0	3.5	43.5
105	14.2	0.0	34.2
51	41.6	21.8	61.8

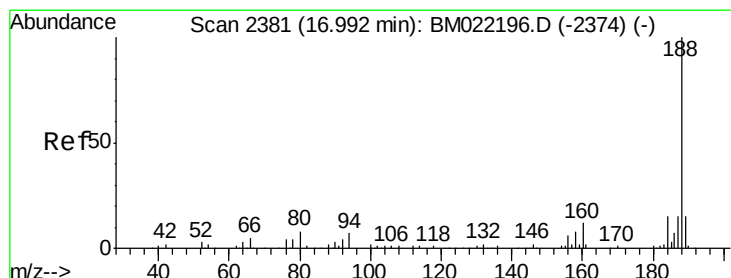
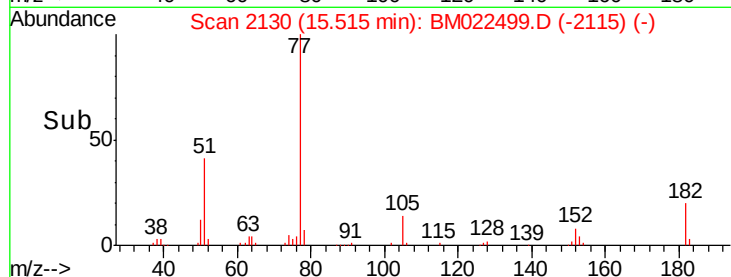
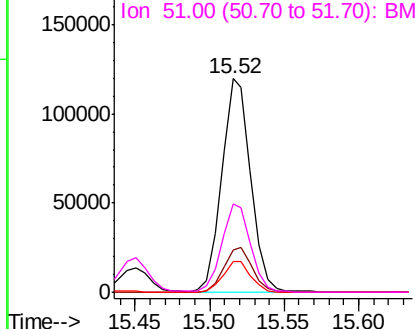


Abundance Ion 77.00 (76.70 to 77.70): BM022499.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM022499.D (-2135) (-)

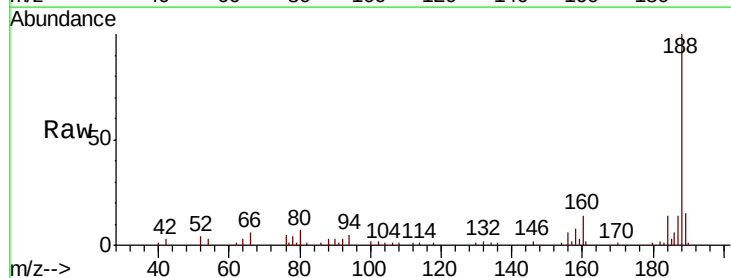
Ion 105.00 (104.70 to 105.70): BM022499.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM022499.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

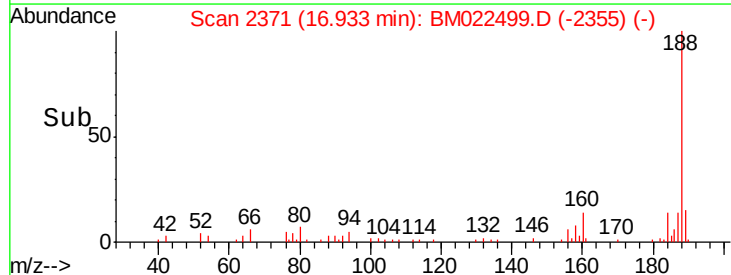
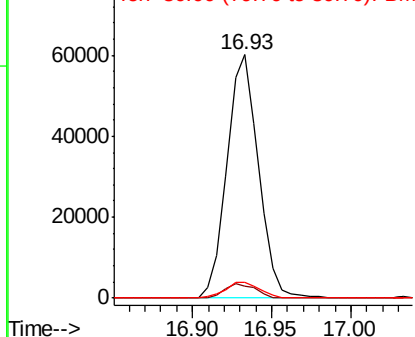
Tgt Ion:	188	Resp:	82607
Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.4	6.6
80	6.6	5.0	7.6

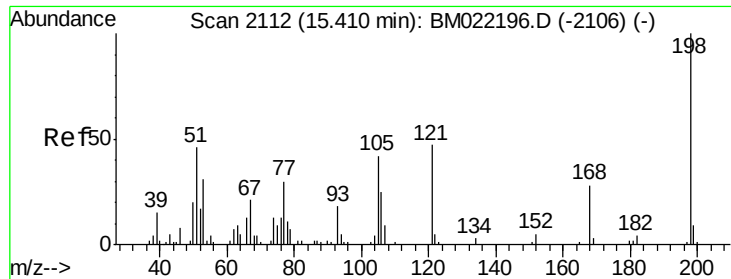


Abundance Ion 188.00 (187.70 to 188.70): BM022499.D (-2355) (-)

Ion 94.00 (93.70 to 94.70): BM022499.D (-2355) (-)

Ion 80.00 (79.70 to 80.70): BM022499.D (-2355) (-)

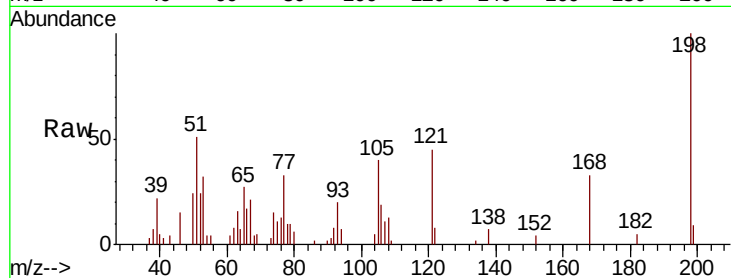




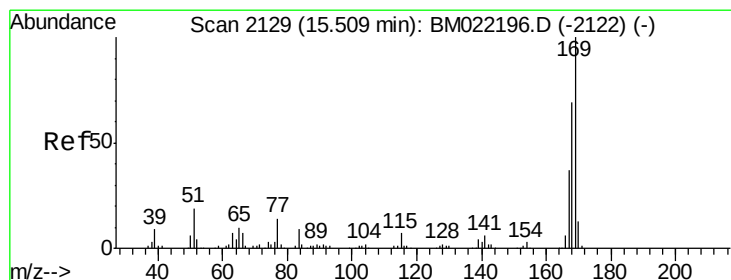
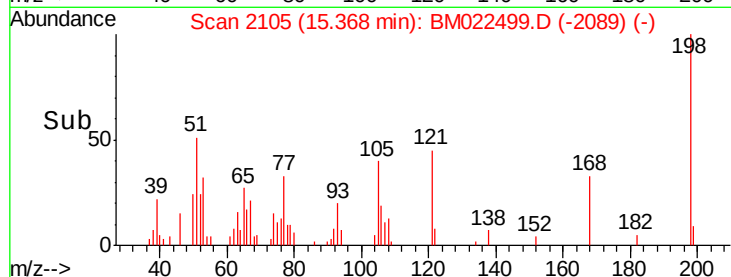
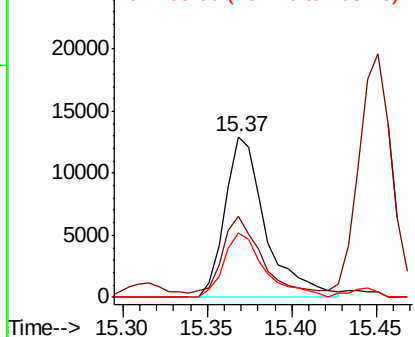
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.006 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 21692
 Ion Ratio Lower Upper
 198 100
 51 50.7 21.0 61.0
 105 40.4 16.1 56.1

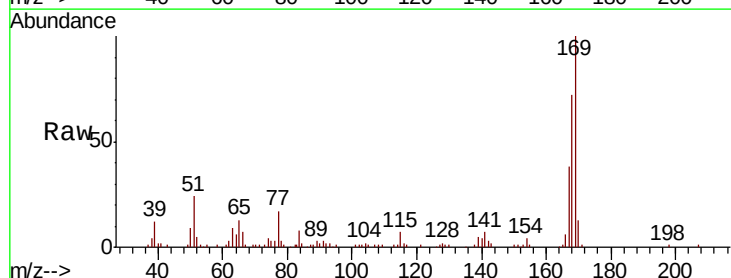


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

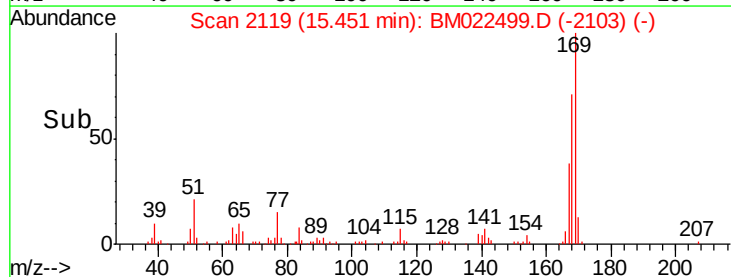
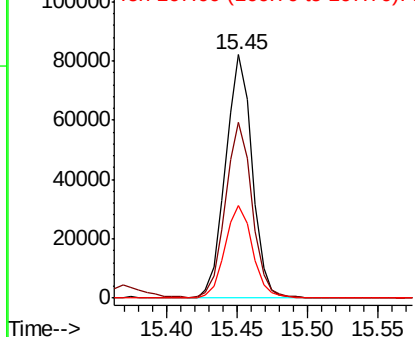


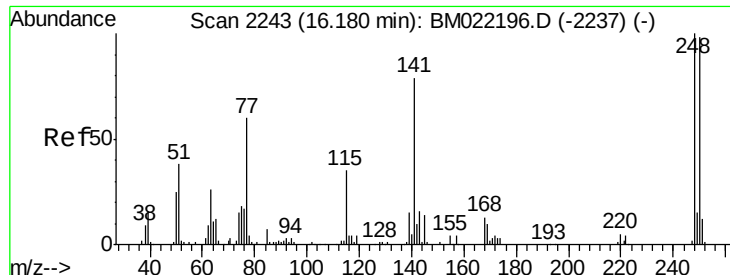
#66
 n-Nitrosodiphenylamine
 Concen: 43.151 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:169 Resp: 107619
 Ion Ratio Lower Upper
 169 100
 168 72.4 56.7 85.1
 167 37.8 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

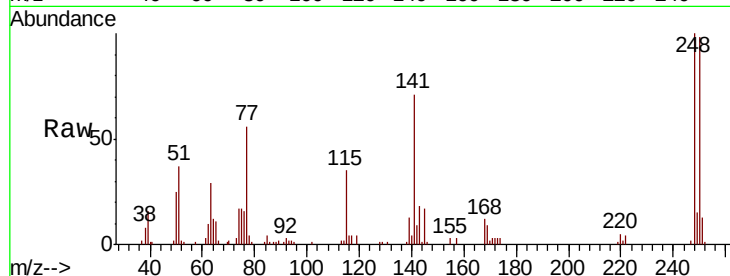




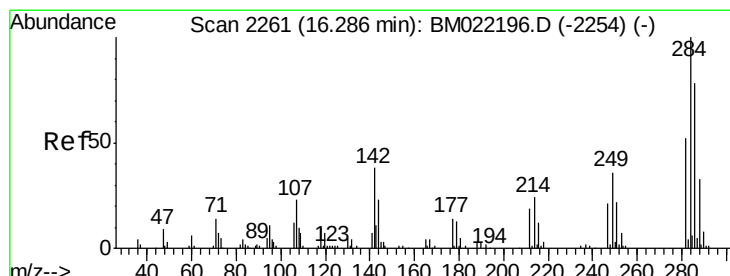
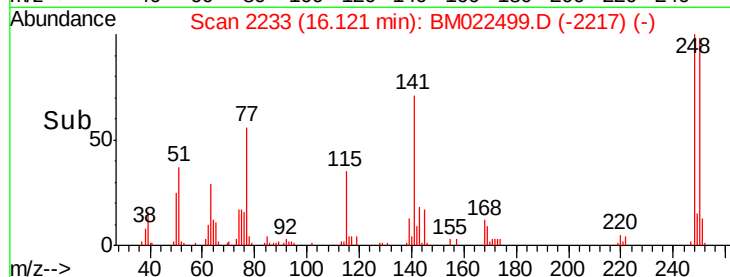
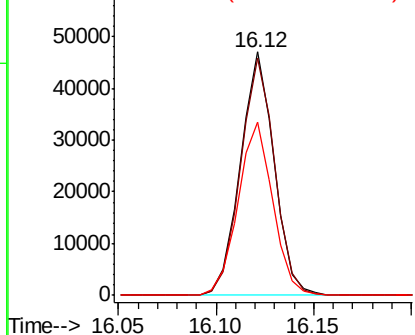
#67
 4-Bromophenyl-phenylether
 Concen: 43.308 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 56288
 Ion Ratio Lower Upper
 248 100
 250 97.6 73.6 110.4
 141 71.0 53.3 79.9

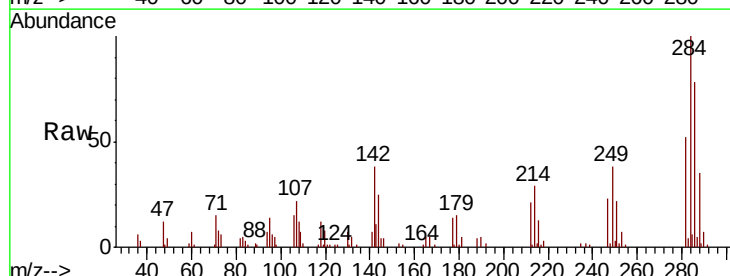


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

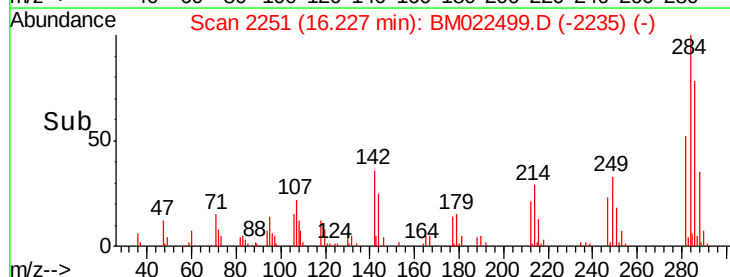
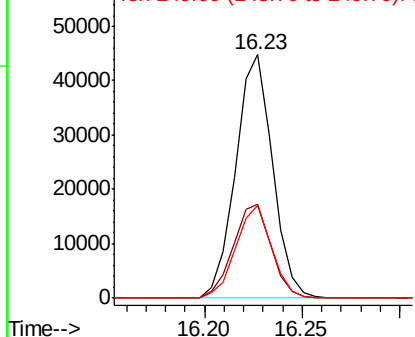


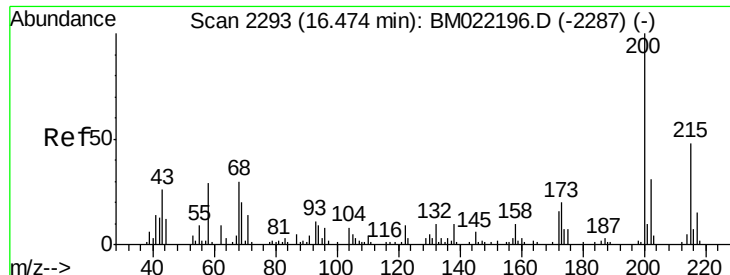
#68
 Hexachlorobenzene
 Concen: 39.730 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:284 Resp: 58492
 Ion Ratio Lower Upper
 284 100
 142 38.3 30.2 45.4
 249 37.8 28.8 43.2



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: 40.815 ng

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

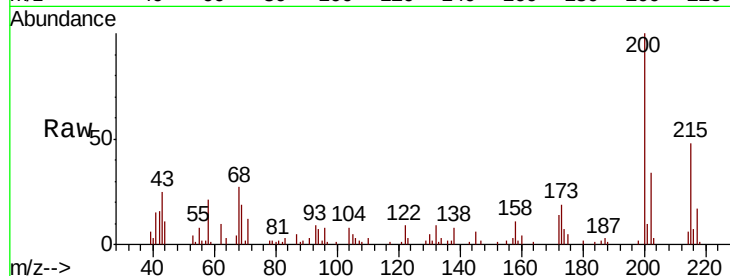
Tot Ion:200 Resp: 43339

Ion Ratio Lower Upper

200 100

173 18.8 0.0 39.9

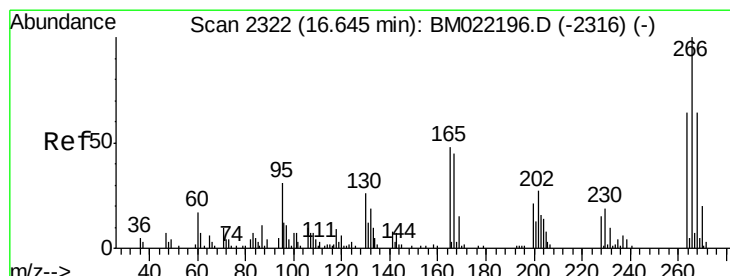
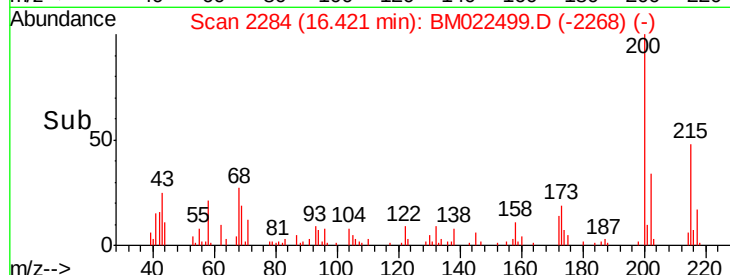
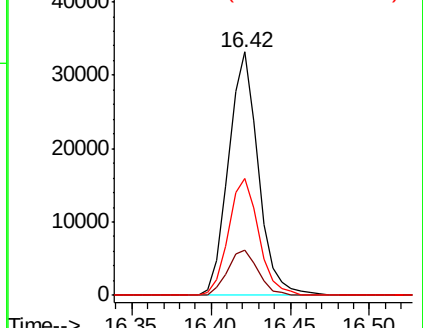
215 48.2 27.8 67.8



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: 87.931 ng

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

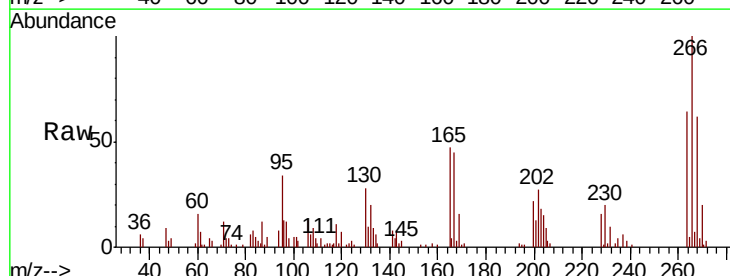
Tgt Ion:266 Resp: 57904

Ion Ratio Lower Upper

266 100

268 61.6 48.4 72.6

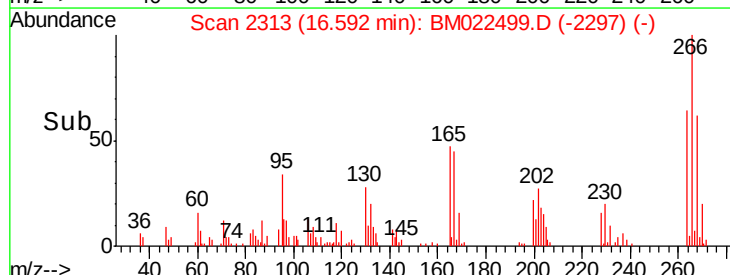
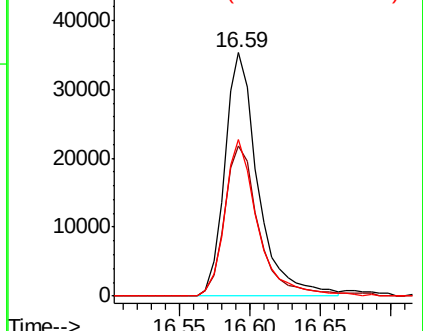
264 64.4 51.7 77.5

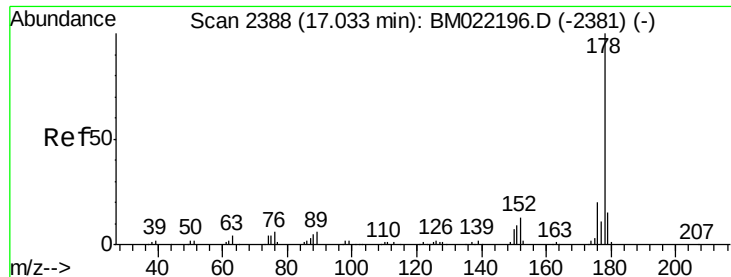


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

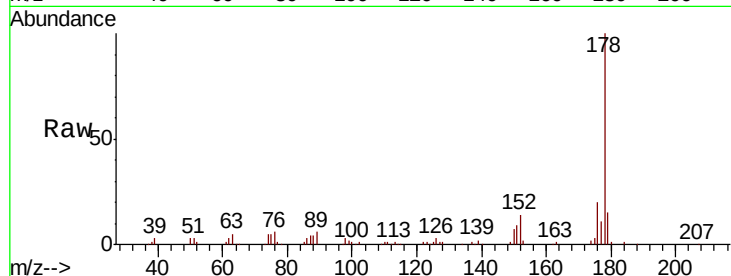




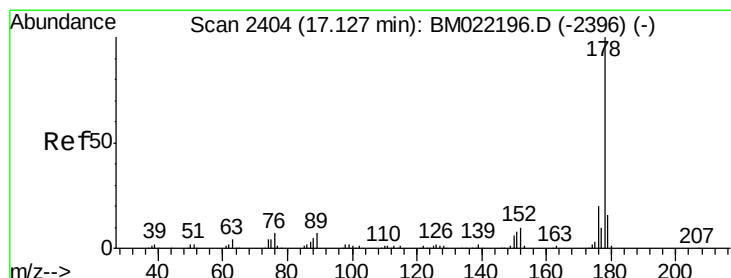
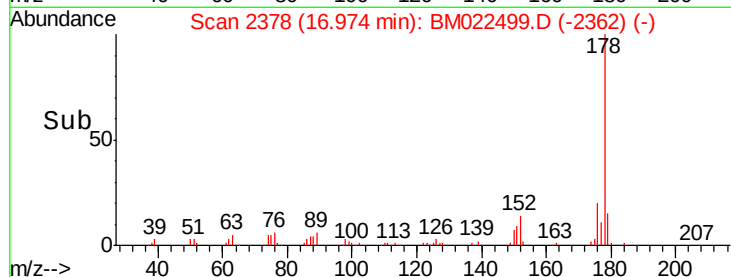
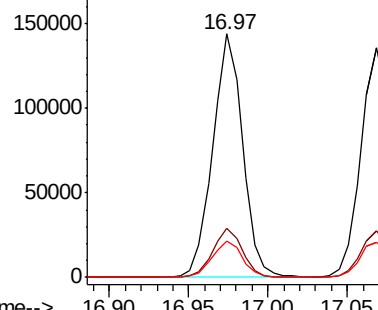
#71
Phenanthrene
Concen: 39.138 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 188456
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 15.1 12.3 18.5

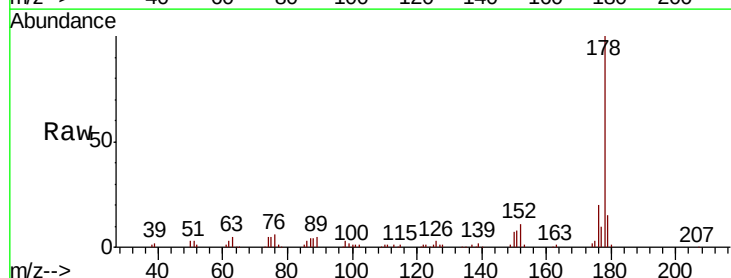


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

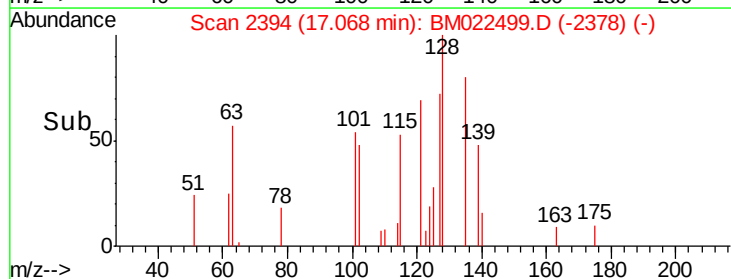
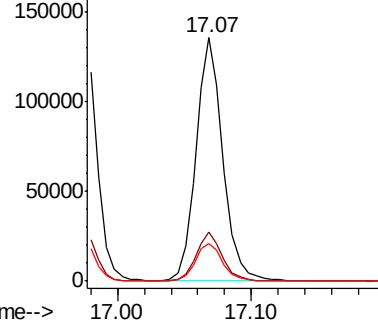


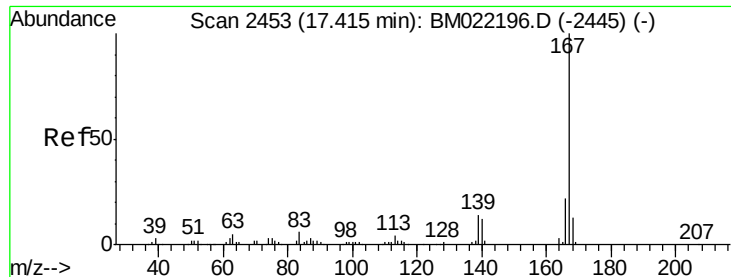
#72
Anthracene
Concen: 39.683 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:178 Resp: 188002
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.4
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

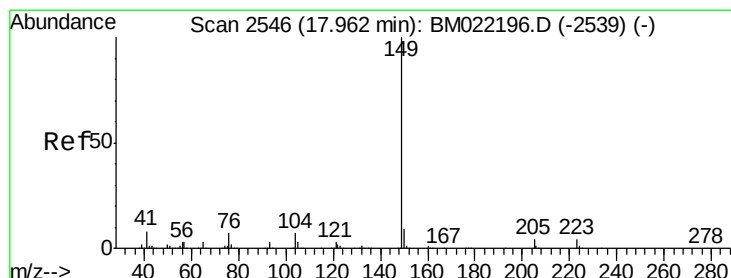
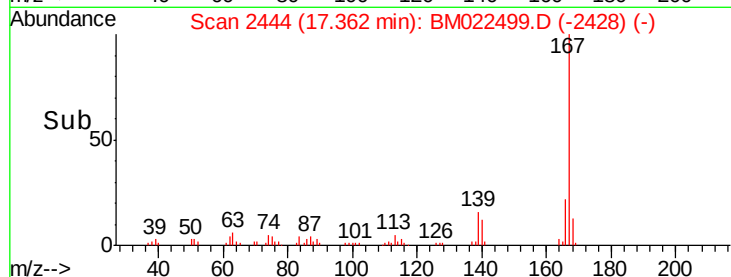
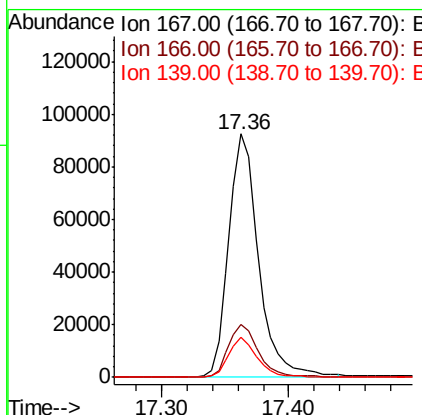
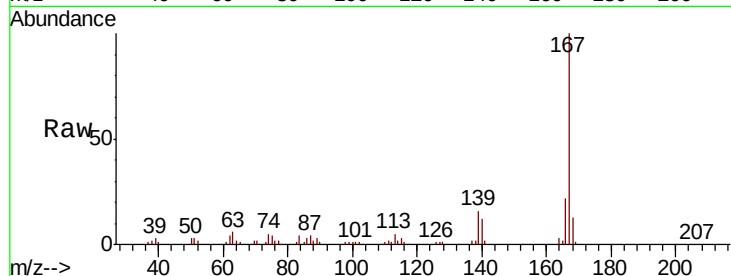




#73
 Carbazole
 Concen: 38.610 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

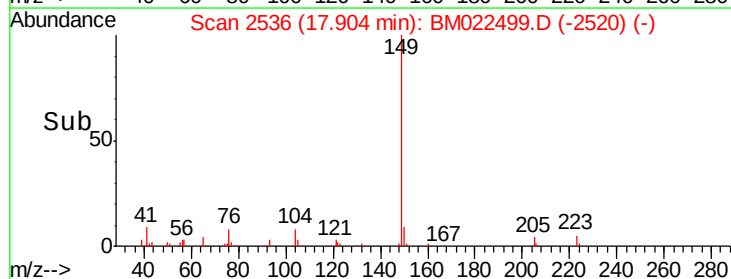
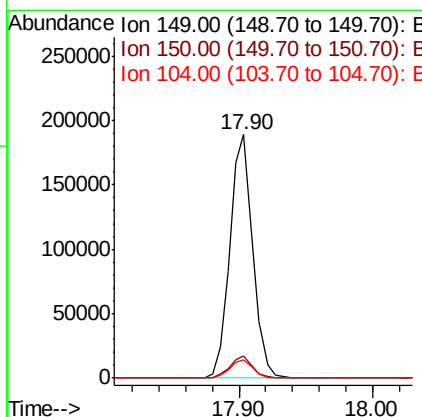
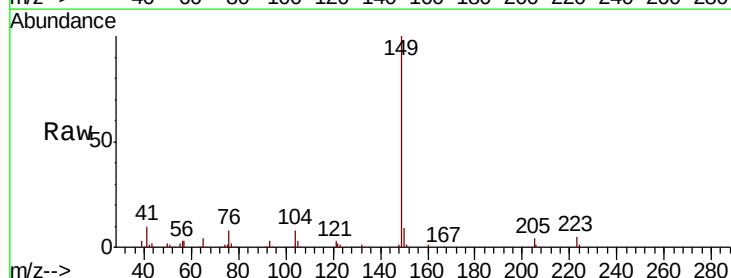
Instrument :
 BNA_M
 ClientSampleId :

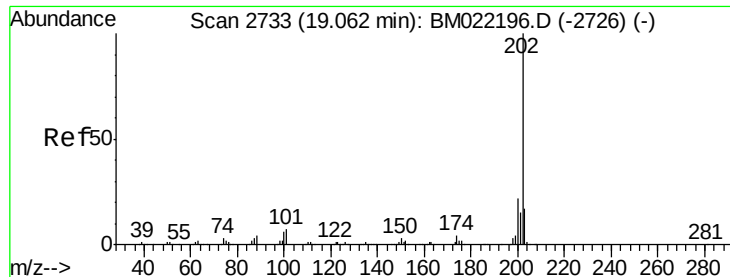
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	16.5	11.6	17.4



#74
 Di-n-butylphthalate
 Concen: 42.805 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	7.6	5.6	8.4





#75

Fluoranthene

Concen: 38.710 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM022499.D

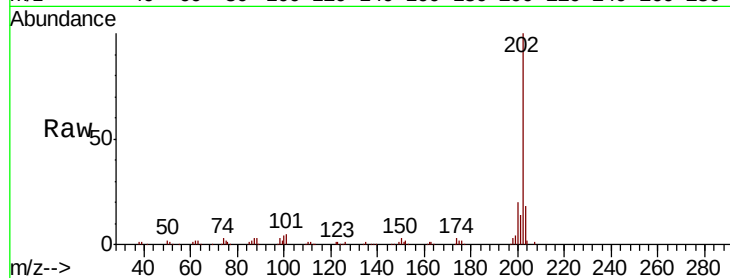
Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampled :

Tot Ion:	202	Resp:	248221
Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	25.1
203	17.7	0.0	37.1

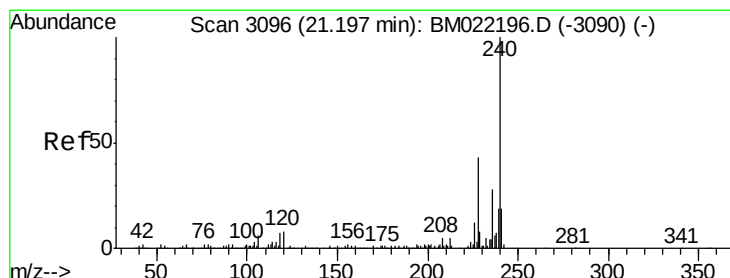
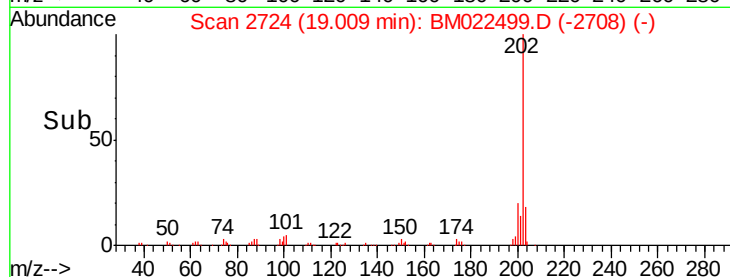
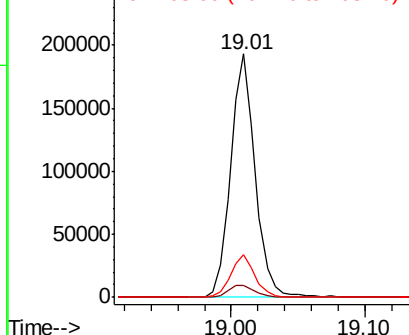


Abundance

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

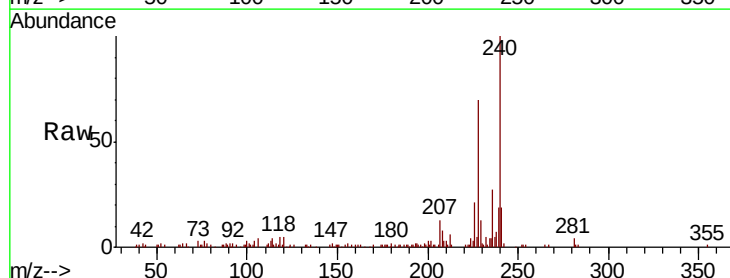
RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	240	Resp:	92819
Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.9	5.9
236	27.5	21.4	32.2

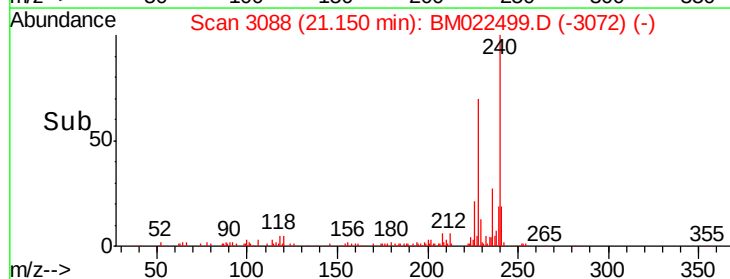
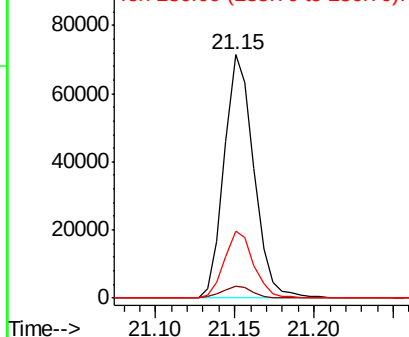


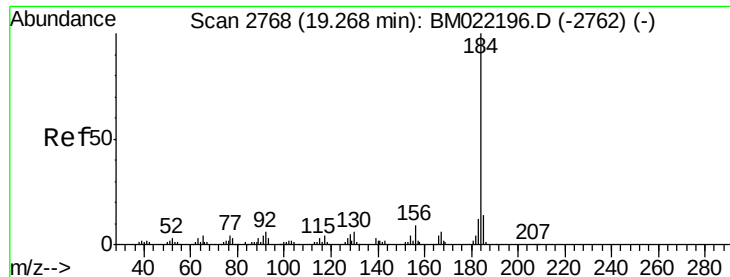
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.325 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

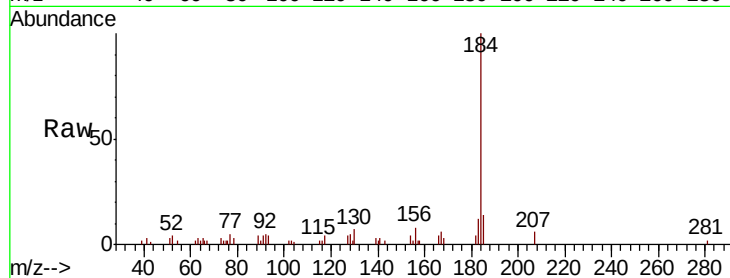
Tot Ion:184 Resp: 44271

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 12.0 9.4 14.2

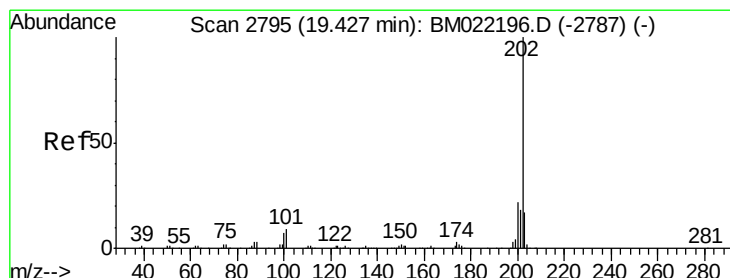
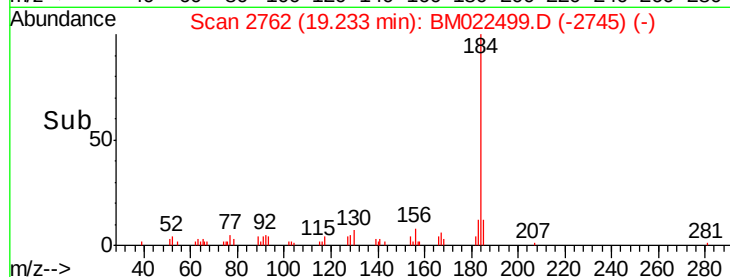
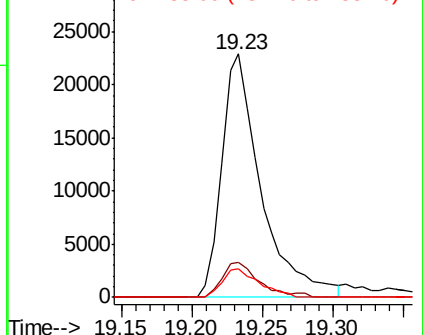


Abundance

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: 40.622 ng

RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

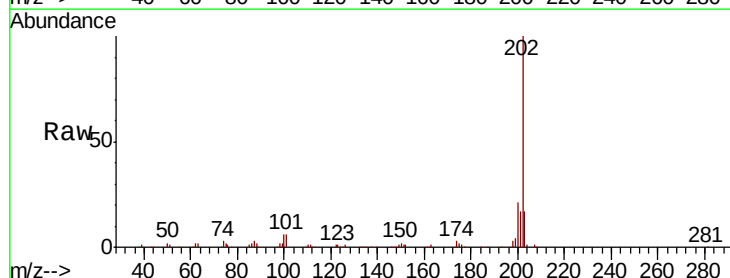
Tgt Ion:202 Resp: 256961

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

203 16.9 13.8 20.8

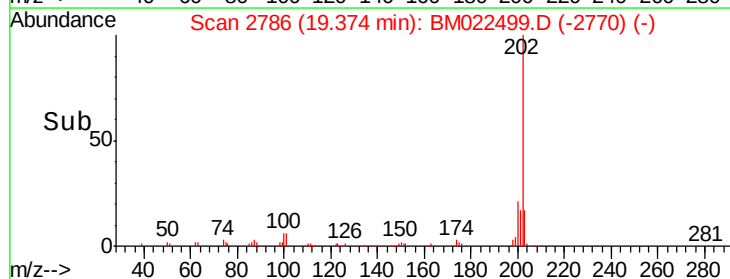
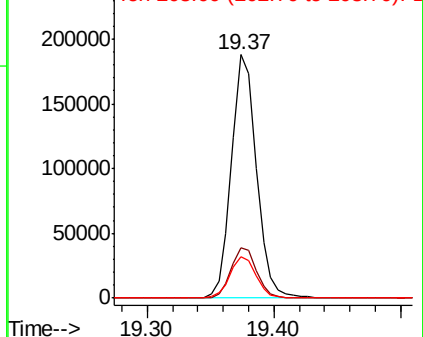


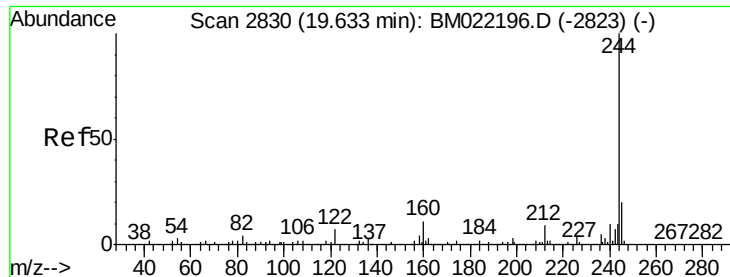
Abundance

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: 65.901 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

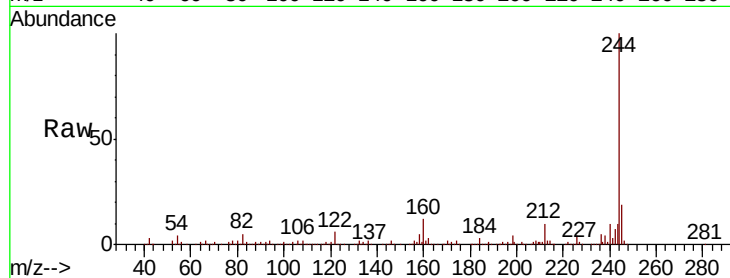
Tot Ion:244 Resp: 463485

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

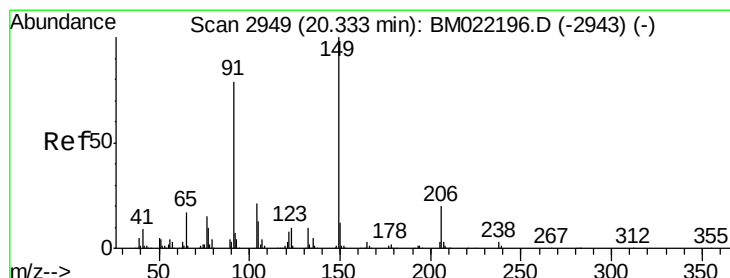
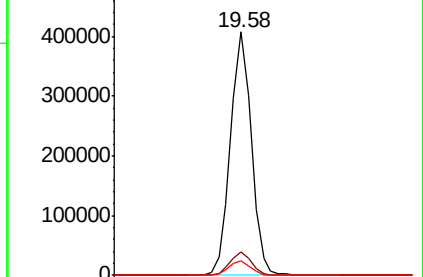
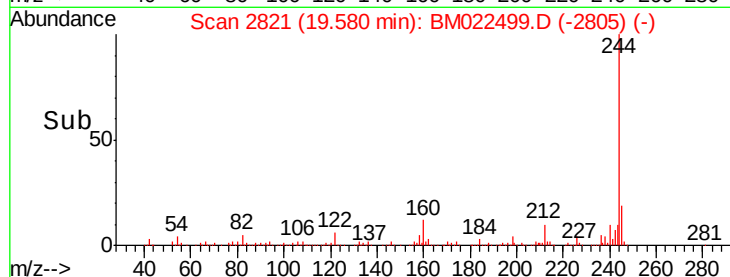
122 5.7 3.9 5.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.124 ng

RT: 20.29 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

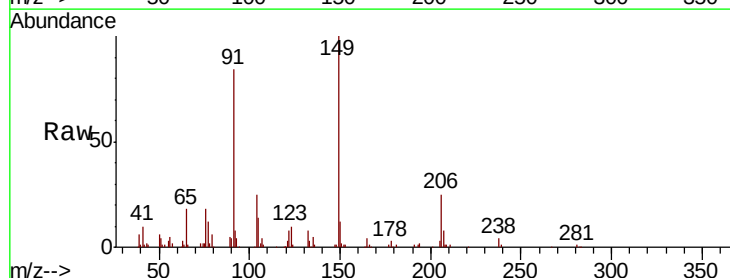
Tgt Ion:149 Resp: 97406

Ion Ratio Lower Upper

149 100

91 84.0 64.0 96.0

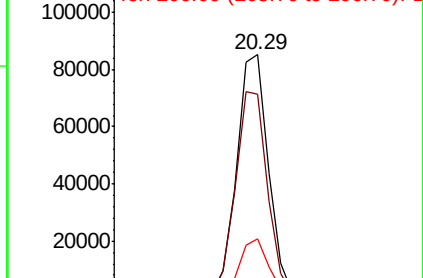
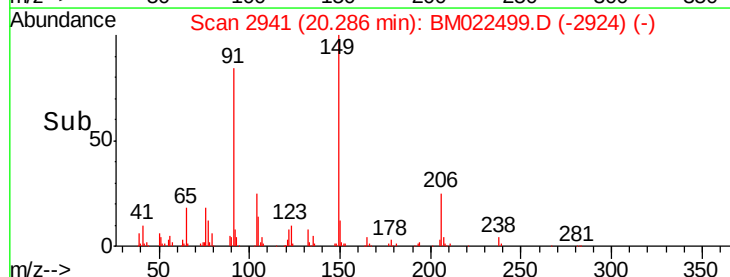
206 24.5 17.6 26.4

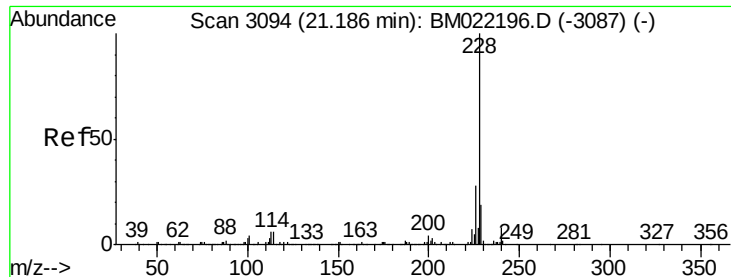


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

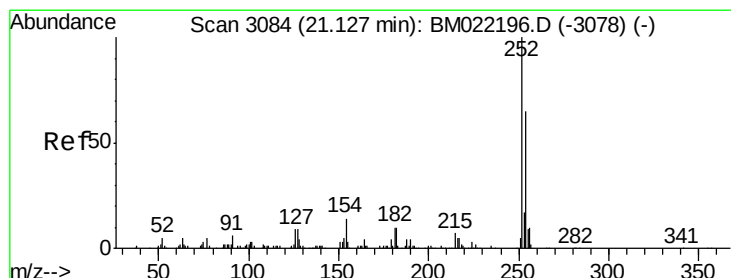
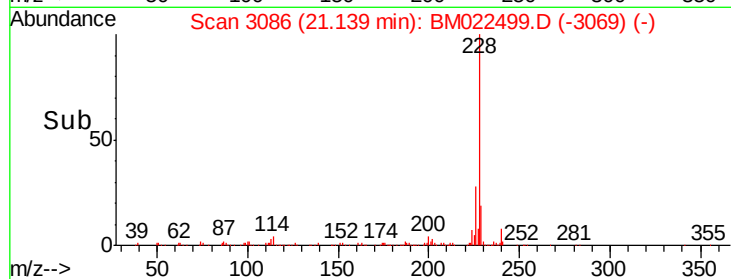
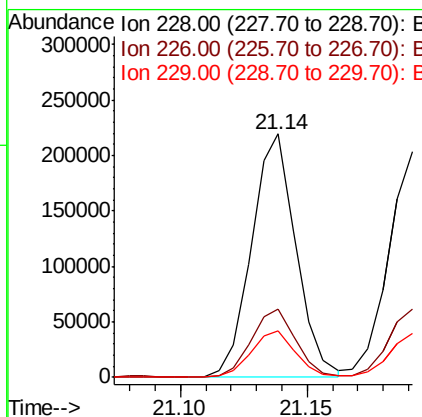
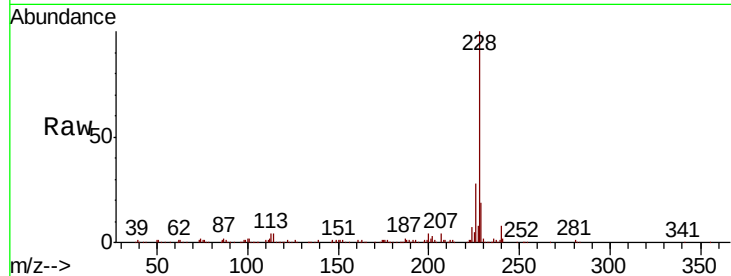




#81
Benzo(a)anthracene
Concen: 40.029 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

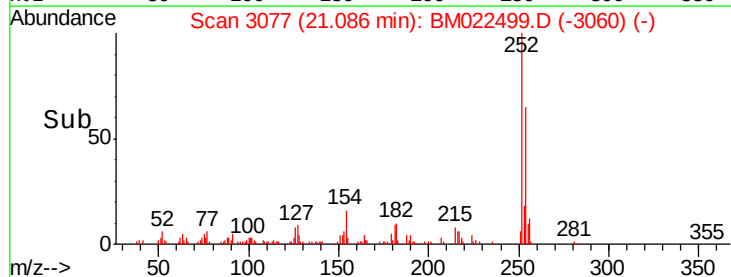
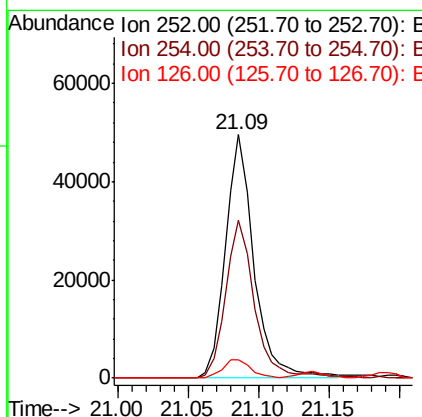
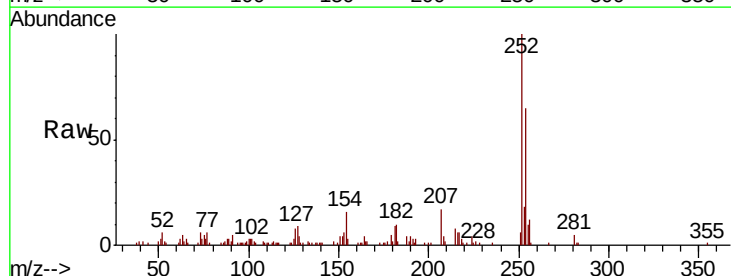
Instrument :
BNA_M
ClientSampled :

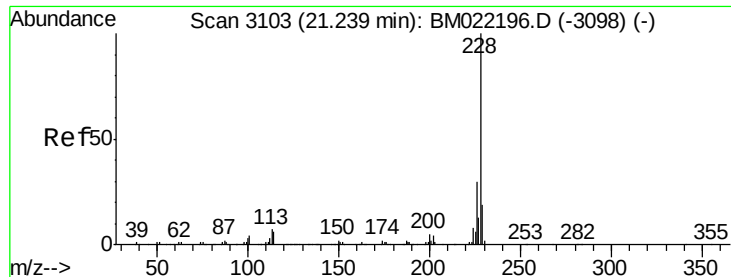
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.2	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.715 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	7.8	5.8	8.8





#83

Chrysene

Concen: 40.624 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

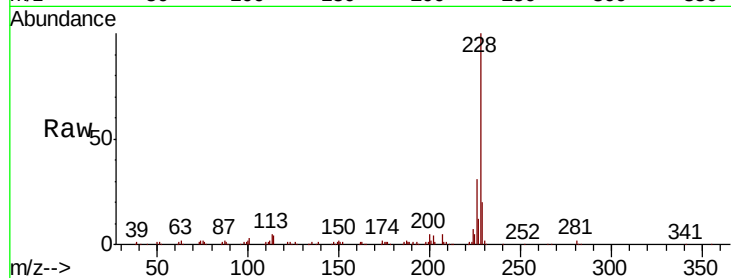
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 257606

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	19.5	15.7	23.5

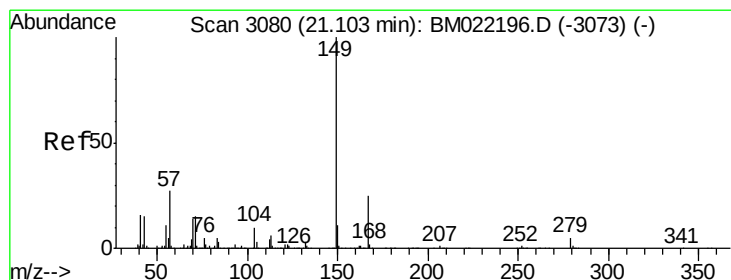
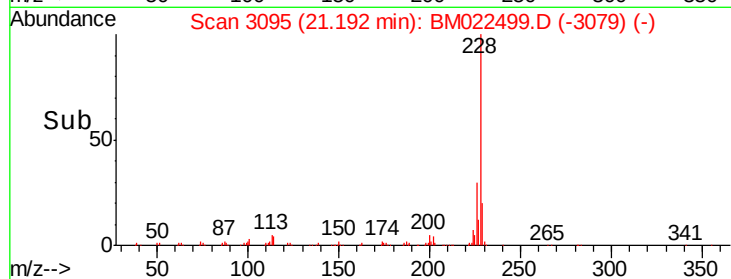
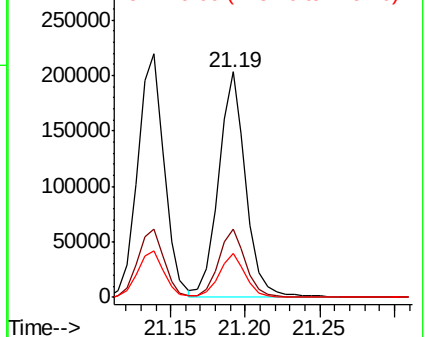


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.031 ng

RT: 21.05 min Scan# 3071

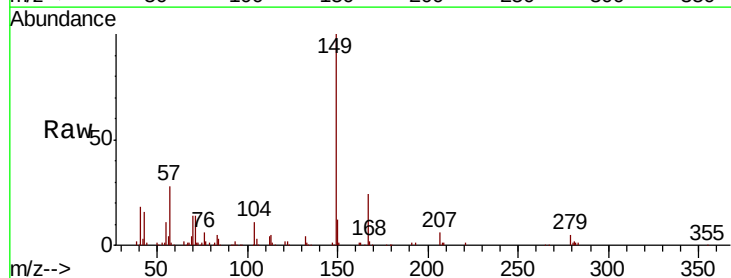
Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:149 Resp: 146969

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.6	29.4
279	5.2	4.4	6.6

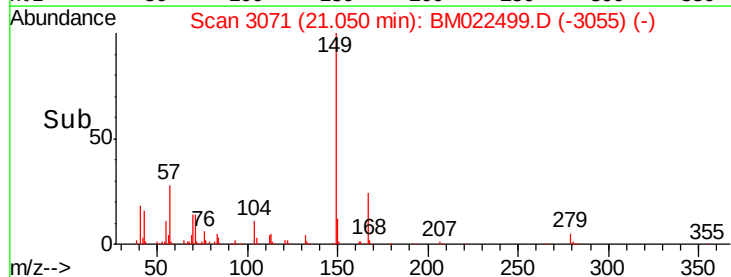
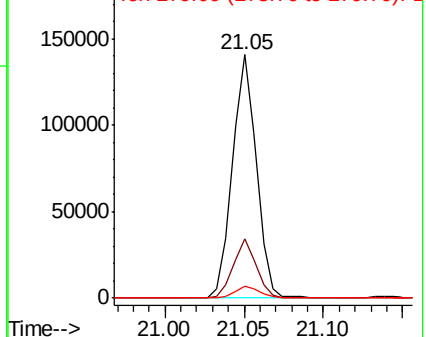


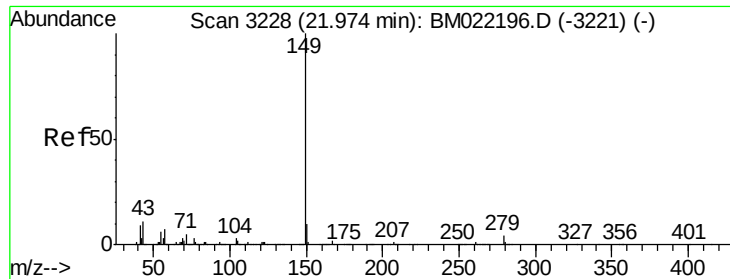
Abundance

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: 51.625 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

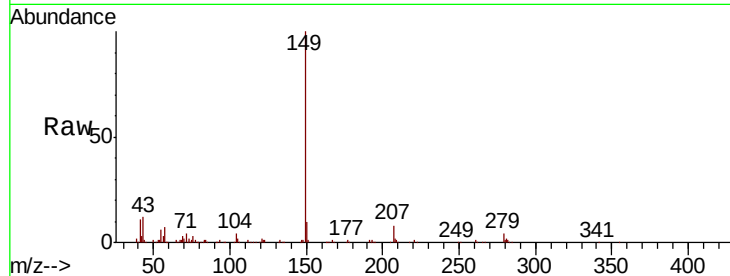
Tot Ion:149 Resp: 248528

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

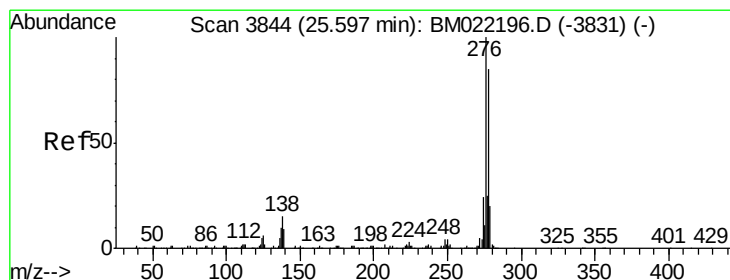
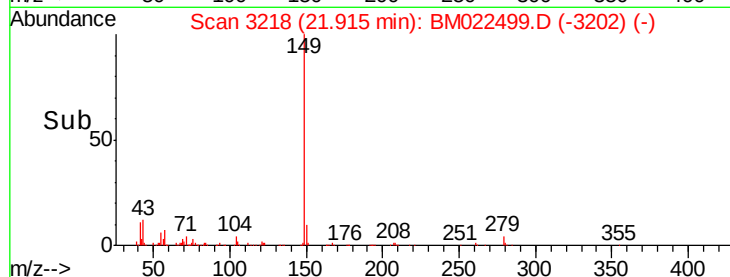
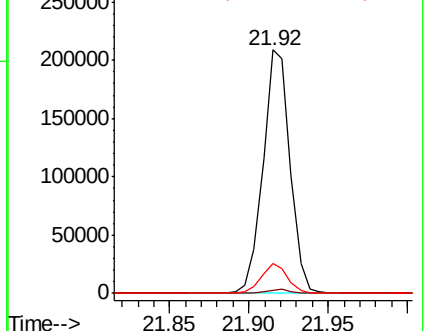
43 11.4 9.0 13.6



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: 58.138 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

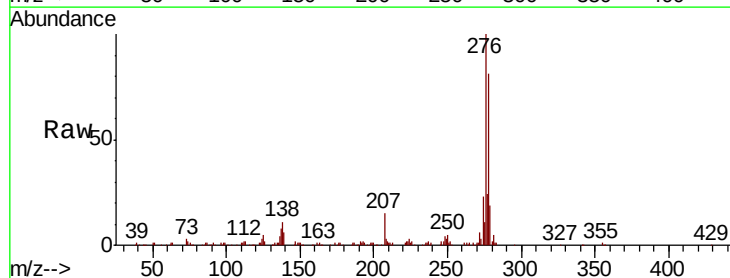
Tgt Ion:276 Resp: 370830

Ion Ratio Lower Upper

276 100

138 11.9 9.1 13.7

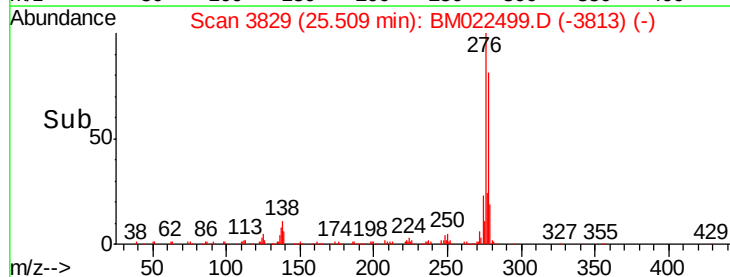
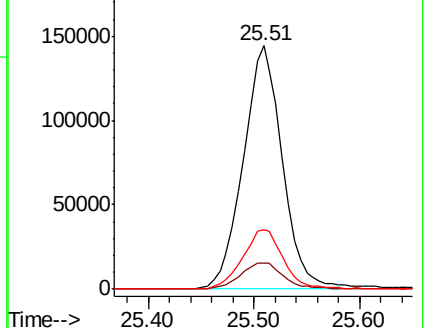
277 25.3 20.0 30.0

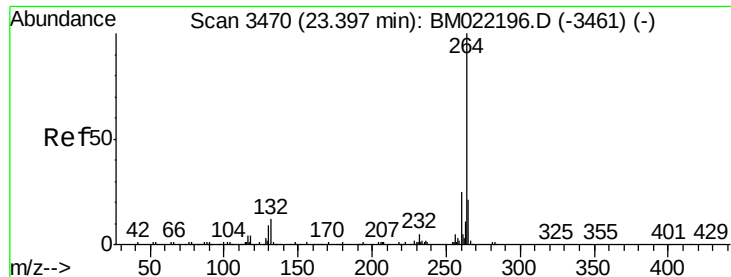


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

ClientSampleId :

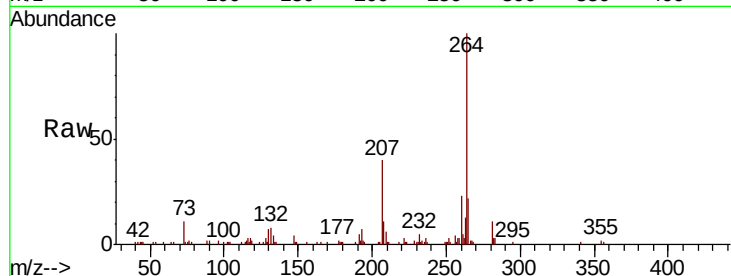
Tot Ion:264 Resp: 101258

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.2

265 21.6 18.2 27.2

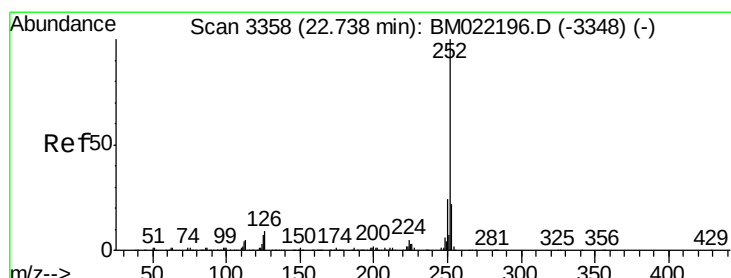
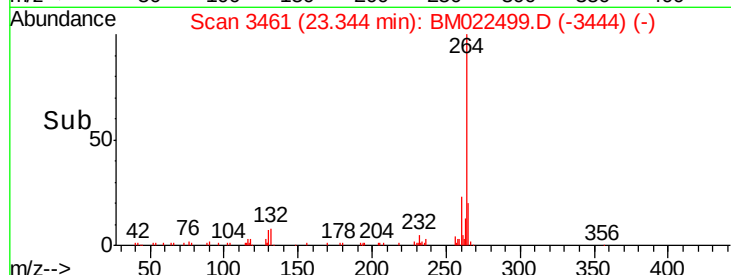
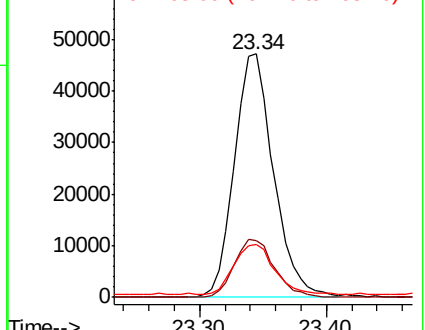


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.695 ng

RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

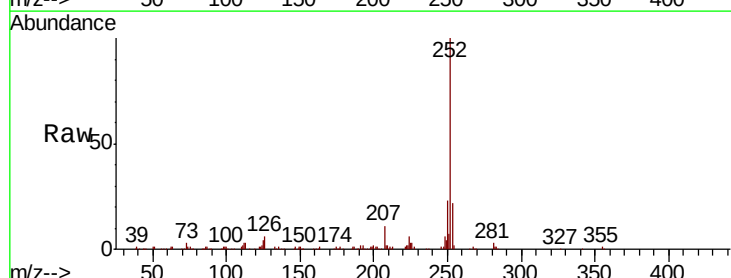
Tgt Ion:252 Resp: 265164

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 4.3 3.5 5.3

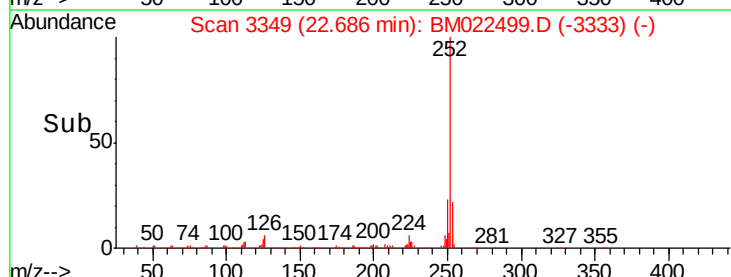
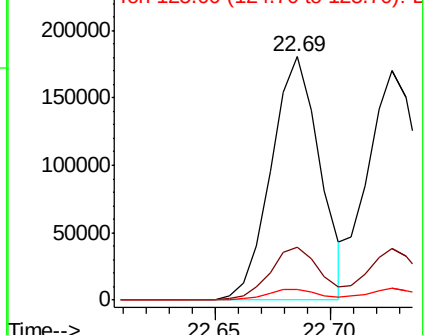


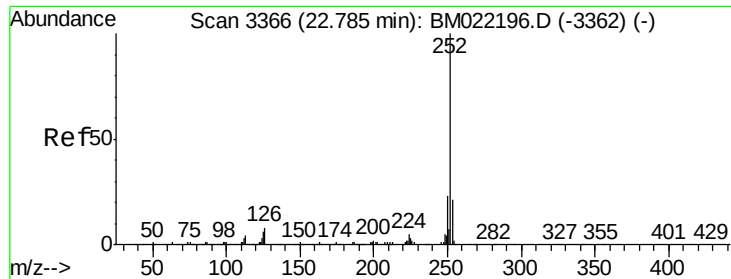
Abundance

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

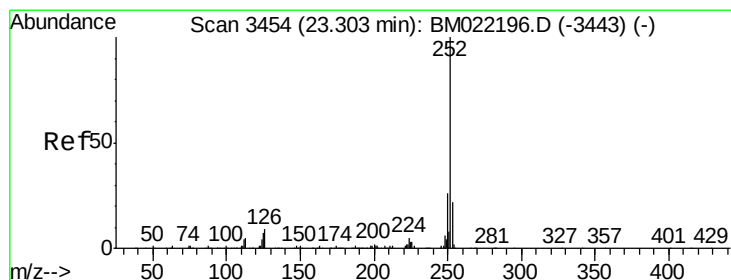
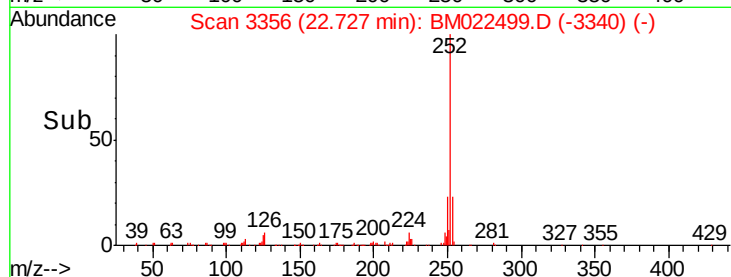
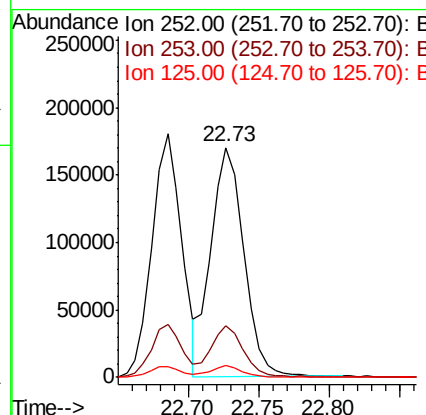
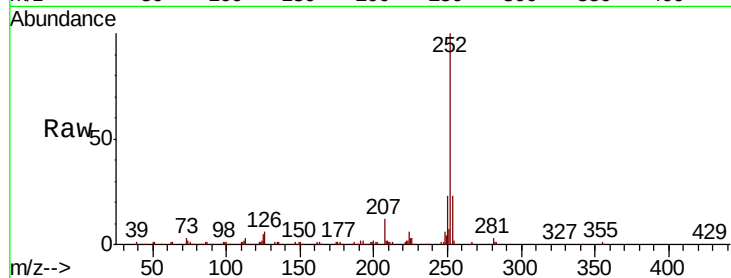




#89
Benzo(k)fluoranthene
Concen: 39.558 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

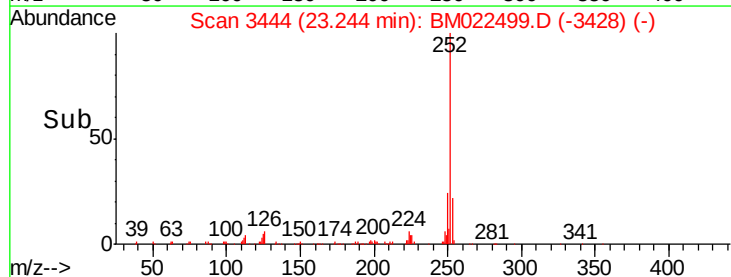
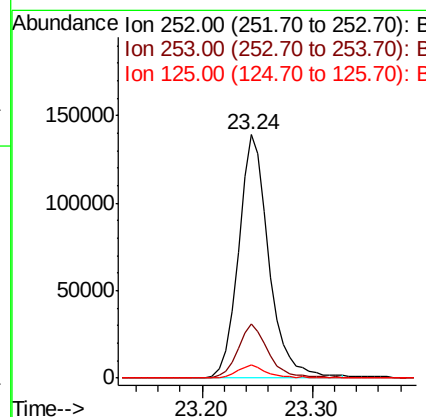
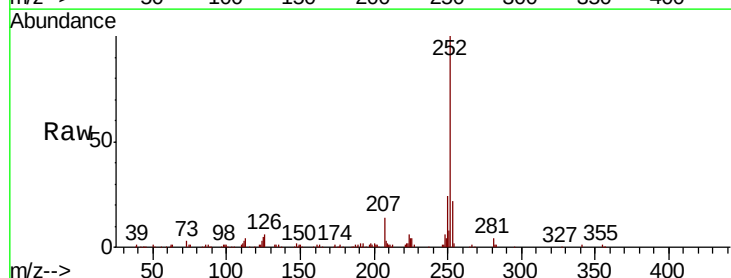
Instrument :
BNA_M
ClientSampled :

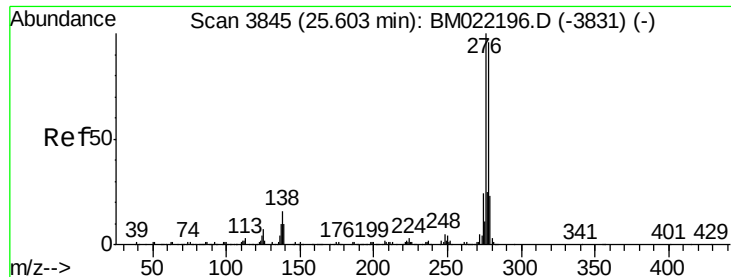
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	5.0	3.7	5.5



#90
Benzo(a)pyrene
Concen: 42.837 ng
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	5.4	3.8	5.8



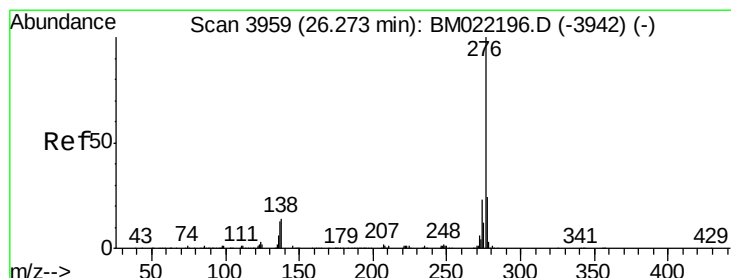
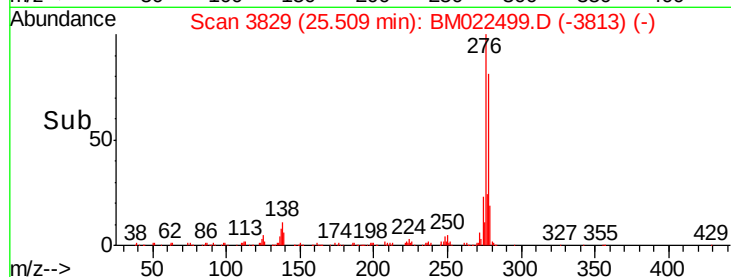
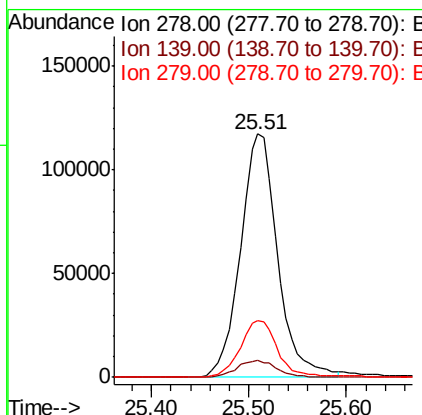
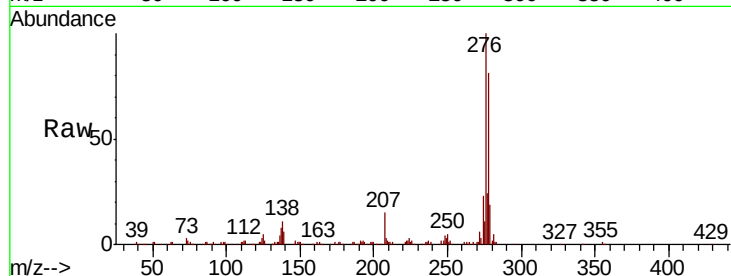


#91
Dibenzo(a,h)anthracene
Concen: 49.879 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 310549

Ion	Ratio	Lower	Upper
278	100		
139	7.0	6.6	9.8
279	23.2	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 52.852 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:276 Resp: 286787

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	9.6	8.8	13.2

