

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022432.D
 Acq On : 30 Aug 2019 09:07
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 30 14:25:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22452	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	99722	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	72324	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	172263	20.00	ng	0.00
76) Chrysene-d12	21.17	240	254436	20.00	ng	0.00
87) Perylene-d12	23.36	264	244193	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	107438	84.00	ng	0.00
7) Phenol-d6	6.72	99	147516	86.24	ng	0.00
23) Nitrobenzene-d5	8.70	82	189839	83.38	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	117985	79.72	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	491495	76.99	ng	0.00
79) Terphenyl-d14	19.60	244	1412050	73.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	23633	40.040	ng	98
3) Pyridine	3.53	79	65635	46.230	ng	98
4) n-Nitrosodimethylamine	3.46	42	40467	41.342	ng	# 98
6) Aniline	6.88	93	95108	43.630	ng	99
8) 2-Chlorophenol	7.09	128	63091	42.853	ng	98
9) Benzaldehyde	6.70	77	47784	44.840	ng	91
10) Phenol	6.75	94	74508	43.361	ng	99
11) bis(2-Chloroethyl)ether	6.97	93	58755	45.308	ng	98
12) 1,3-Dichlorobenzene	7.41	146	75590	42.315	ng	98
13) 1,4-Dichlorobenzene	7.56	146	77315	42.716	ng	96
14) 1,2-Dichlorobenzene	7.86	146	76422	42.117	ng	96
15) Benzyl Alcohol	7.79	79	73538	45.317	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	74241	44.177	ng	97
17) 2-Methylphenol	7.98	107	53834	43.080	ng	96
18) Hexachloroethane	8.56	117	34264	40.829	ng	98
19) n-Nitroso-di-n-propylamine	8.34	70	57740	43.495	ng	98
20) 3+4-Methylphenols	8.32	107	74386	43.835	ng	99
22) Acetophenone	8.36	105	113621	41.261	ng	98
24) Nitrobenzene	8.74	77	91238	41.628	ng	97
25) Isophorone	9.26	82	153616	42.971	ng	98
26) 2-Nitrophenol	9.44	139	38061	43.352	ng	98
27) 2,4-Dimethylphenol	9.50	122	54865	41.894	ng	95
28) bis(2-Chloroethoxy)methane	9.73	93	86701	41.914	ng	96
29) 2,4-Dichlorophenol	9.97	162	70825	41.334	ng	94
30) 1,2,4-Trichlorobenzene	10.16	180	88413	40.521	ng	98
31) Naphthalene	10.35	128	212706	41.008	ng	98
32) Benzoic acid	9.72	122	46818	45.388	ng	98
33) 4-Chloroaniline	10.49	127	95949	42.992	ng	97
34) Hexachlorobutadiene	10.59	225	83942	39.004	ng	96
35) Caprolactam	11.33	113	20134	46.230	ng	95
36) 4-Chloro-3-methylphenol	11.63	107	76617	42.424	ng	97
37) 2-Methylnaphthalene	11.97	142	159726	40.523	ng	98
38) 1-Methylnaphthalene	12.19	142	154139	40.515	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	132149	38.500	ng	98

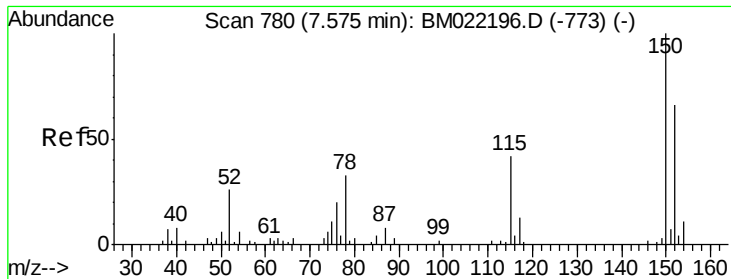
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022432.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	44094	38.180	ng	95
43) 2,4,6-Trichlorophenol	12.61	196	75956	40.997	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	75003	40.827	ng	97
46) 1,1'-Biphenyl	13.00	154	233943	39.587	ng	98
47) 2-Chloronaphthalene	13.05	162	186564	39.760	ng	100
48) 2-Nitroaniline	13.30	65	64873	42.926	ng	100
49) Acenaphthylene	13.91	152	286821	40.500	ng	98
50) Dimethylphthalate	13.66	163	259791	41.300	ng	100
51) 2,6-Dinitrotoluene	13.80	165	52888	42.801	ng	96
52) Acenaphthene	14.25	154	169455	39.897	ng	99
53) 3-Nitroaniline	14.14	138	51608	43.497	ng	95
54) 2,4-Dinitrophenol	14.38	184	28151	42.251	ng	97
55) Dibenzofuran	14.59	168	285758	39.938	ng	99
56) 4-Nitrophenol	14.48	139	33684	45.116	ng	96
57) 2,4-Dinitrotoluene	14.61	165	77604	43.683	ng	# 92
58) Fluorene	15.24	166	255229	39.927	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	85857	41.470	ng	99
60) Diethylphthalate	15.03	149	273131	41.569	ng	99
61) 4-Chlorophenyl-phenylether	15.24	204	171823	39.089	ng	99
62) 4-Nitroaniline	15.33	138	53034	47.757	ng	91
63) Azobenzene	15.54	77	268139	40.882	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	43926	42.733	ng	100
66) n-Nitrosodiphenylamine	15.47	169	207863	39.967	ng	97
67) 4-Bromophenyl-phenylether	16.14	248	106189	39.179	ng	95
68) Hexachlorobenzene	16.24	284	123236	40.140	ng	95
69) Atrazine	16.44	200	87028	39.303	ng	99
70) Pentachlorophenol	16.61	266	59529	43.350	ng	98
71) Phenanthrene	17.00	178	408363	40.669	ng	99
72) Anthracene	17.09	178	401238	40.614	ng	100
73) Carbazole	17.38	167	351220	43.009	ng	99
74) Di-n-butylphthalate	17.92	149	480549	43.398	ng	99
75) Fluoranthene	19.03	202	594564	44.464	ng	99
77) Benzidine	19.24	184	204140	47.648	ng	100
78) Pyrene	19.40	202	614659	35.448	ng	99
80) Butylbenzylphthalate	20.30	149	248756	41.107	ng	99
81) Benzo(a)anthracene	21.16	228	760373	41.636	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	255368	45.078	ng	98
83) Chrysene	21.21	228	715820	41.180	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	370178	45.052	ng	97
85) Di-n-octyl phthalate	21.94	149	638275	48.368	ng	99
86) Indeno(1,2,3-cd)pyrene	25.55	276	704073	40.268	ng	99
88) Benzo(b)fluoranthene	22.71	252	729257	42.988	ng	99
89) Benzo(k)fluoranthene	22.76	252	699260	41.551	ng	99
90) Benzo(a)pyrene	23.27	252	629834	41.829	ng	98
91) Dibenzo(a,h)anthracene	25.55	278	594969	39.626	ng	98
92) Benzo(g,h,i)perylene	26.21	276	481989	36.833	ng	99

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

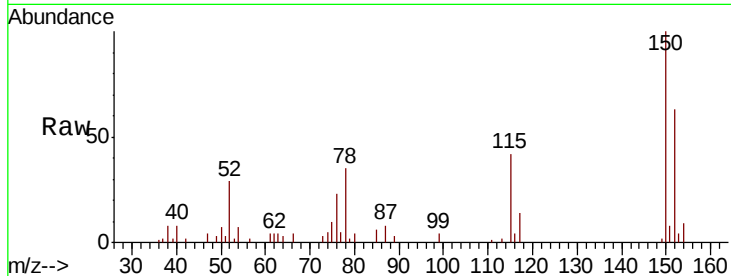


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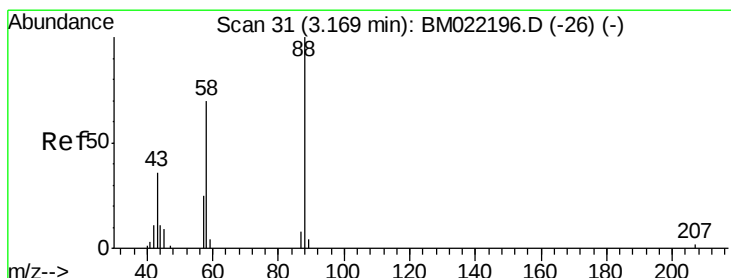
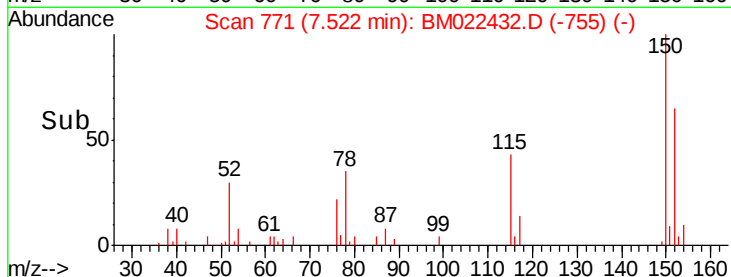
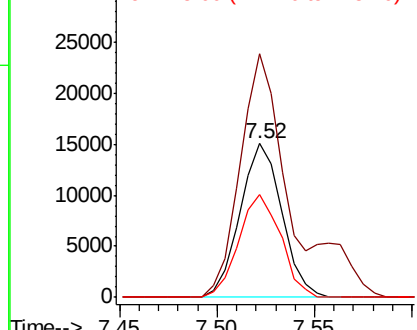
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 22452
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.0
115 66.5 50.3 75.5



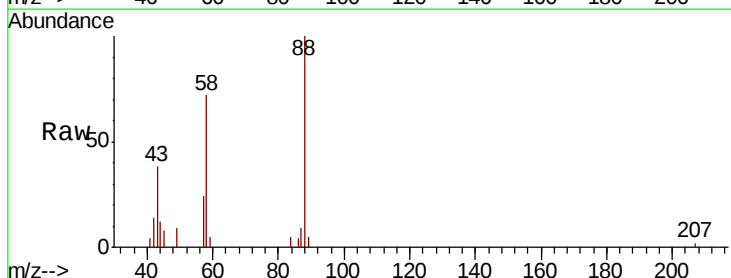
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



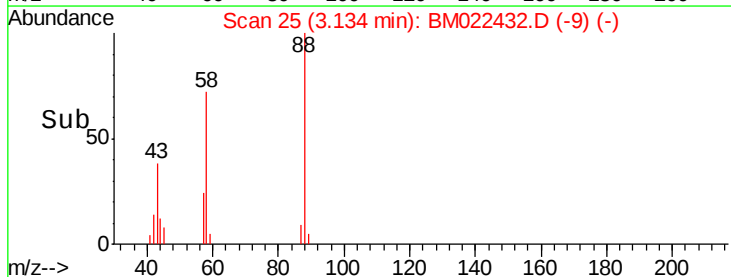
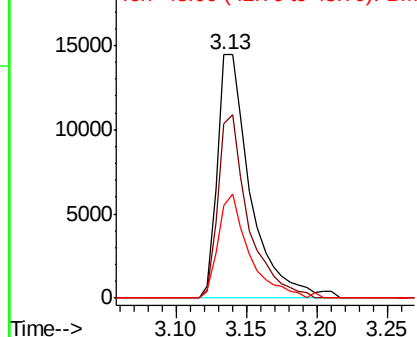
#2

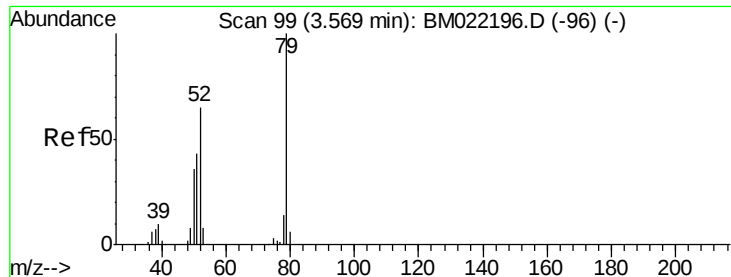
1,4-Dioxane
Concen: 40.040 ng
RT: 3.13 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion: 88 Resp: 23633
Ion Ratio Lower Upper
88 100
58 68.7 53.8 80.8
43 40.2 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: 46.230 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

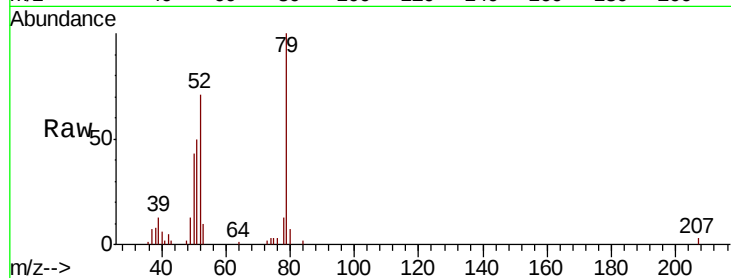
Tot Ion: 79 Resp: 65635

Ion Ratio Lower Upper

79 100

52 70.8 54.8 82.2

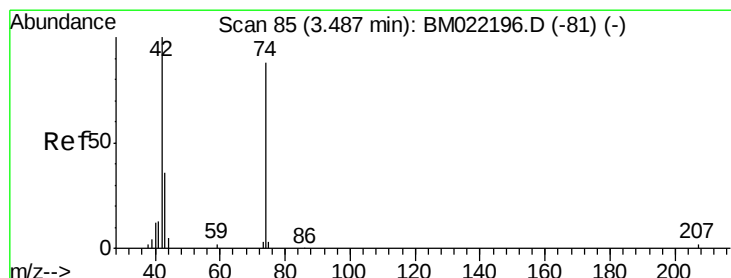
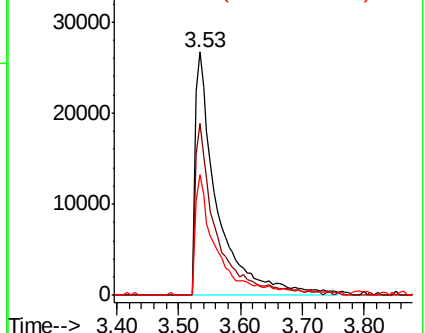
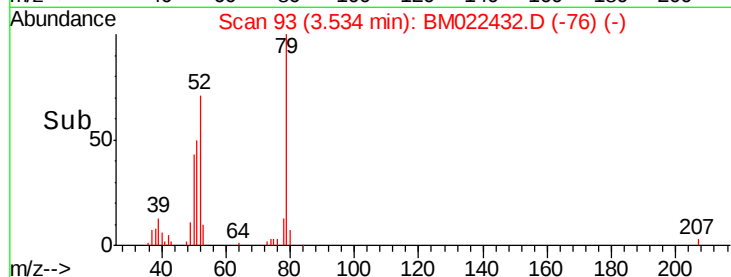
51 49.7 40.2 60.4



Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM022196.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM022196.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 41.342 ng

RT: 3.46 min Scan# 80

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

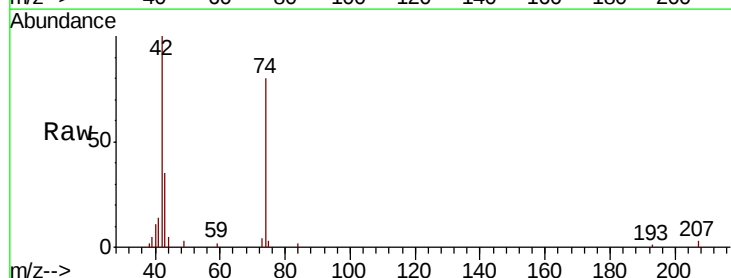
Tgt Ion: 42 Resp: 40467

Ion Ratio Lower Upper

42 100

74 80.5 63.0 94.6

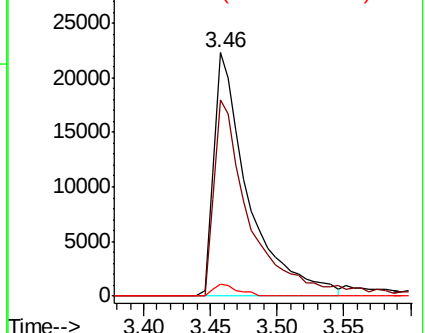
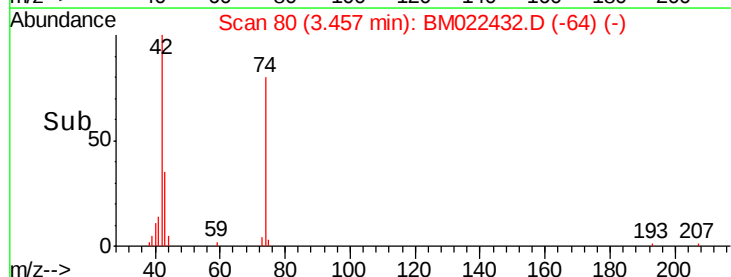
44 4.6 3.0 4.6#

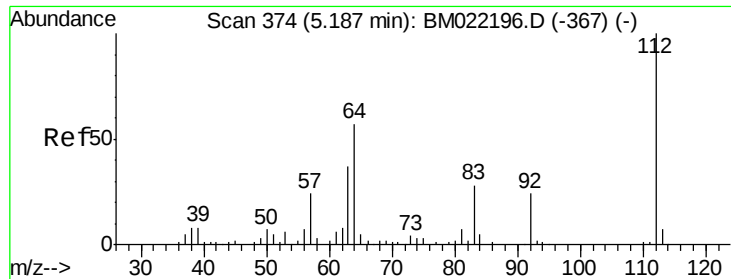


Abundance Ion 42.00 (41.70 to 42.70): BM022196.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM022196.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM022196.D (-81) (-)





#5

2-Fluorophenol

Concen: 83.997 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampled :

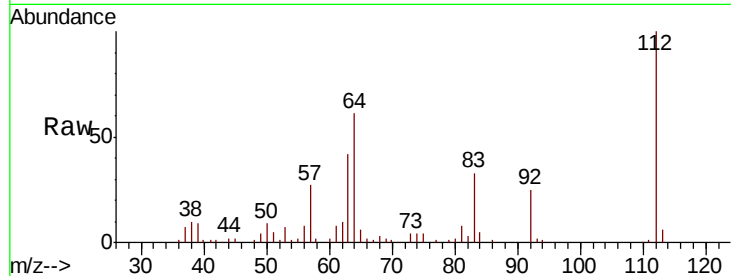
Tot Ion:112 Resp: 107438

Ion Ratio Lower Upper

112 100

64 61.2 45.4 68.2

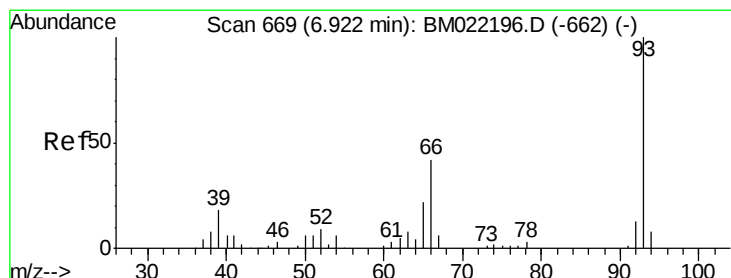
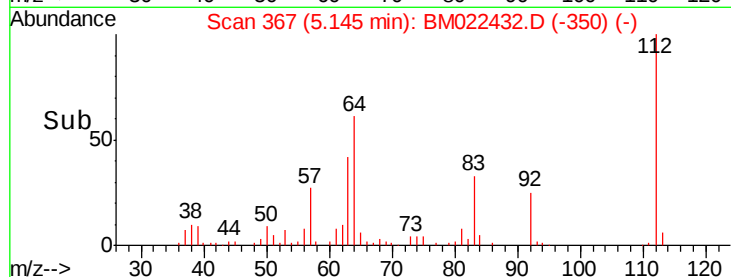
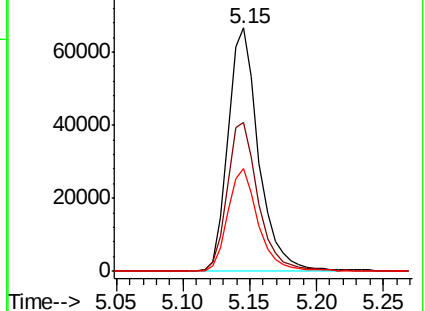
63 42.0 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 43.630 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

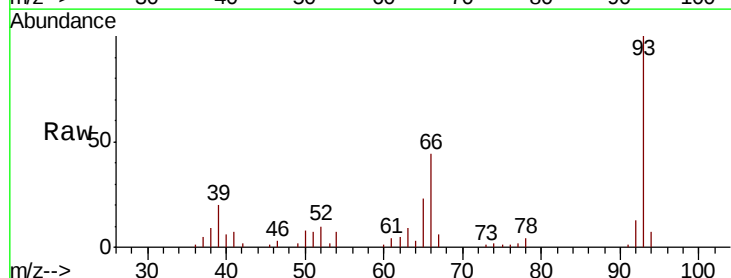
Tgt Ion: 93 Resp: 95108

Ion Ratio Lower Upper

93 100

66 44.0 34.7 52.1

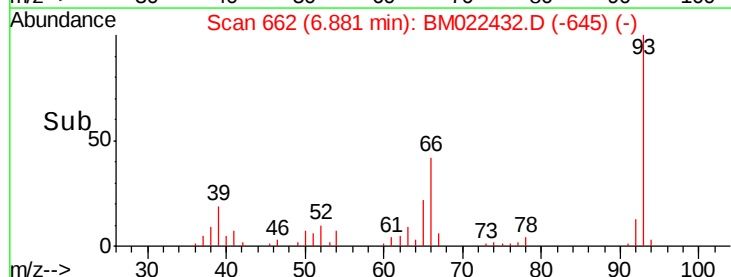
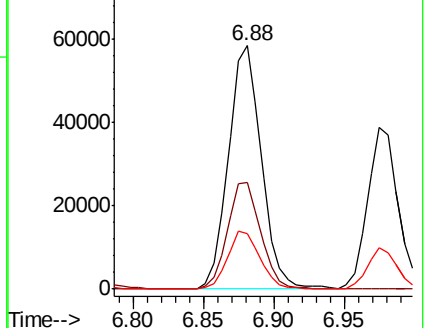
65 23.0 18.8 28.2

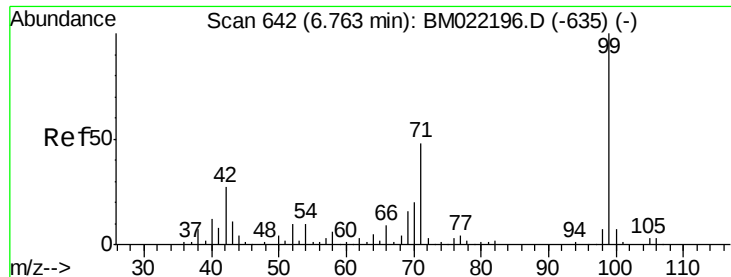


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 86.243 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

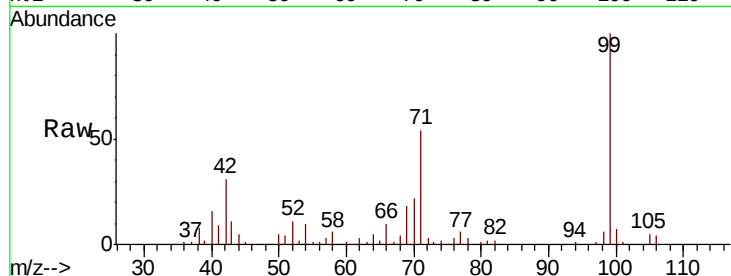
Tot Ion: 99 Resp: 147516

Ion Ratio Lower Upper

99 100

42 30.6 26.3 39.5

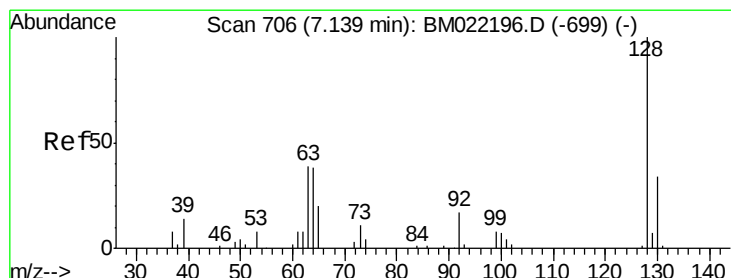
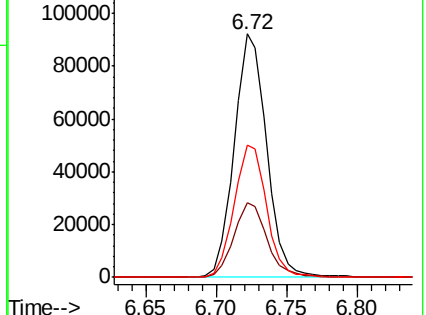
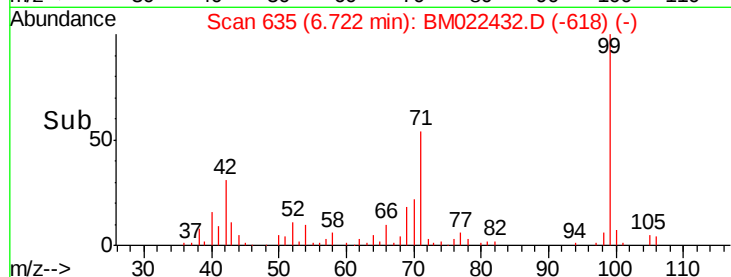
71 54.4 46.6 69.8



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: 42.853 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

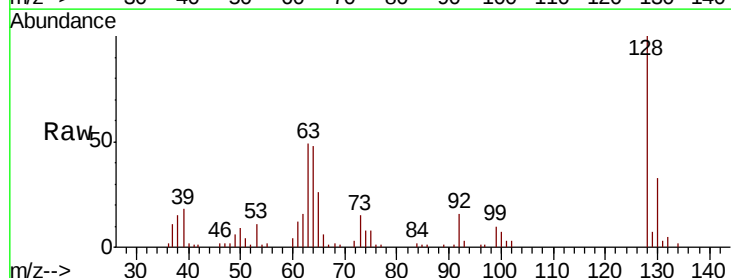
Tgt Ion: 128 Resp: 63091

Ion Ratio Lower Upper

128 100

130 33.1 11.5 51.5

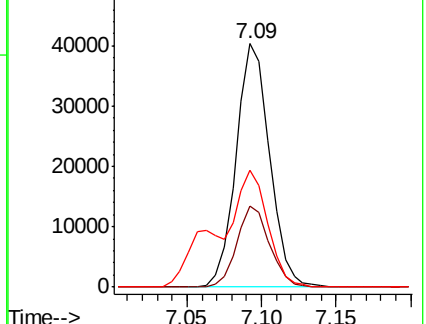
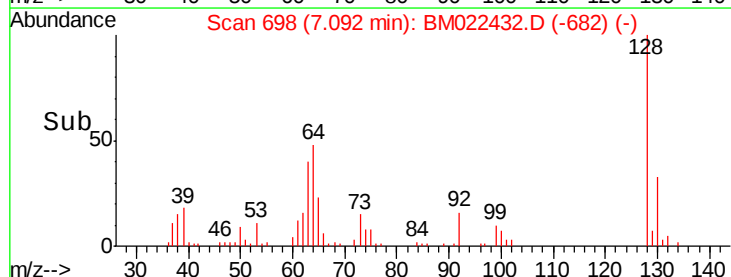
64 47.9 26.7 66.7

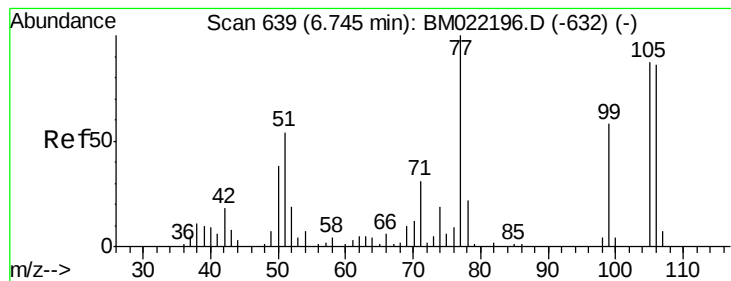


Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

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: 44.840 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampled :

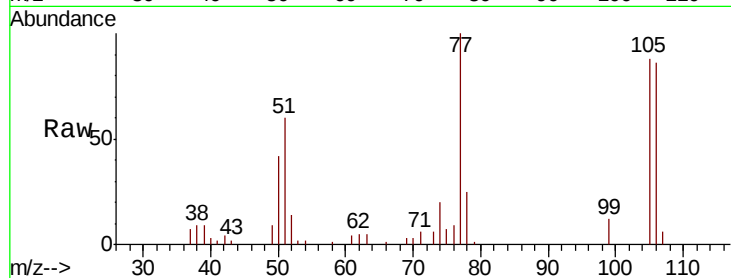
Tot Ion: 77 Resp: 47784

Ion Ratio Lower Upper

77 100

105 88.2 60.1 100.1

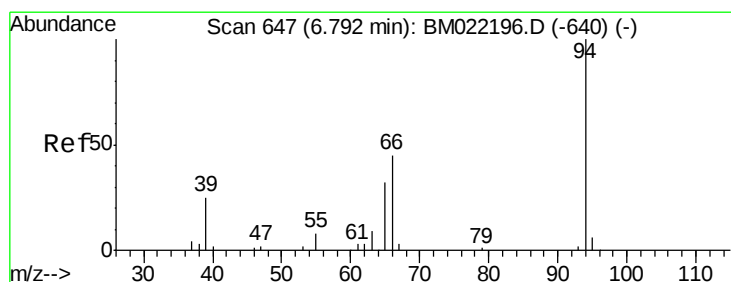
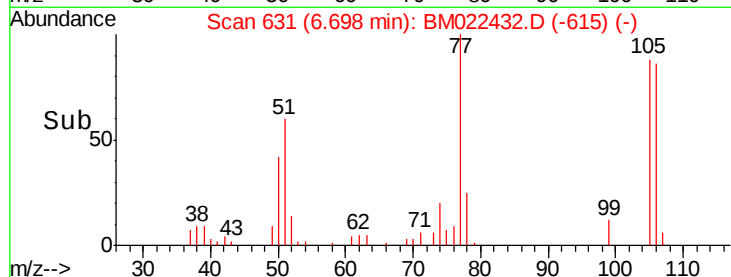
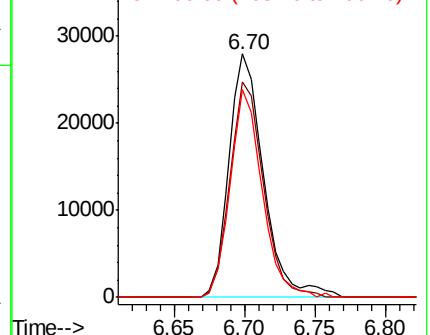
106 85.6 57.4 97.4



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: 43.361 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

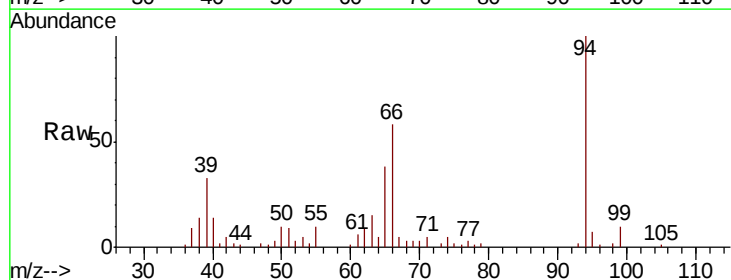
Tgt Ion: 94 Resp: 74508

Ion Ratio Lower Upper

94 100

65 38.1 17.7 57.7

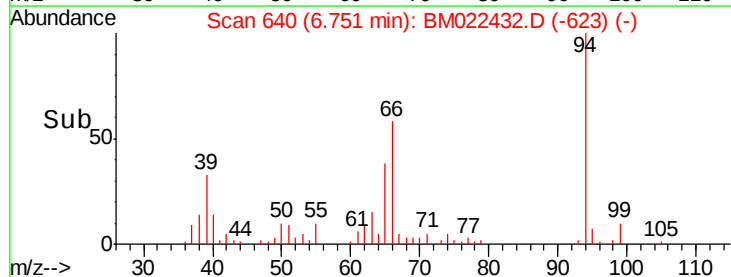
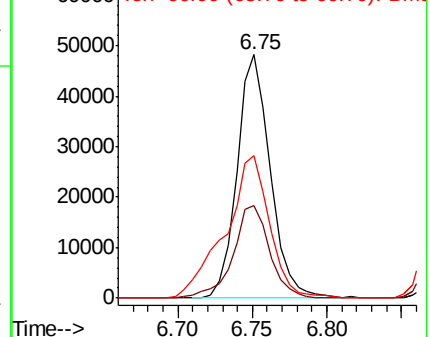
66 58.3 39.6 79.6

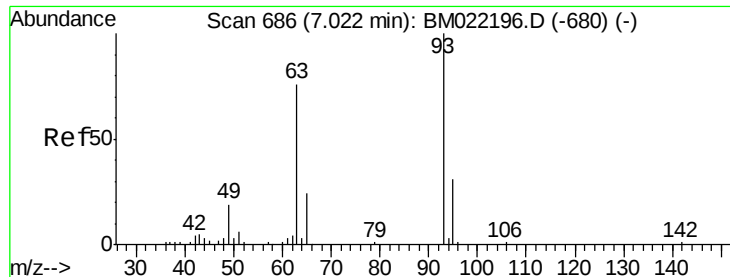


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

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

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

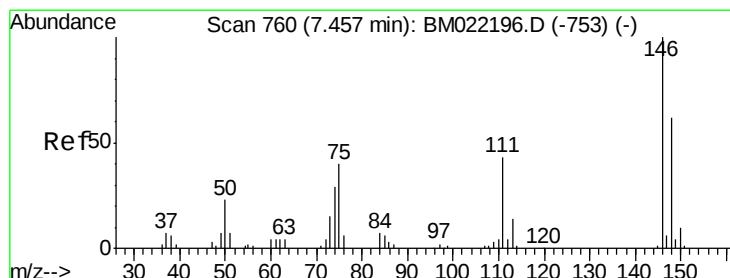
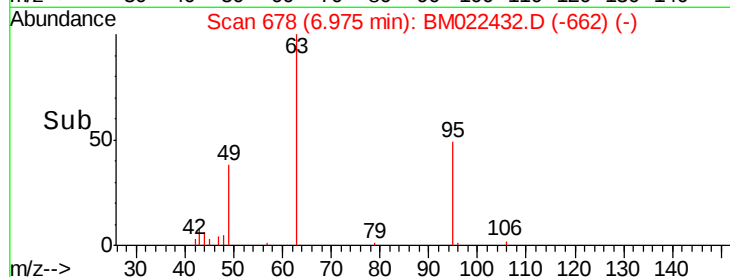
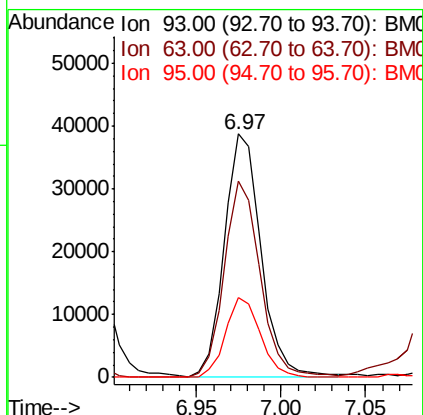
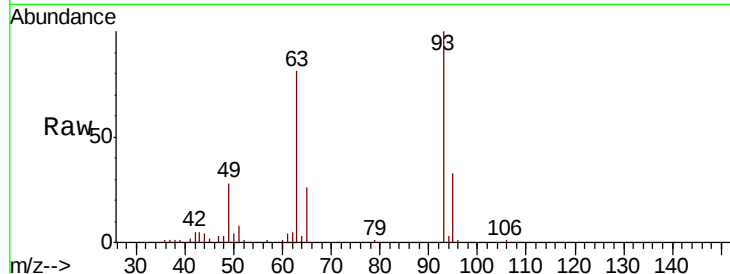




#11
bis(2-Chloroethyl)ether
Concen: 45.308 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

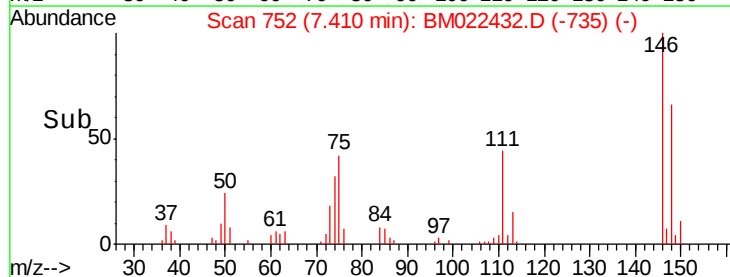
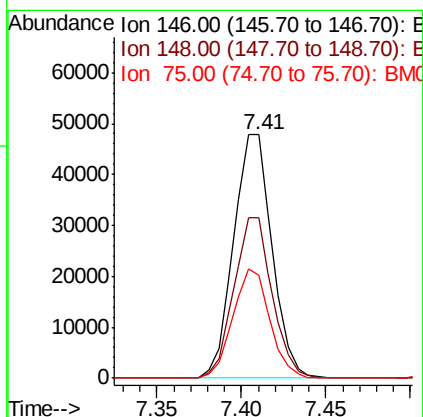
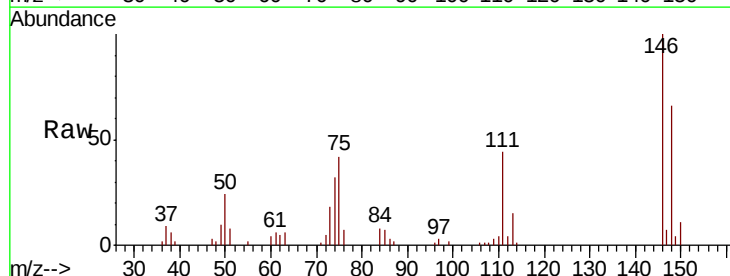
Instrument :
BNA_M
ClientSampled :

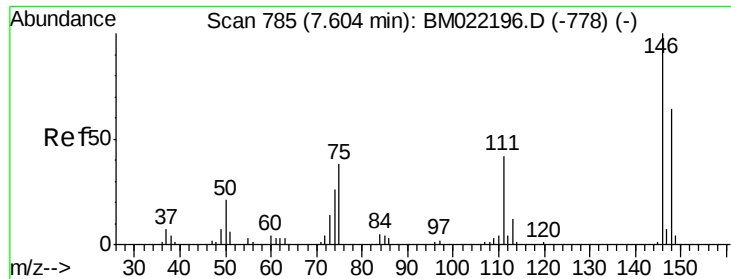
Tot Ion: 93 Resp: 58755
Ion Ratio Lower Upper
93 100
63 80.7 59.1 99.1
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 42.315 ng
RT: 7.41 min Scan# 752
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion: 146 Resp: 75590
Ion Ratio Lower Upper
146 100
148 65.7 51.5 77.3
75 42.4 34.6 52.0

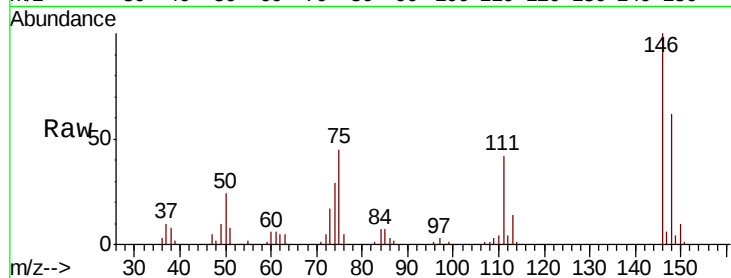




#13
 1,4-Dichlorobenzene
 Concen: 42.716 ng
 RT: 7.56 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.4	80.0
111	42.5	33.5	50.3

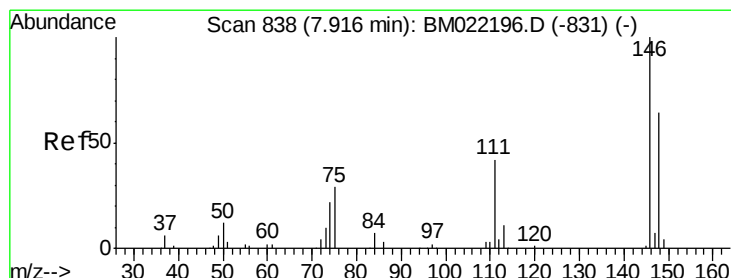
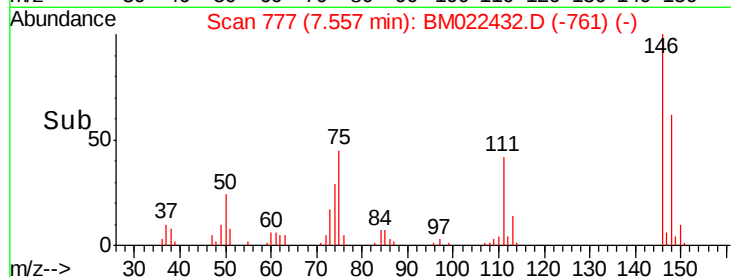
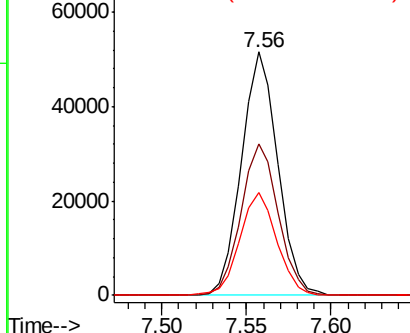


Abundance

Ion 146.00 (145.70 to 146.70): E

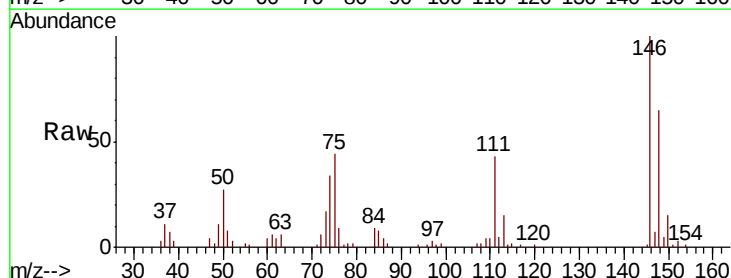
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.117 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.7	82.1
111	43.5	36.7	55.1

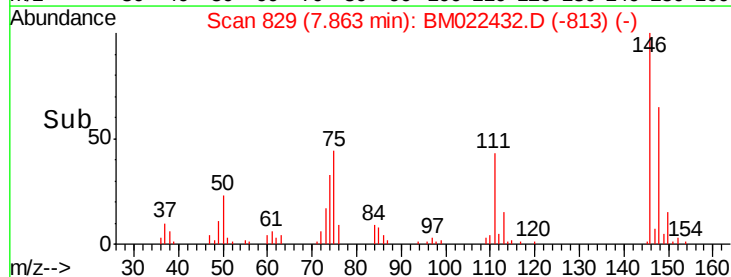
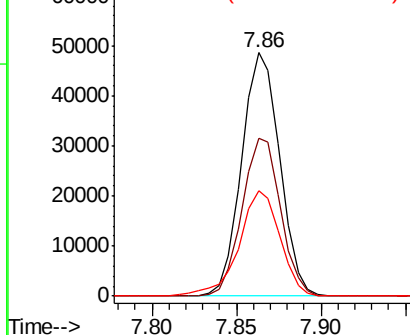


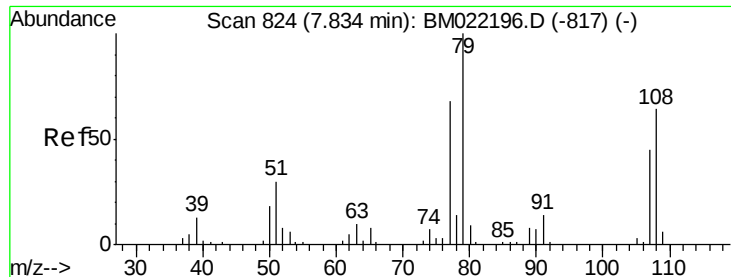
Abundance

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: 45.317 ng

RT: 7.79 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

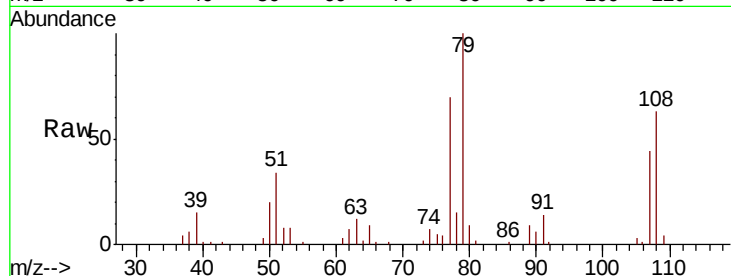
Tot Ion: 79 Resp: 73538

Ion Ratio Lower Upper

79 100

108 63.5 48.2 72.4

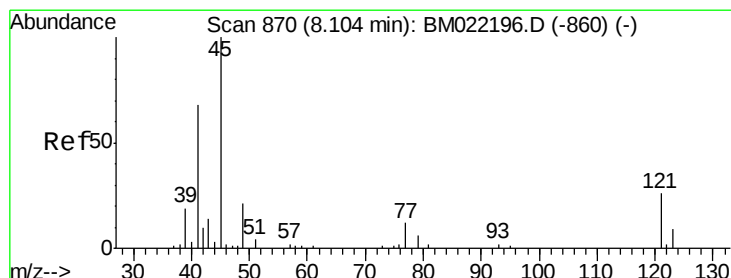
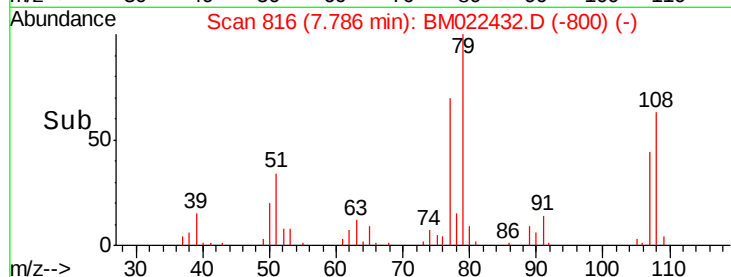
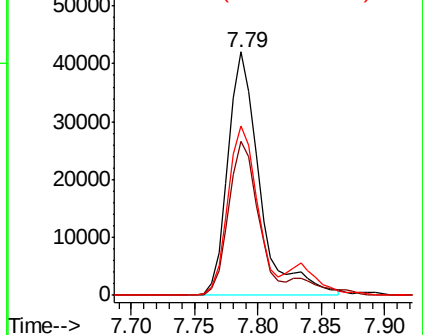
77 69.8 56.6 85.0



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: 44.177 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

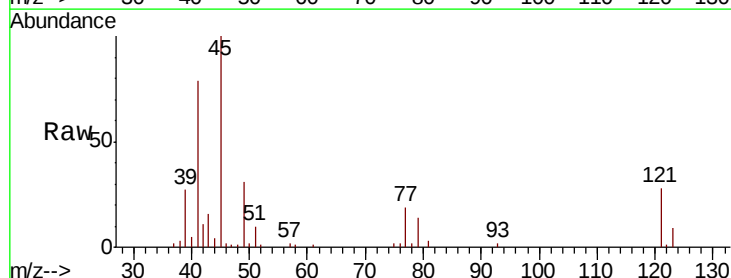
Tgt Ion: 45 Resp: 74241

Ion Ratio Lower Upper

45 100

77 18.9 0.4 40.4

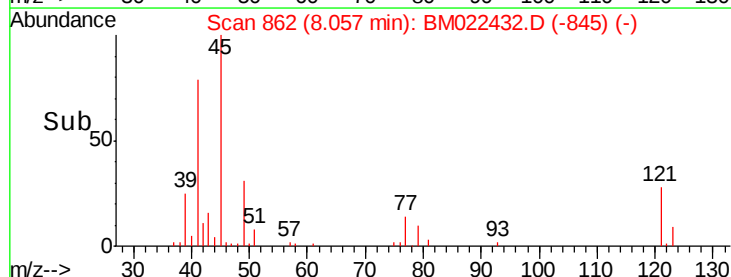
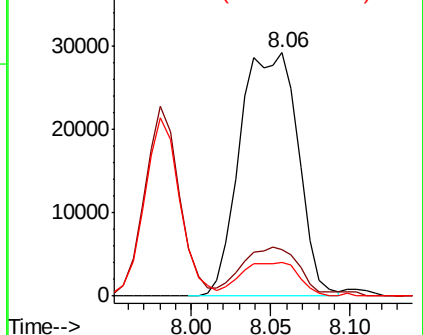
79 14.0 0.0 35.6

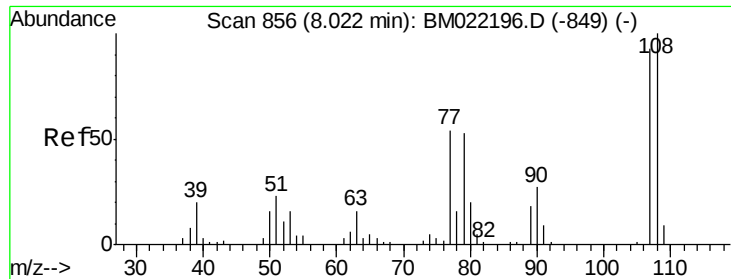


Abundance Ion 45.00 (44.70 to 45.70): BM022196.D (-860) (-)

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

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

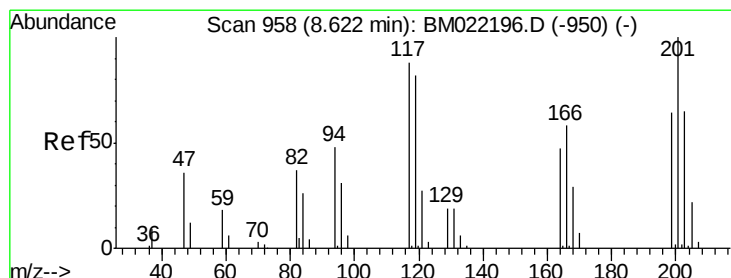
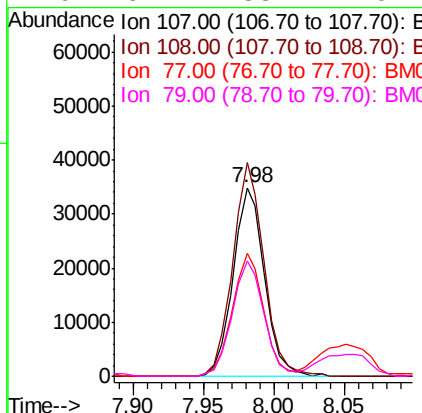
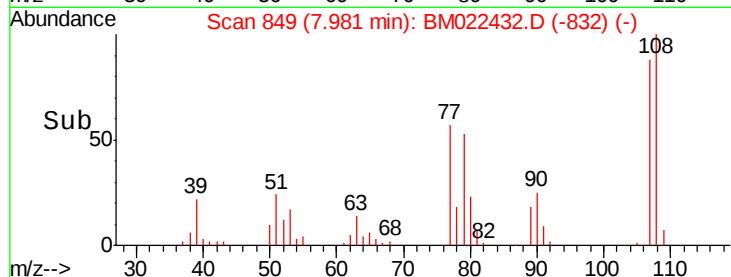
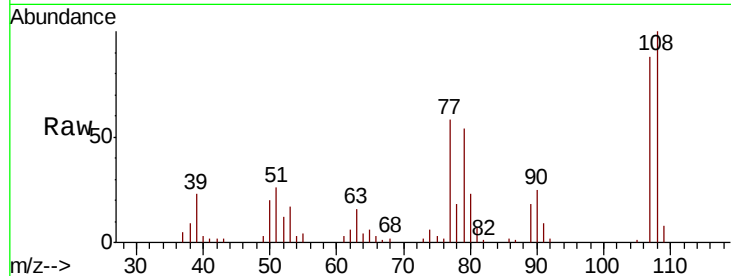




#17
2-Methylphenol
Concen: 43.080 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

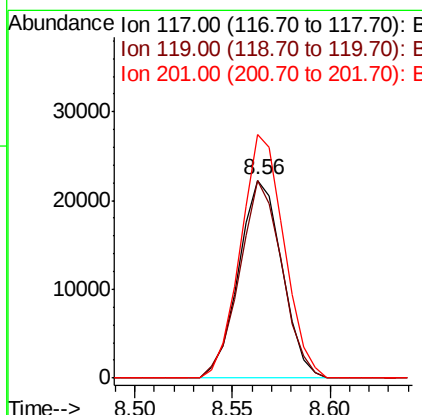
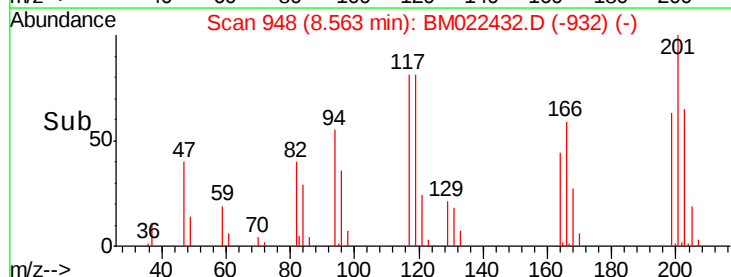
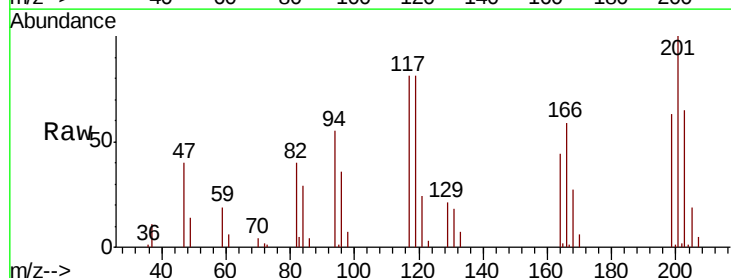
Instrument :
BNA_M
ClientSampleID :

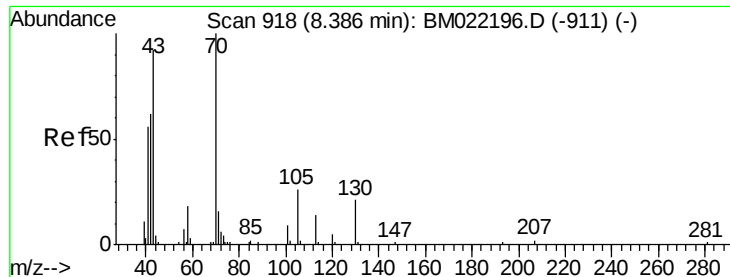
Tot Ion:107 Resp: 53834
Ion Ratio Lower Upper
107 100
108 113.3 89.6 134.4
77 65.3 55.3 82.9
79 61.4 53.1 79.7



#18
Hexachloroethane
Concen: 40.829 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:117 Resp: 34264
Ion Ratio Lower Upper
117 100
119 100.1 77.4 116.0
201 123.2 99.6 149.4

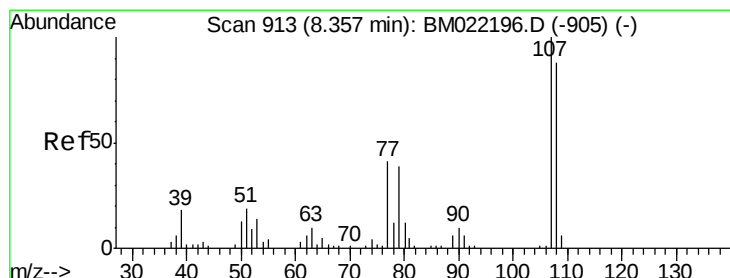
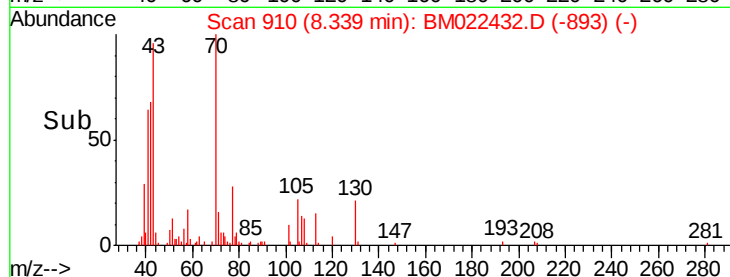
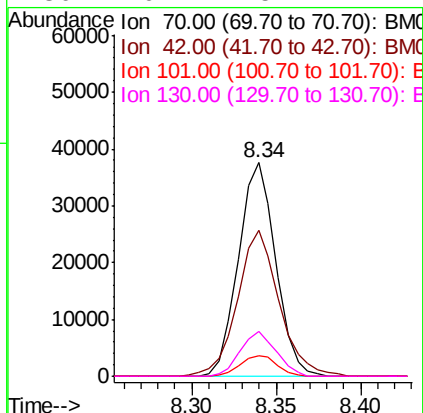
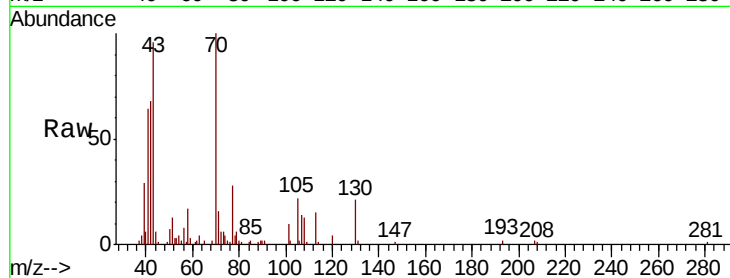




#19
n-Nitroso-di-n-propylamine
Concen: 43.495 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

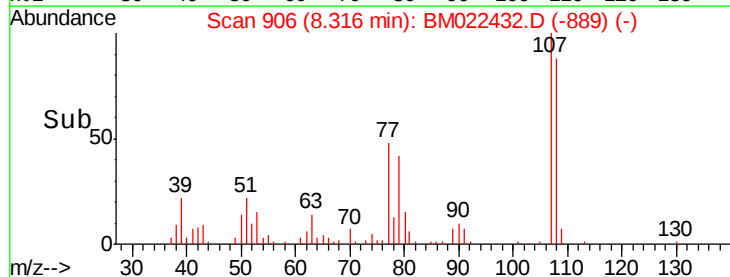
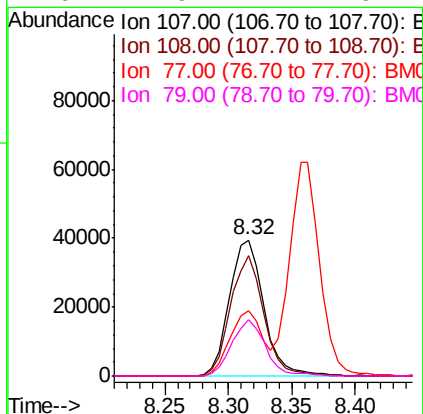
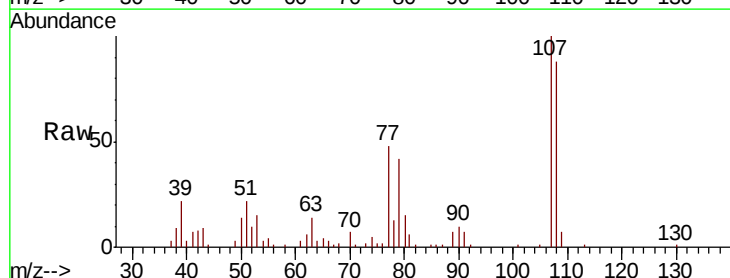
Instrument :
BNA_M
ClientSampleId :

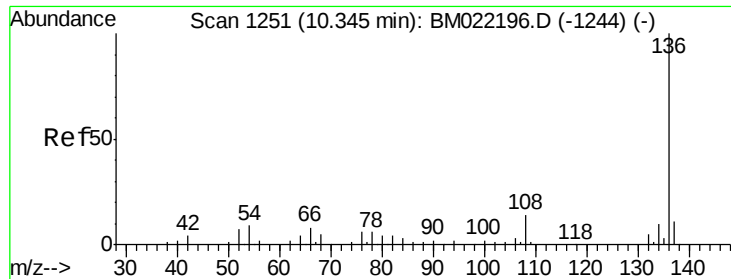
Tot Ion:	70	Resp:	57740
Ion	Ratio	Lower	Upper
70	100		
42	68.5	56.2	84.4
101	9.8	7.6	11.4
130	20.7	15.1	22.7



#20
3+4-Methylphenols
Concen: 43.835 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:	107	Resp:	74386
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	48.2	29.0	69.0
79	41.9	21.4	61.4

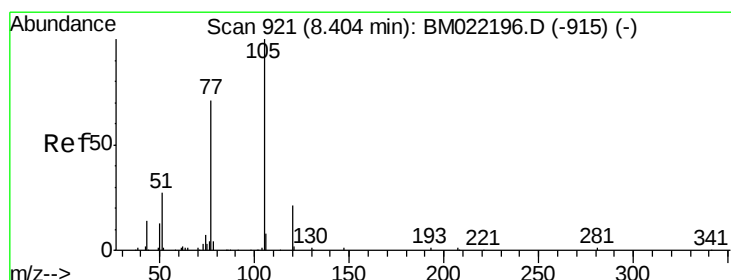
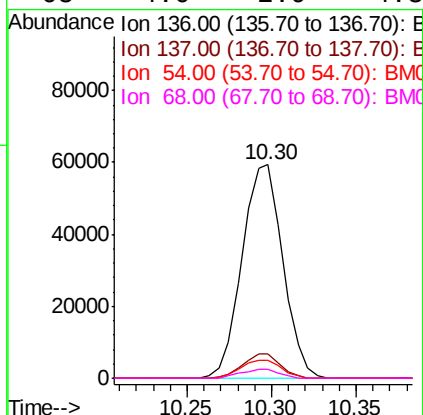
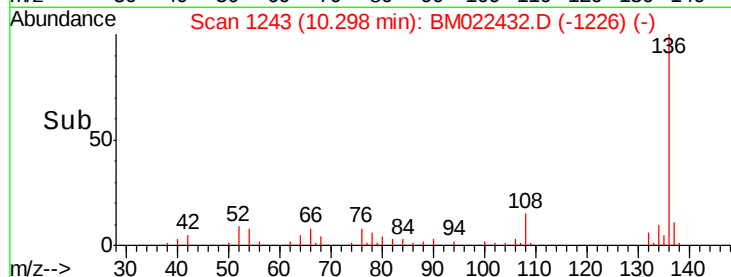
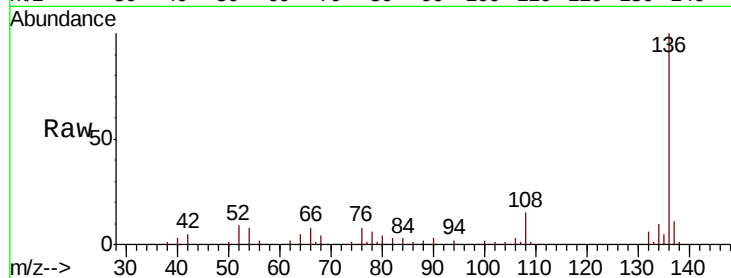




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

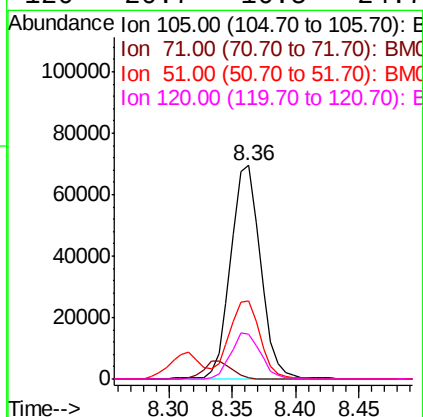
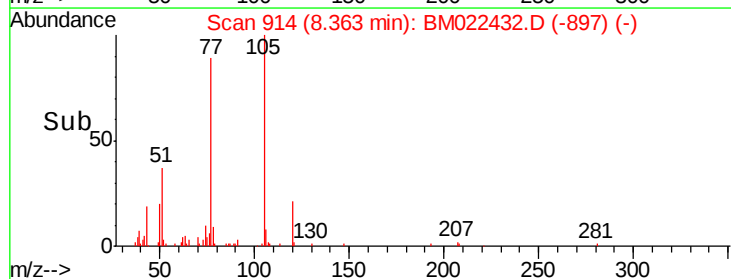
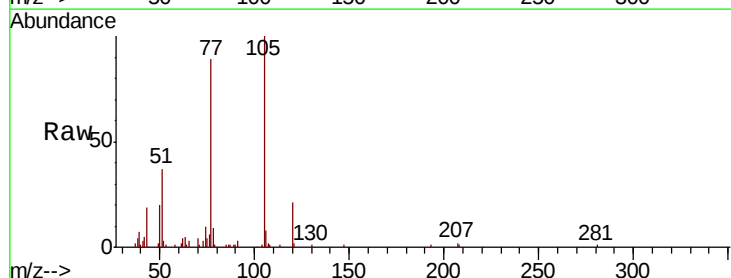
Instrument :
BNA_M
ClientSampleId :

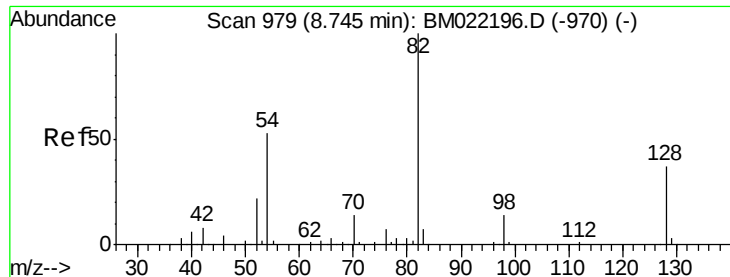
Tot Ion:136	Resp:	99722
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.6 13.0
54	8.4	7.0 10.6
68	4.0	2.9 4.3



#22
Acetophenone
Concen: 41.261 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:105	Resp:	113621
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0
51	36.5	30.6 46.0
120	20.7	16.5 24.7

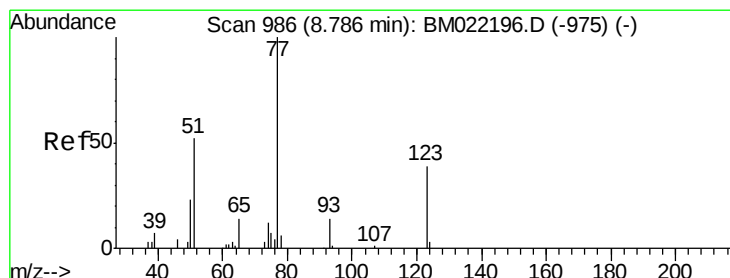
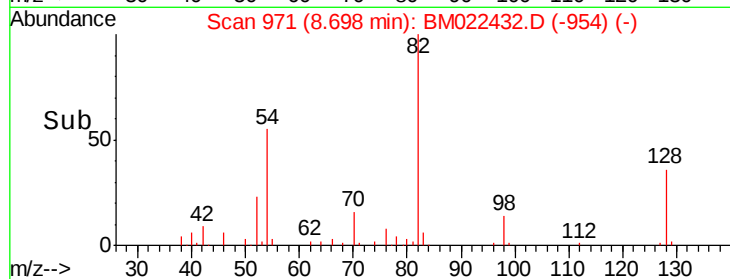
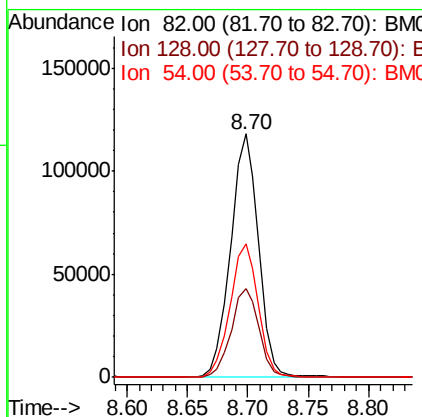
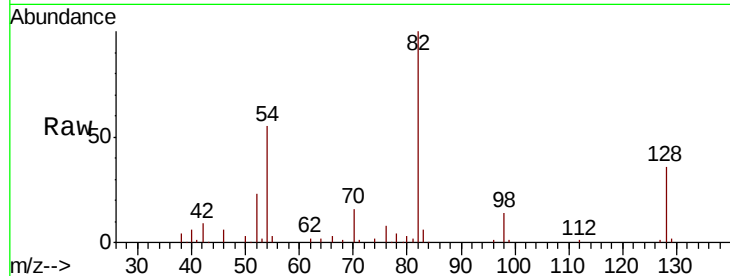




#23
 Nitrobenzene-d5
 Concen: 83.382 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

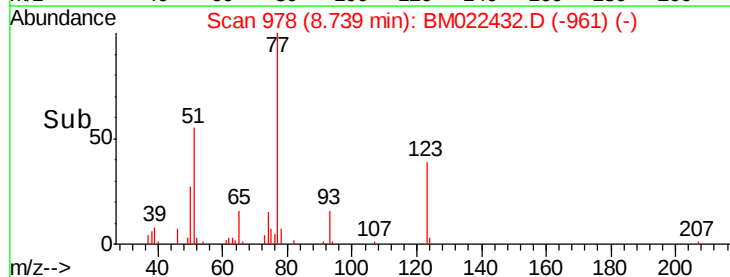
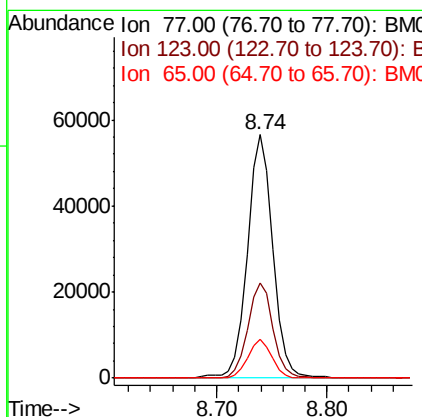
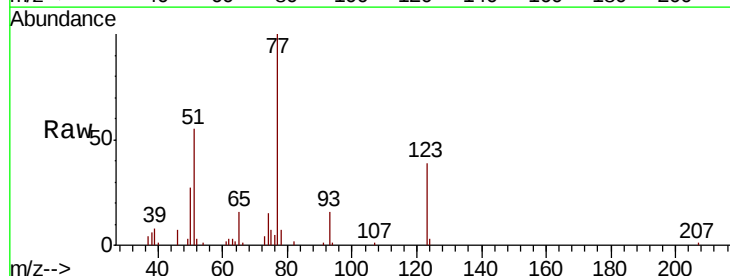
Instrument :
 BNA_M
 ClientSampleId :

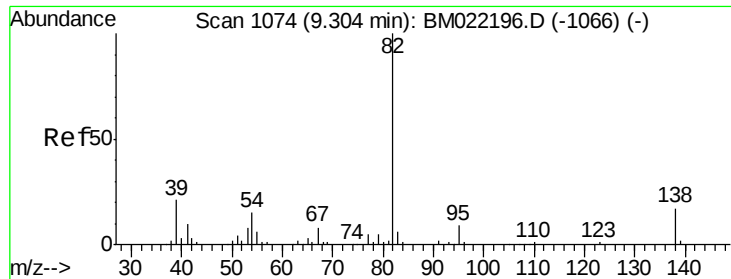
Tot Ion	82	Resp	189839
Ion Ratio	Lower	Upper	
82	100		
128	36.3	27.9	41.9
54	55.1	45.2	67.8



#24
 Nitrobenzene
 Concen: 41.628 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	77	Resp	91238
Ion Ratio	Lower	Upper	
77	100		
123	39.2	30.0	45.0
65	16.1	11.5	17.3

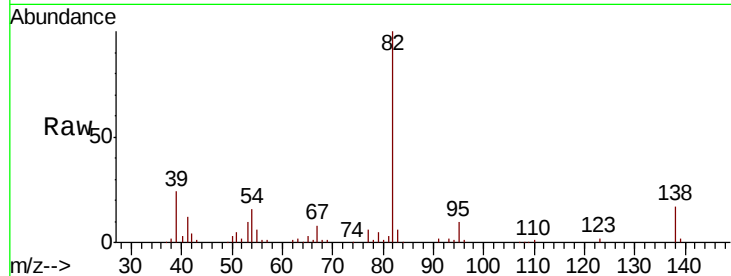




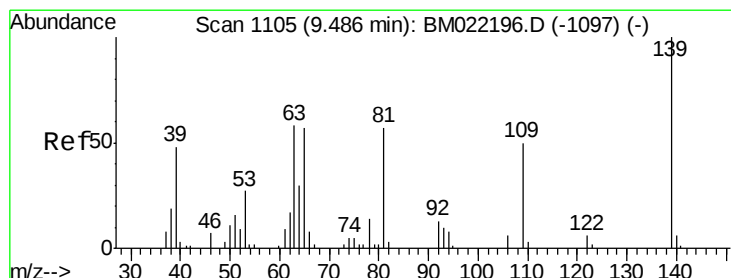
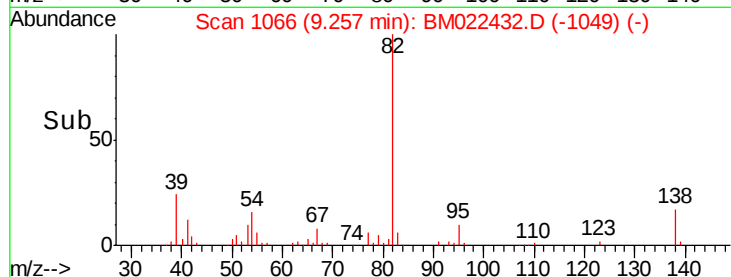
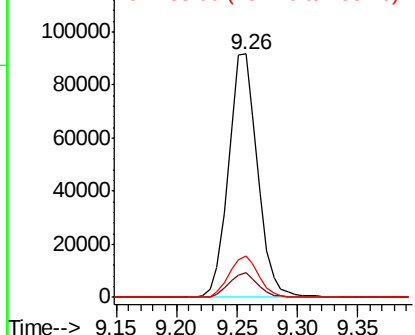
#25
Isophorone
Concen: 42.971 ng
RT: 9.26 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	153616
Ion Ratio	100		
Lower	8.6		
Upper	13.0		
95	10.3		
138	16.9		
	14.4		
	21.6		

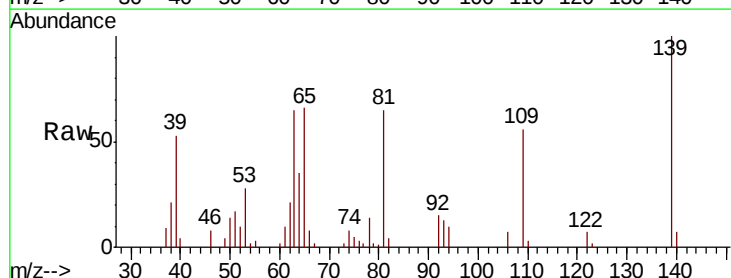


Abundance Ion 82.00 (81.70 to 82.70): BM022432.D (-1066) (-)

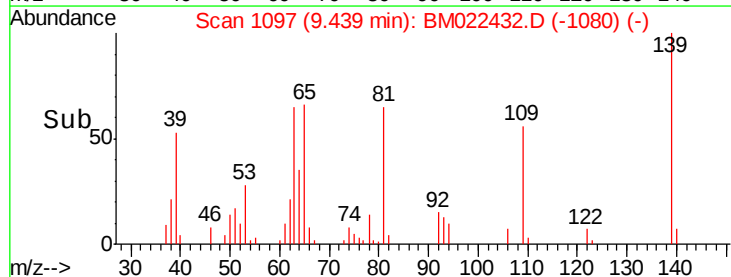
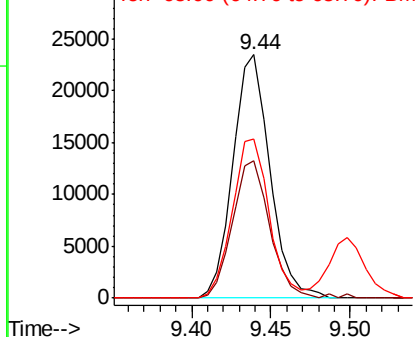


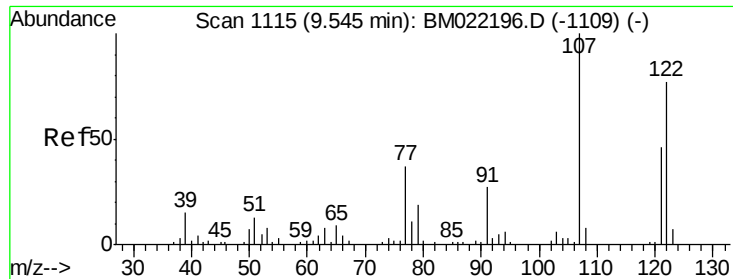
#26
2-Nitrophenol
Concen: 43.352 ng
RT: 9.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion	139	Resp	38061
Ion Ratio	100		
Lower	47.0		
Upper	70.4		
109	56.3		
65	65.6		
	52.3		
	78.5		



Abundance Ion 139.00 (138.70 to 139.70): BM022432.D (-1097) (-)

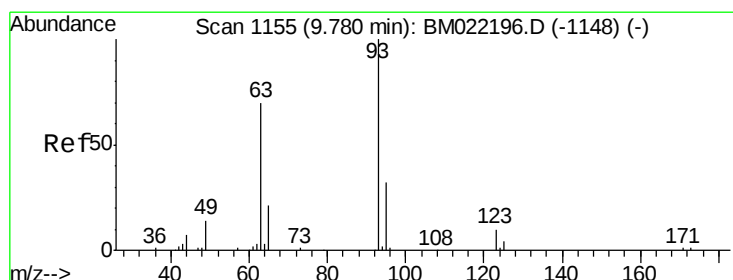
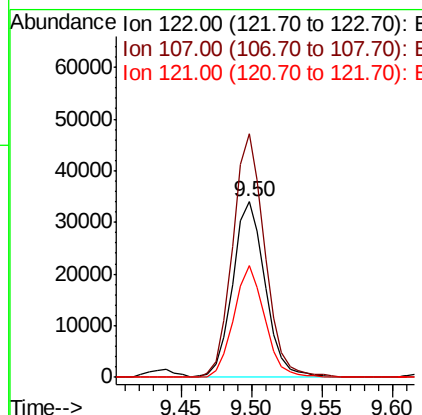
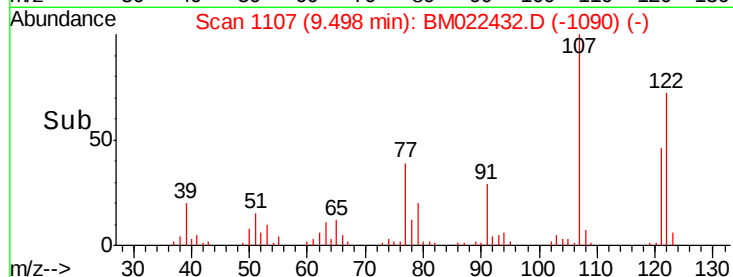
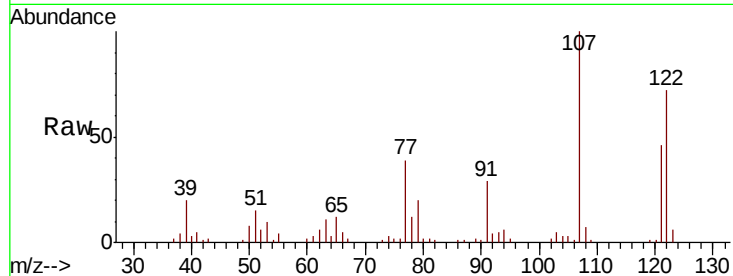




#27
 2,4-Dimethylphenol
 Concen: 41.894 ng
 RT: 9.50 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

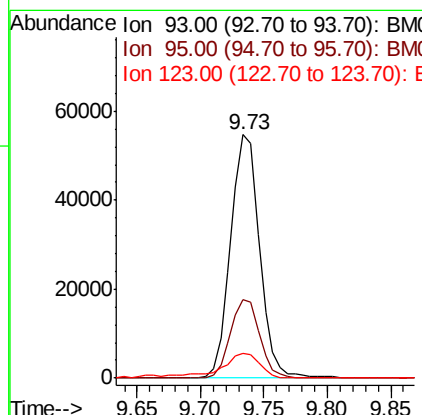
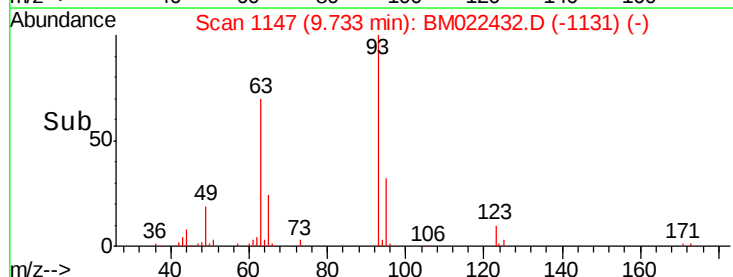
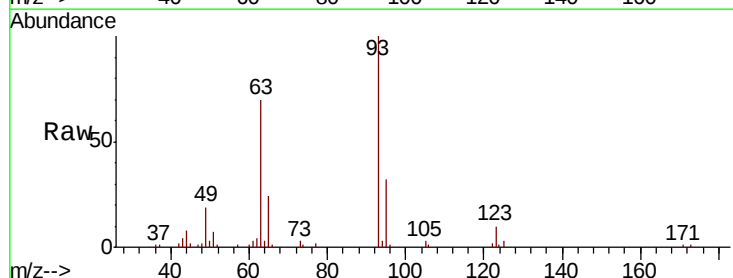
Instrument :
 BNA_M
 ClientSampled :

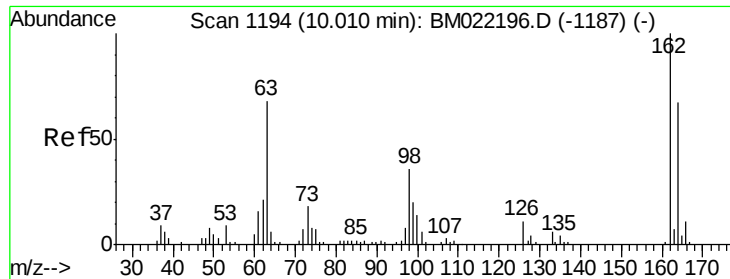
Tot Ion:122 Resp: 54865
 Ion Ratio Lower Upper
 122 100
 107 138.8 116.2 174.4
 121 63.7 49.1 73.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.914 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion: 93 Resp: 86701
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.5 41.3
 123 10.3 9.6 14.4

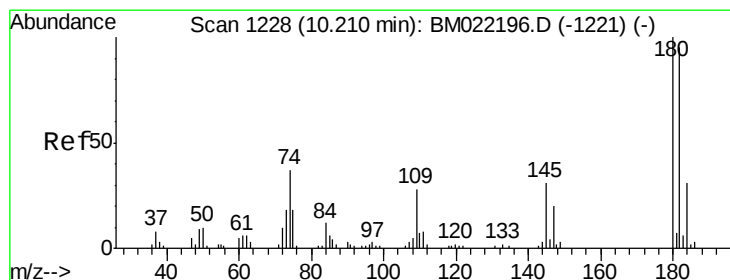
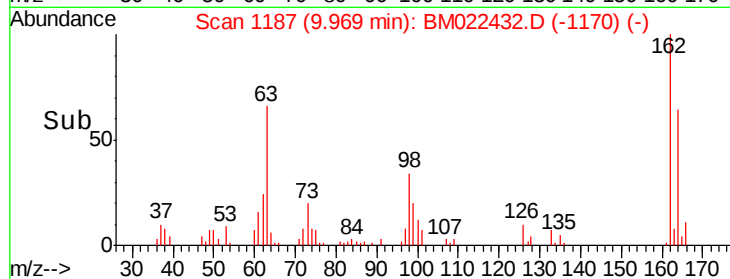
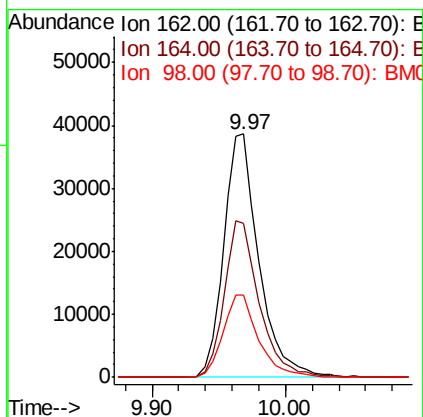
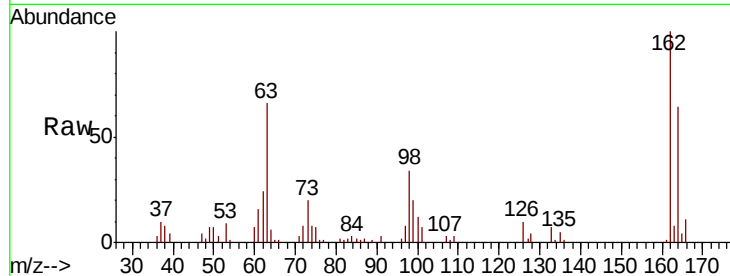




#29
 2,4-Dichlorophenol
 Concen: 41.334 ng
 RT: 9.97 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

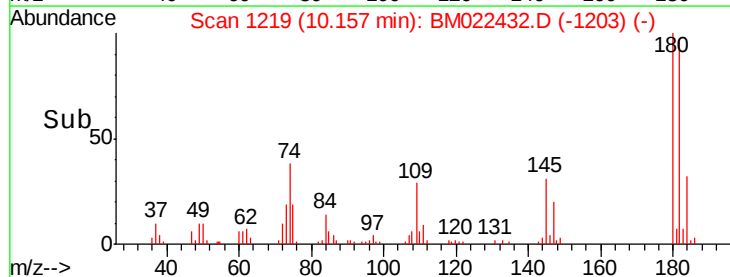
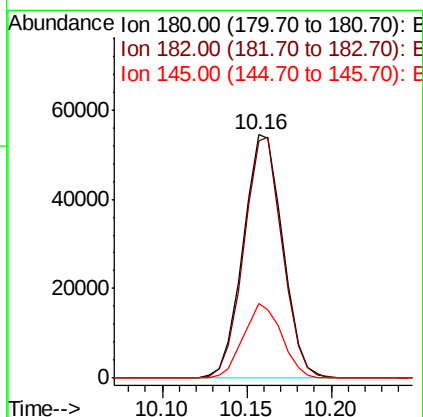
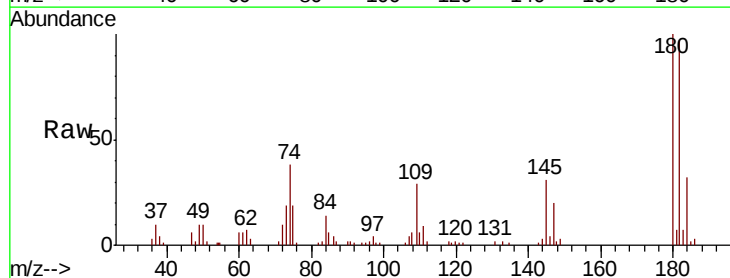
Instrument :
 BNA_M
 ClientSampled :

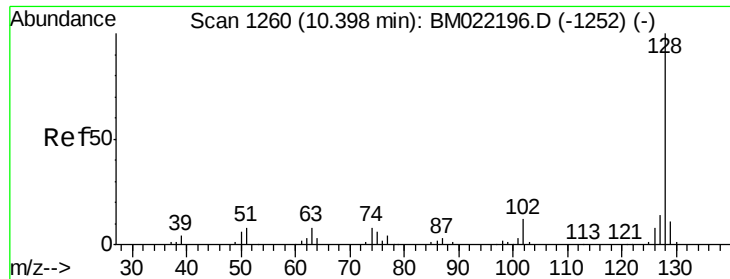
Tot Ion	162	Resp	70825
Ion Ratio	Lower	Upper	
162	100		
164	63.5	51.2	91.2
98	34.0	14.1	54.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.521 ng
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	180	Resp	88413
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.0	115.4
145	30.7	23.0	34.6

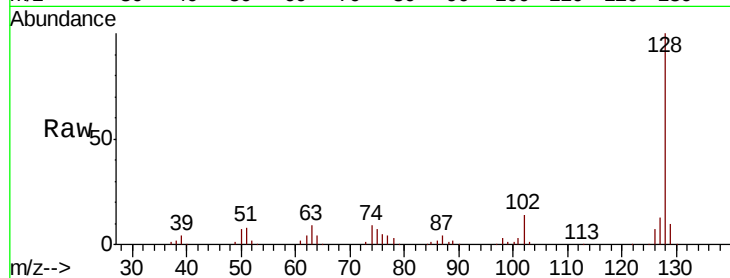




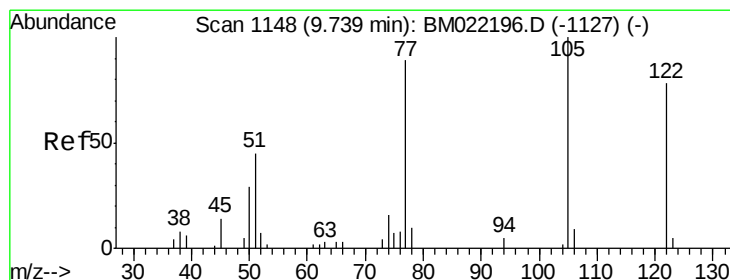
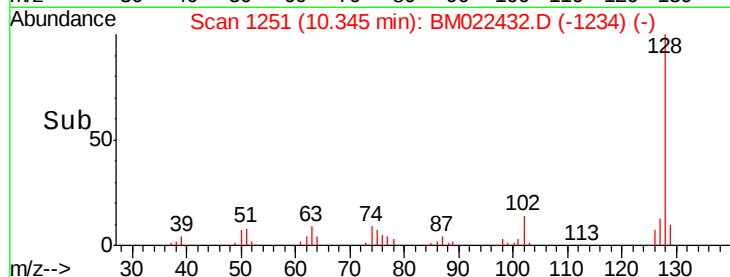
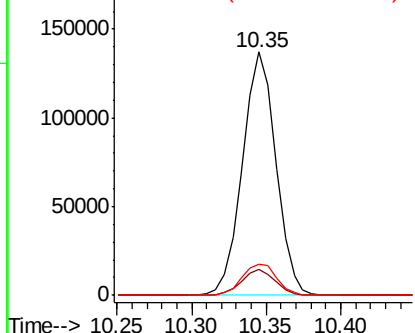
#31
Naphthalene
Concen: 41.008 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 212706
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.0 11.0 16.4

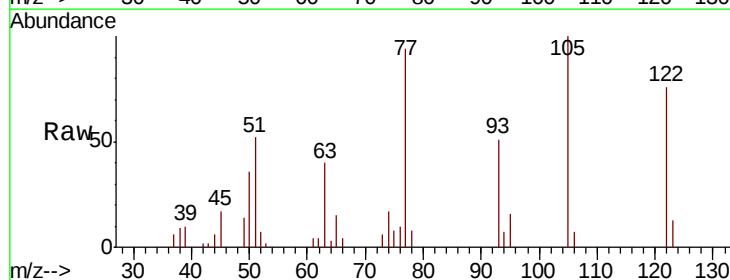


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

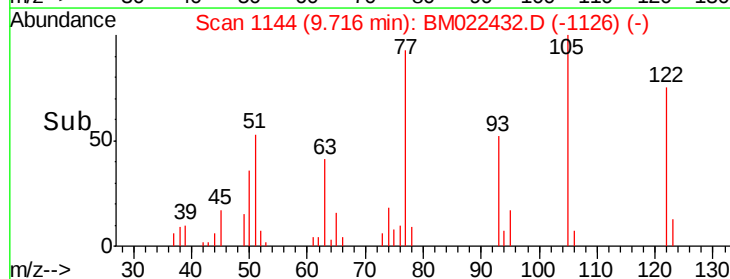
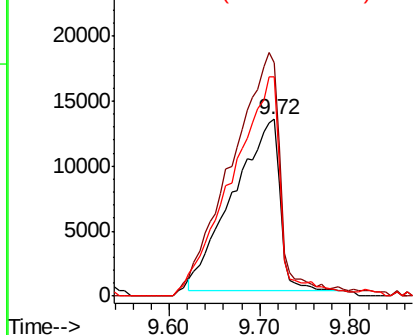


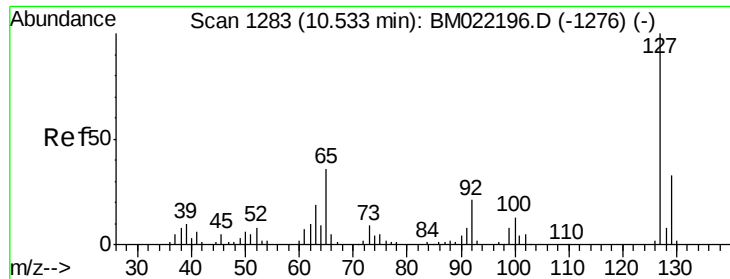
#32
Benzoic acid
Concen: 45.388 ng
RT: 9.72 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:122 Resp: 46818
Ion Ratio Lower Upper
122 100
105 132.4 109.3 149.3
77 124.5 105.5 145.5



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

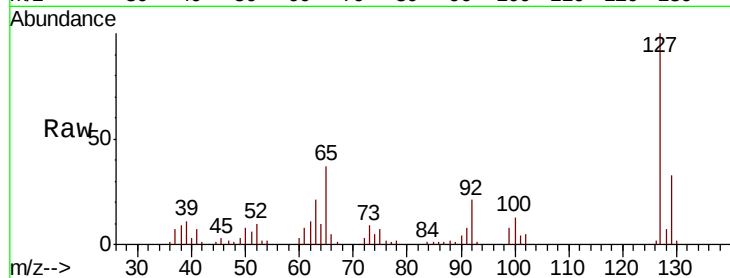




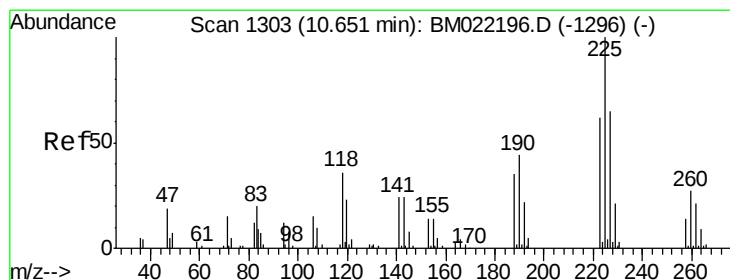
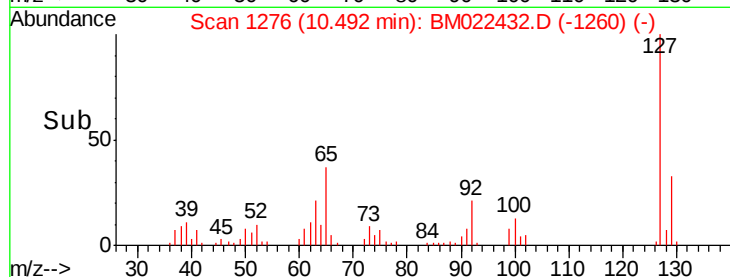
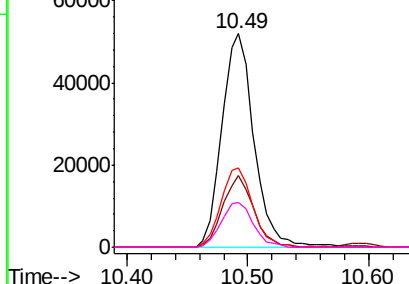
#33
4-Chloroaniline
Concen: 42.992 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	95949
Ion Ratio	Lower	Upper
127	100	
129	33.3	24.2 36.2
65	37.3	31.0 46.4
92	20.9	16.4 24.6

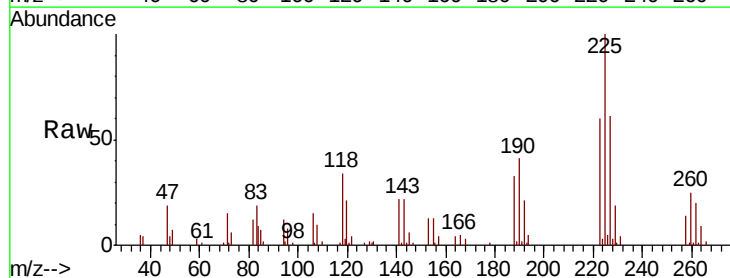


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

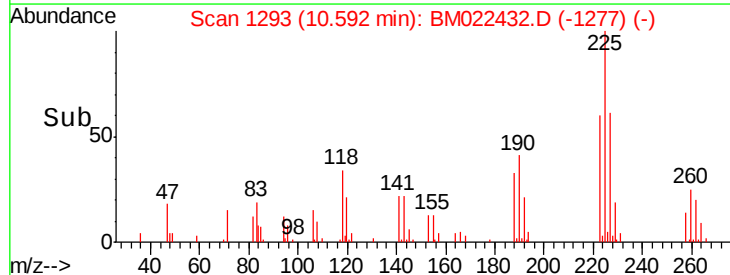
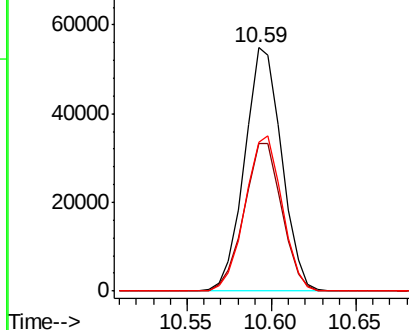


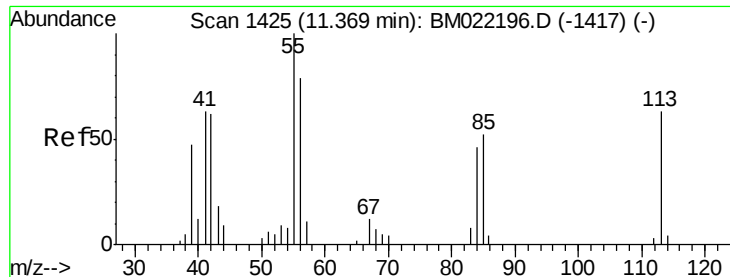
#34
Hexachlorobutadiene
Concen: 39.004 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:225	Resp:	83942
Ion Ratio	Lower	Upper
225	100	
223	60.5	49.3 73.9
227	61.3	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: 46.230 ng

RT: 11.33 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

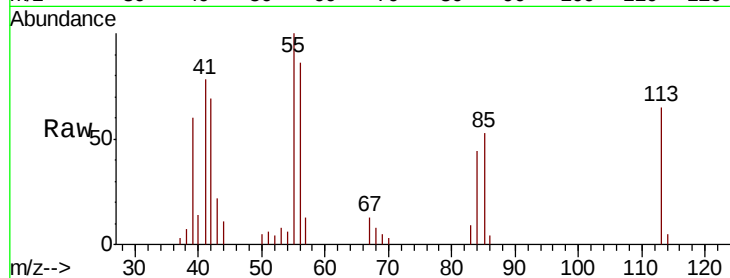
Tot Ion:113 Resp: 20134

Ion Ratio Lower Upper

113 100

55 153.6 140.0 180.0

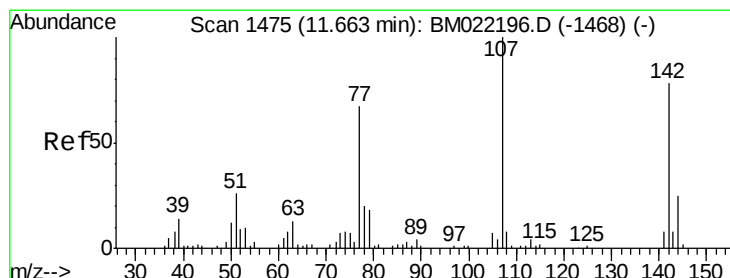
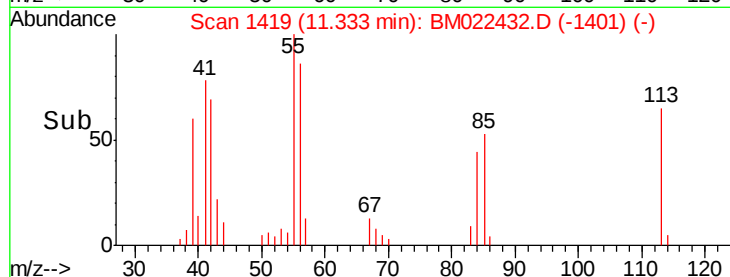
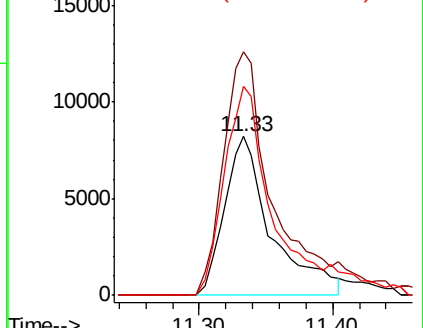
56 132.0 117.6 157.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.424 ng

RT: 11.63 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

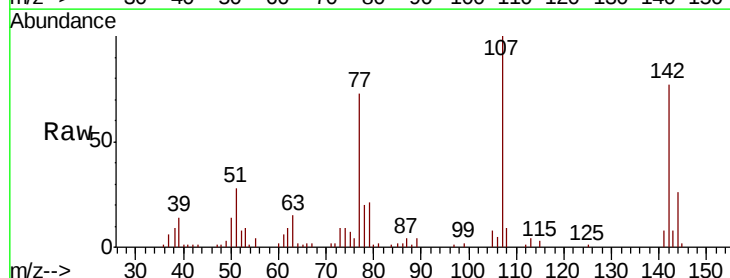
Tgt Ion:107 Resp: 76617

Ion Ratio Lower Upper

107 100

144 26.3 19.8 29.6

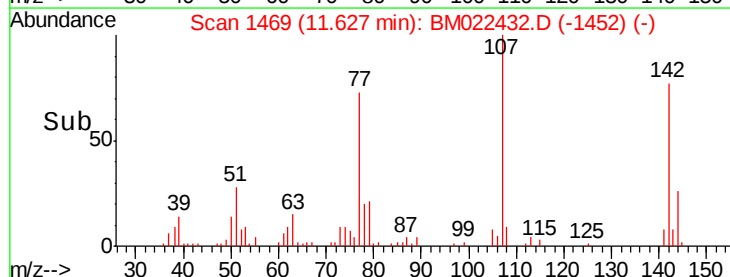
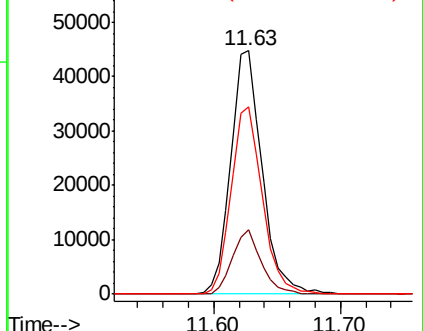
142 76.8 63.1 94.7

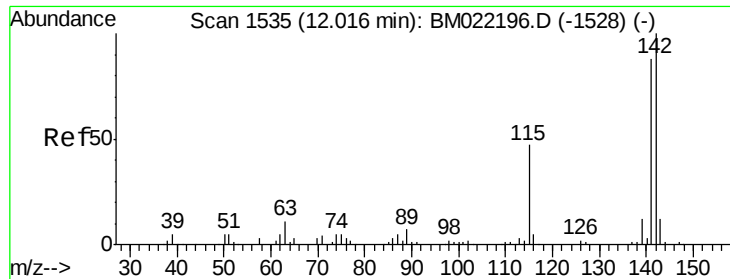


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

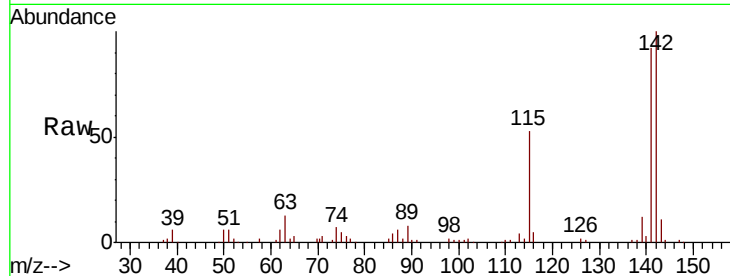




#37
 2-Methylnaphthalene
 Concen: 40.523 ng
 RT: 11.97 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.2
115	52.6	43.2	64.8

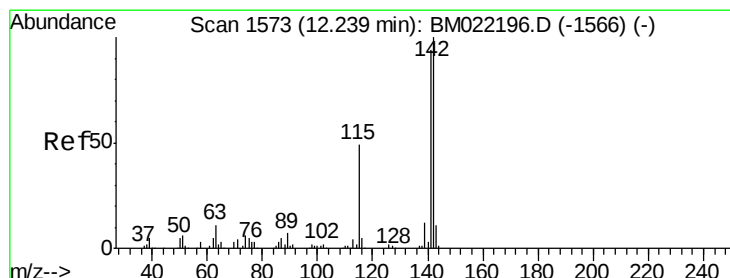
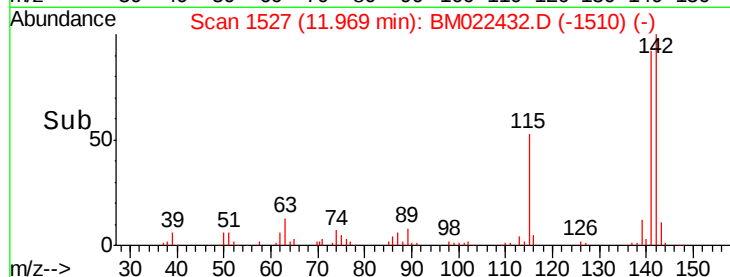
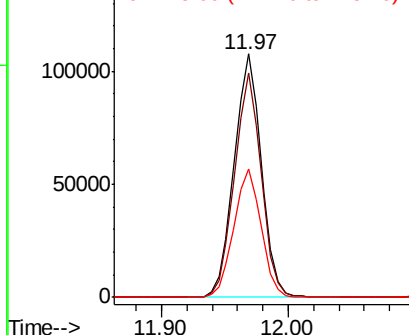


Abundance

Ion 142.00 (141.70 to 142.70): E

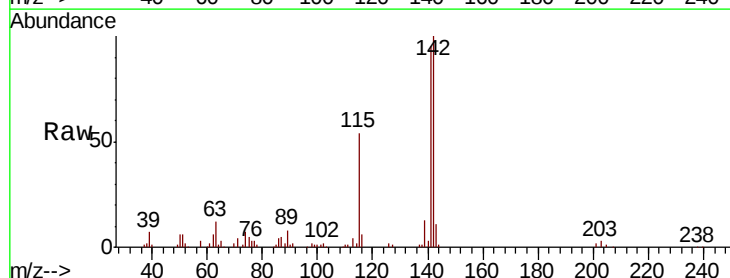
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.515 ng
 RT: 12.19 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	77.3	115.9
116	5.5	4.9	7.3

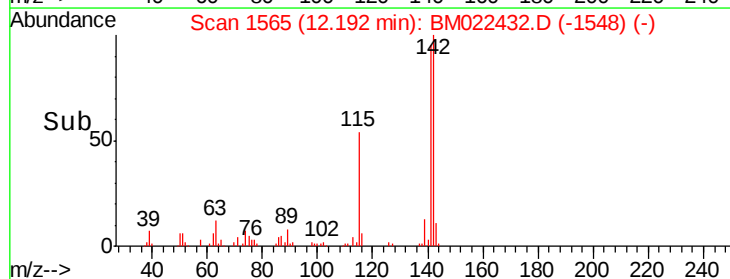
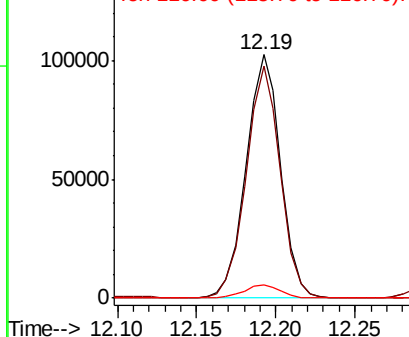


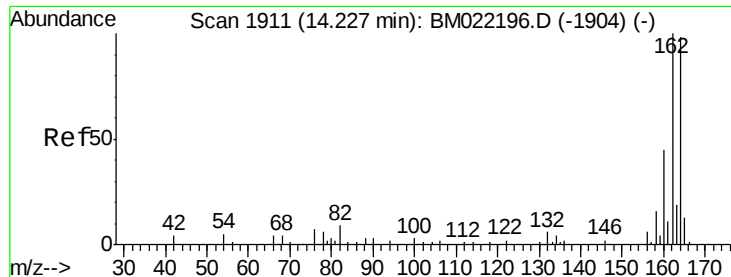
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

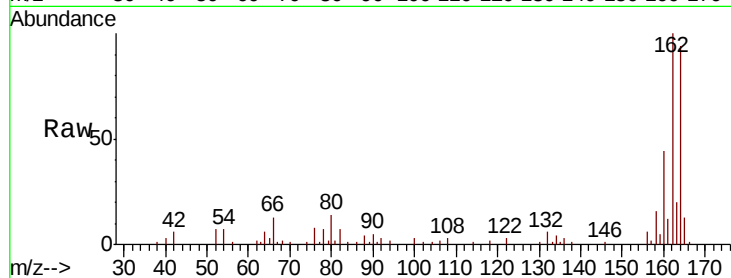
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 72324

Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.6	121.0
160	47.1	37.3	55.9

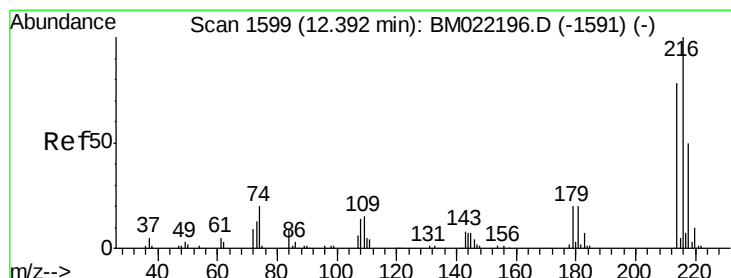
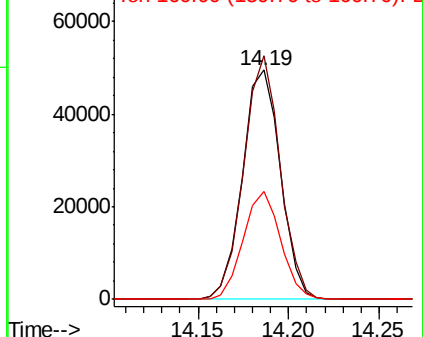
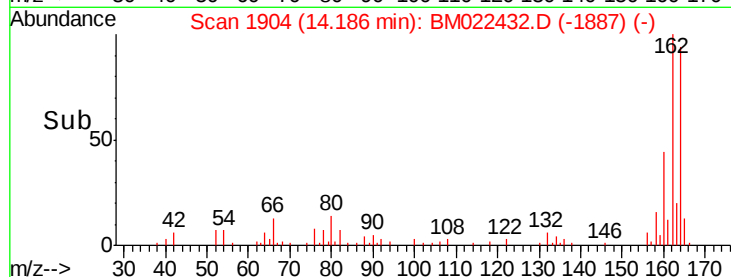


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.500 ng

RT: 12.35 min Scan# 1591

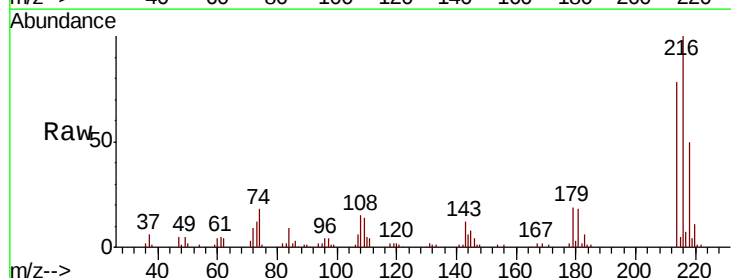
Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Tgt Ion:216 Resp: 132149

Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.0	91.4
179	19.3	15.2	22.8
108	15.5	12.9	19.3



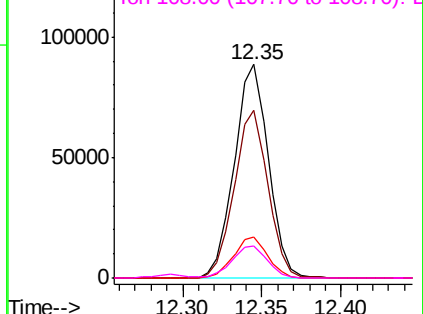
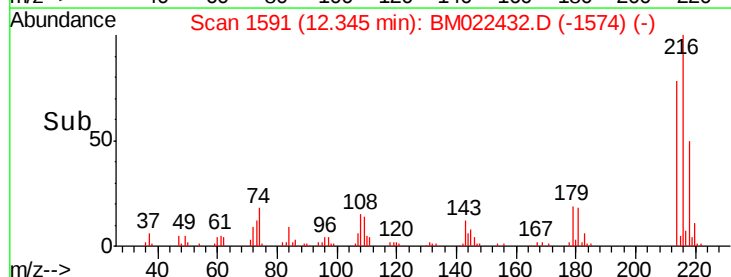
Abundance

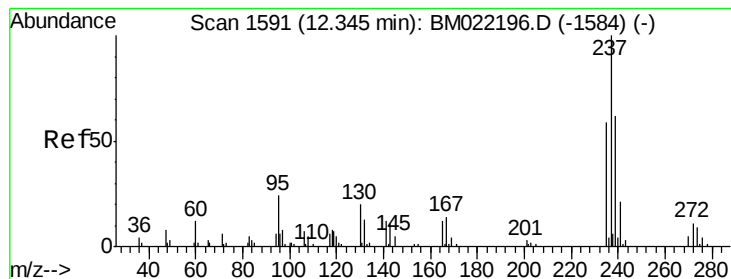
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.180 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

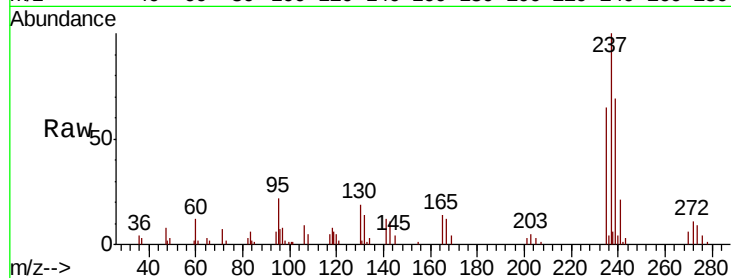
Tot Ion:237 Resp: 44094

Ion Ratio Lower Upper

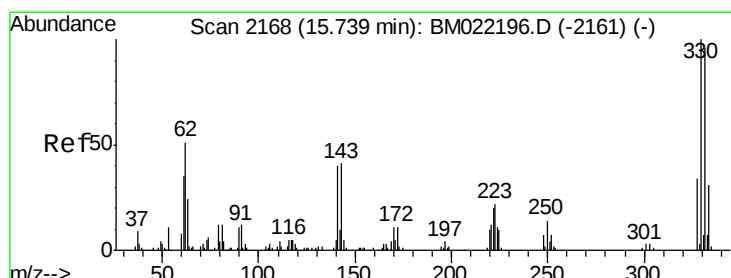
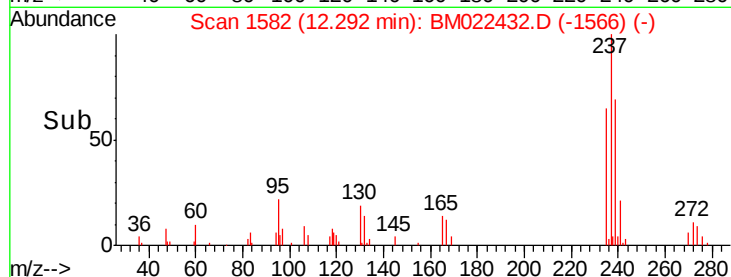
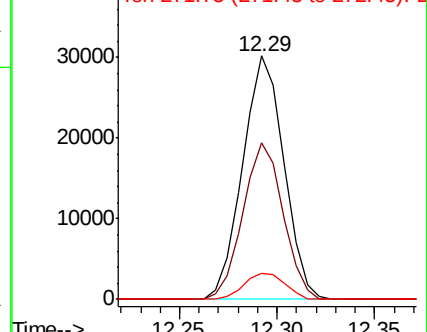
237 100

235 64.5 40.5 80.5

272 10.7 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: 79.722 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

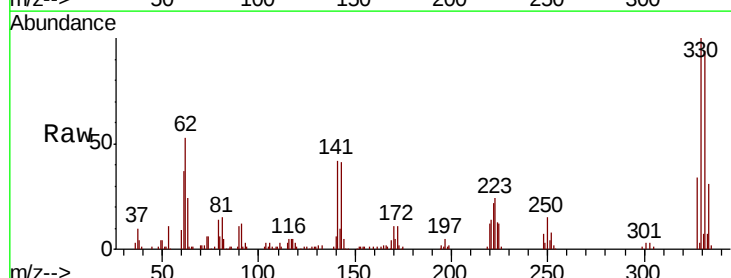
Tgt Ion:330 Resp: 117985

Ion Ratio Lower Upper

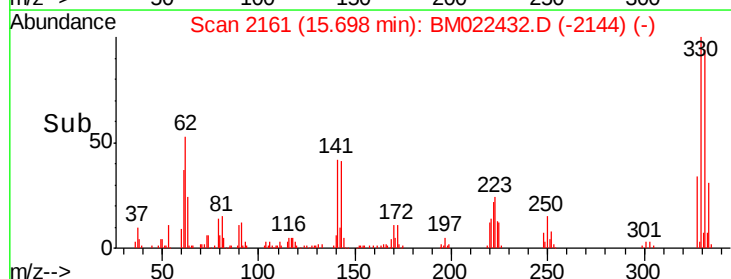
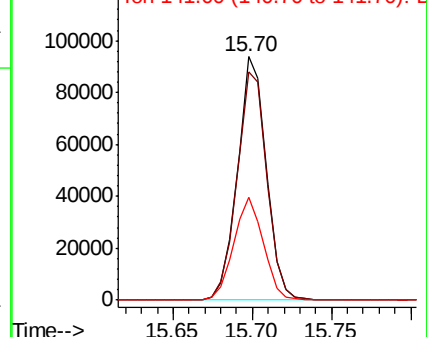
330 100

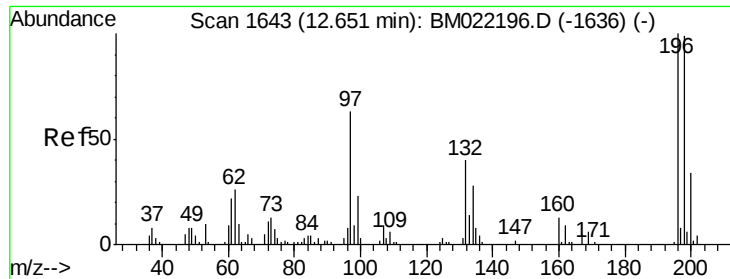
332 97.0 77.8 116.8

141 43.4 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

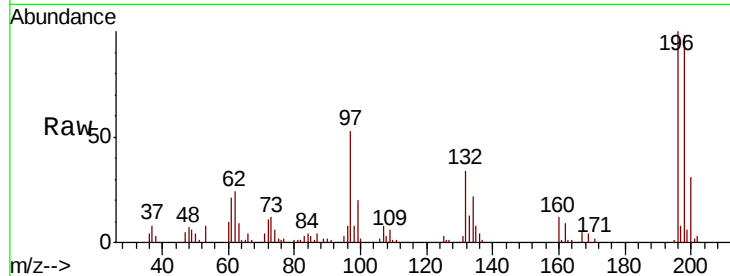




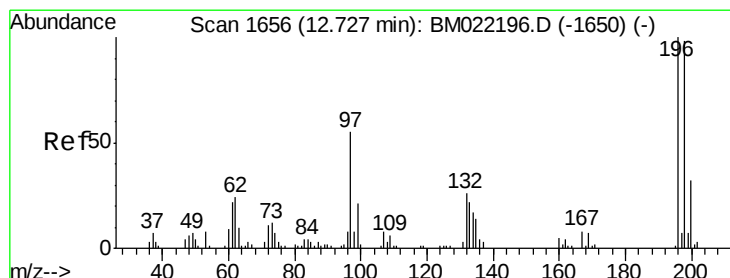
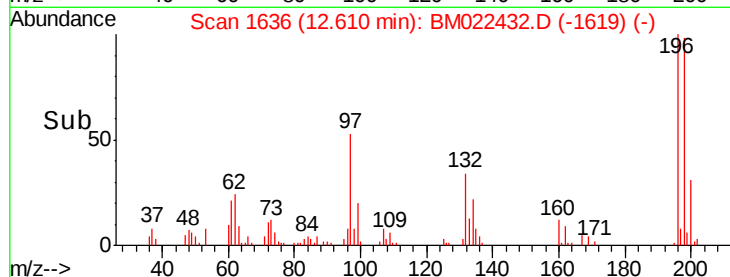
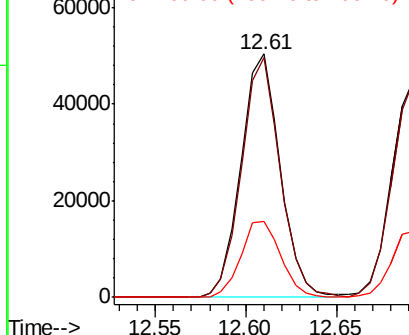
#43
 2,4,6-Trichlorophenol
 Concen: 40.997 ng
 RT: 12.61 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 75956
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.0 115.6
 200 31.3 26.3 39.5



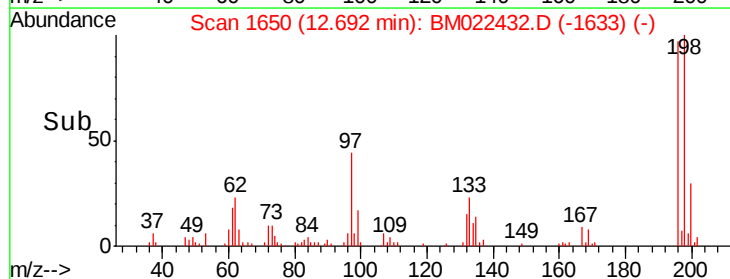
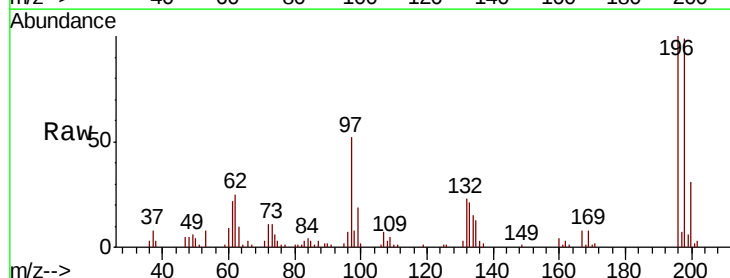
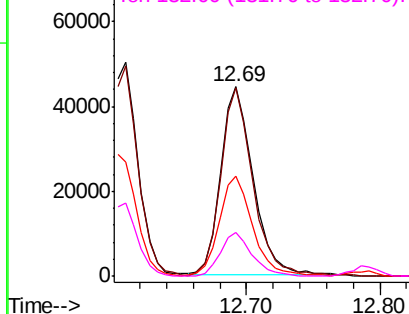
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

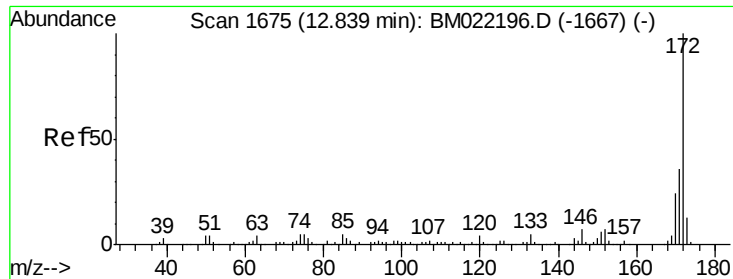


#44
 2,4,5-Trichlorophenol
 Concen: 40.827 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion:196 Resp: 75003
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.6 115.0
 97 52.4 41.7 62.5
 132 23.0 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): BM0
 Ion 132.00 (131.70 to 132.70): E

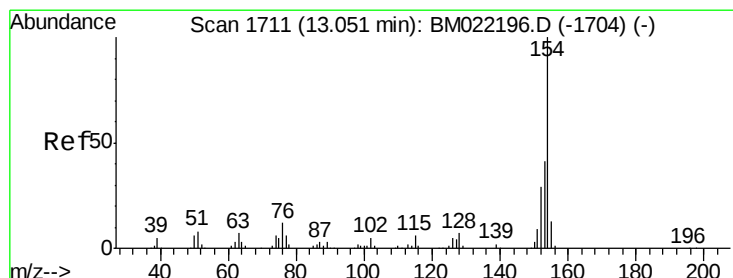
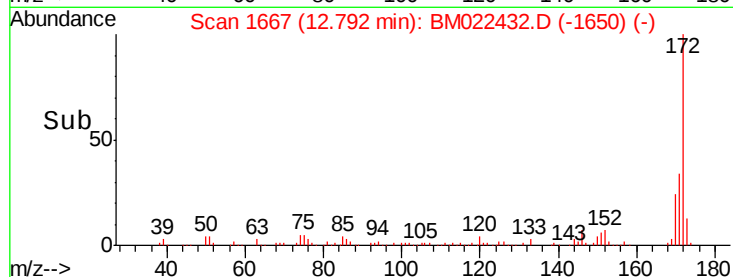
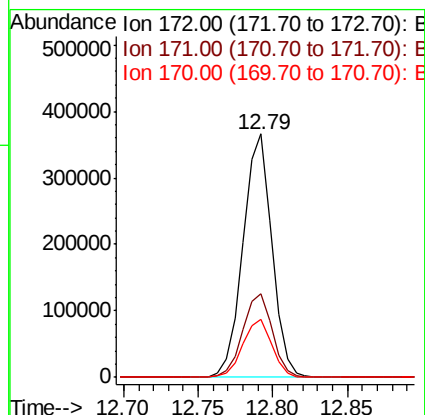
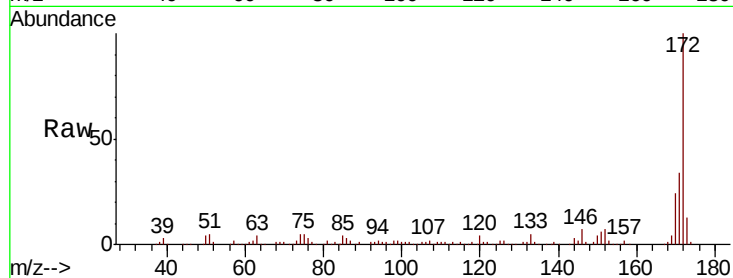




#45
2-Fluorobiphenyl
Concen: 76.985 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

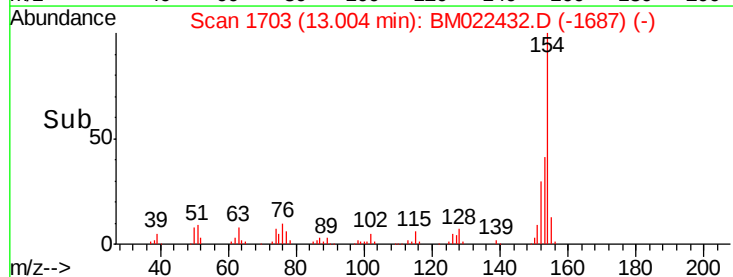
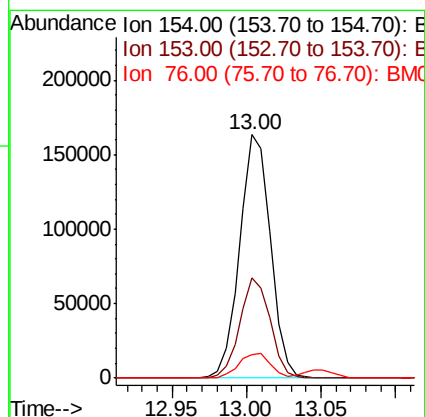
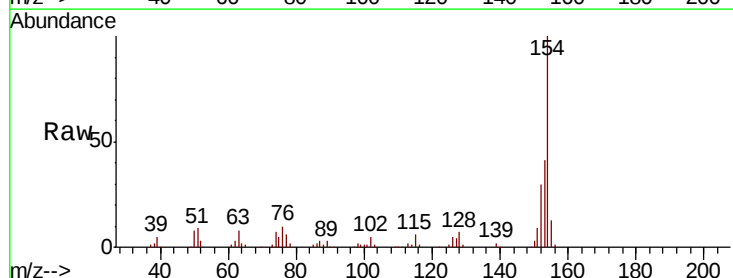
Instrument :
BNA_M
ClientSampleId :

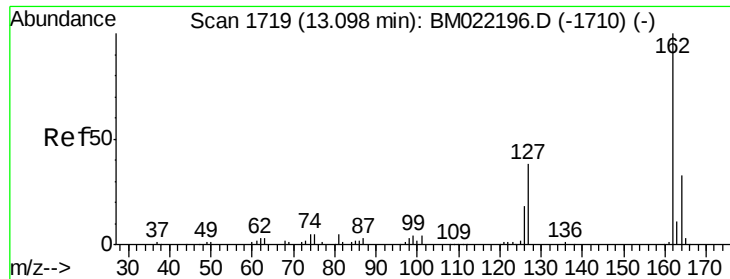
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.8	18.9	28.3



#46
1,1'-Biphenyl
Concen: 39.587 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	9.8	0.0	30.9

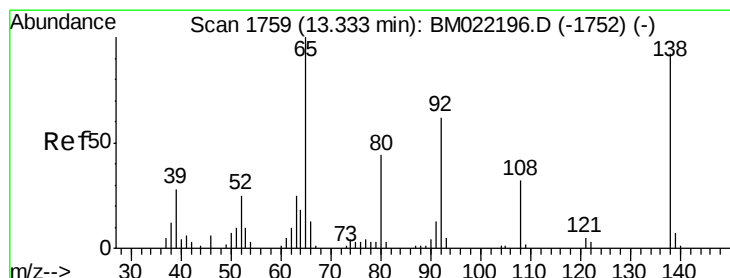
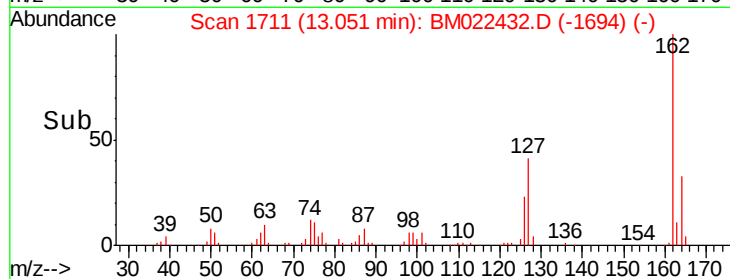
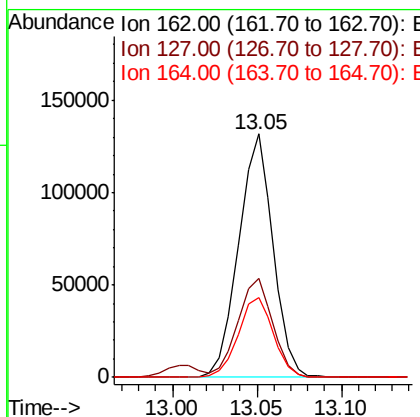
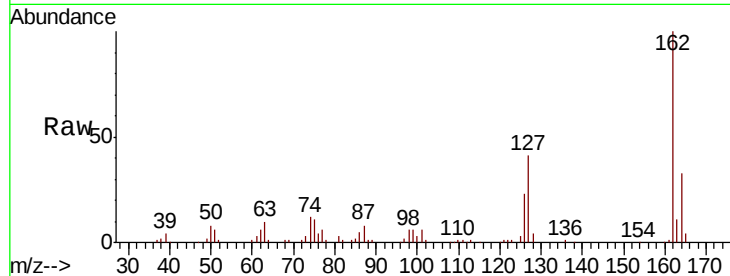




#47
 2-Chloronaphthalene
 Concen: 39.760 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

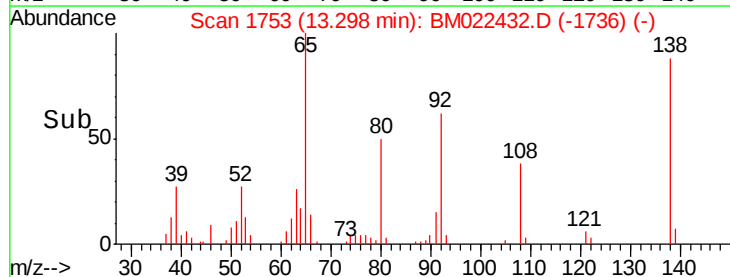
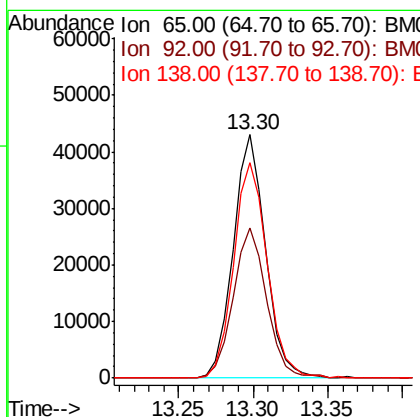
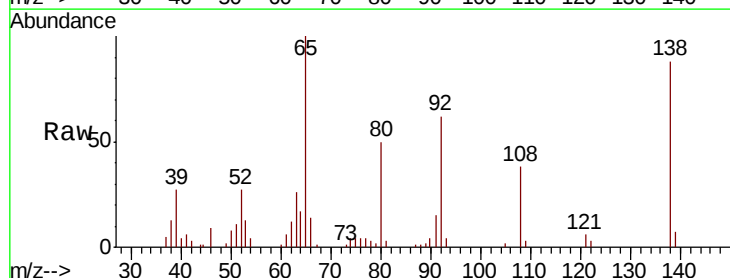
Instrument :
 BNA_M
 ClientSampleId :

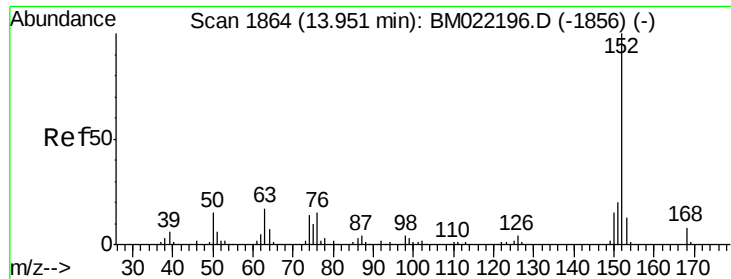
Tot Ion:162 Resp: 186564
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 49.0
 164 33.0 26.2 39.4



#48
 2-Nitroaniline
 Concen: 42.926 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion: 65 Resp: 64873
 Ion Ratio Lower Upper
 65 100
 92 61.5 49.1 73.7
 138 88.3 70.4 105.6





#49

Acenaphthylene

Concen: 40.500 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

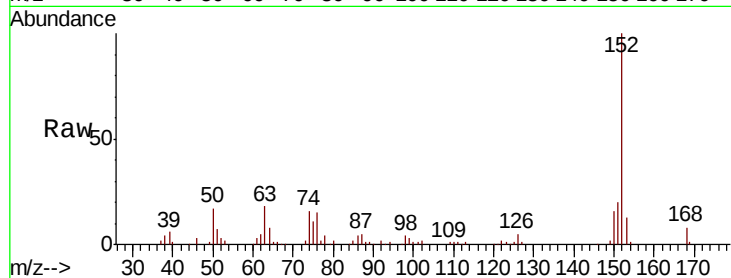
Tot Ion:152 Resp: 286821

Ion Ratio Lower Upper

152 100

151 19.8 16.9 25.3

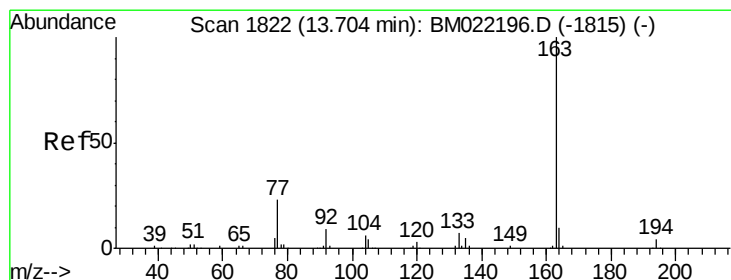
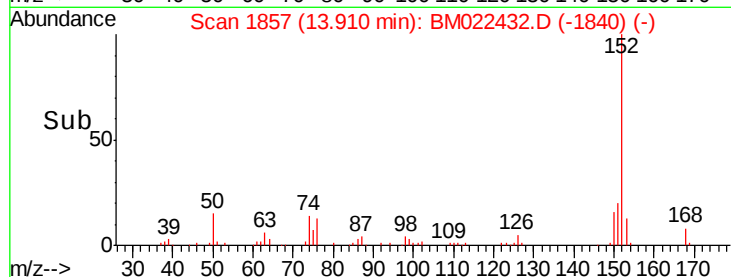
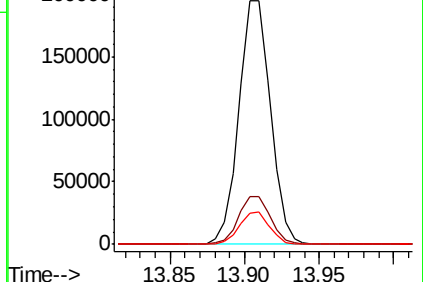
153 13.1 10.4 15.6



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: 41.300 ng

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

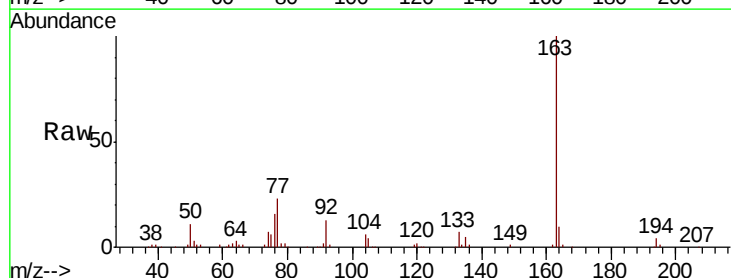
Tgt Ion:163 Resp: 259791

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

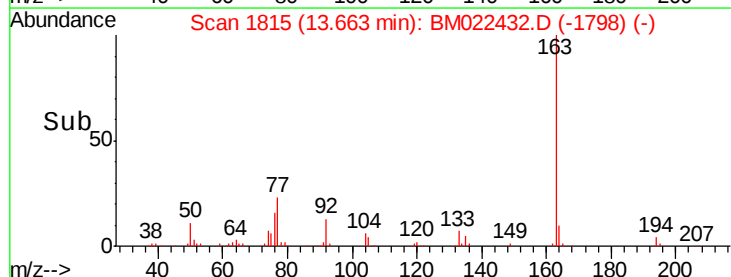
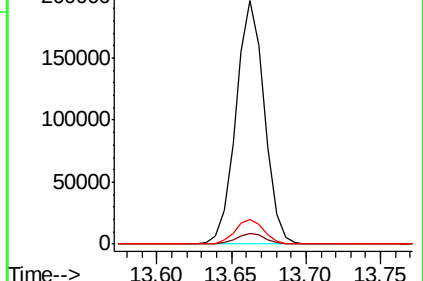
164 10.3 8.2 12.2

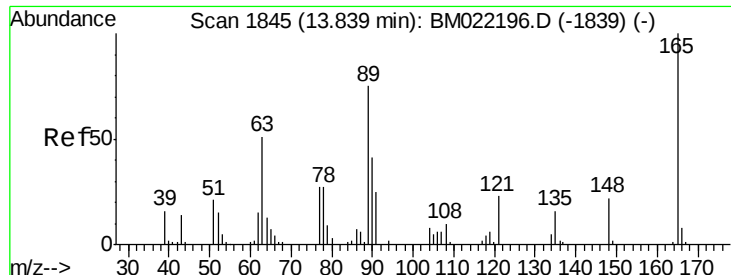


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

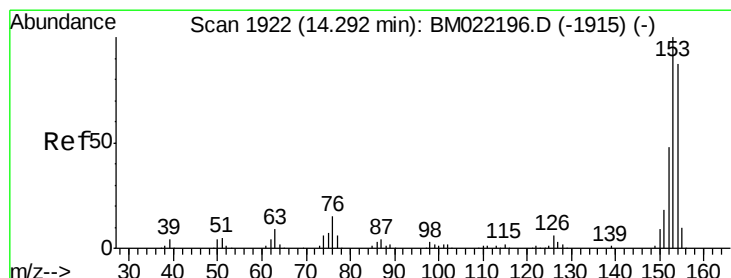
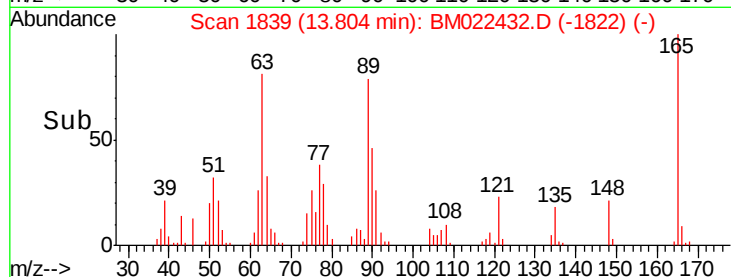
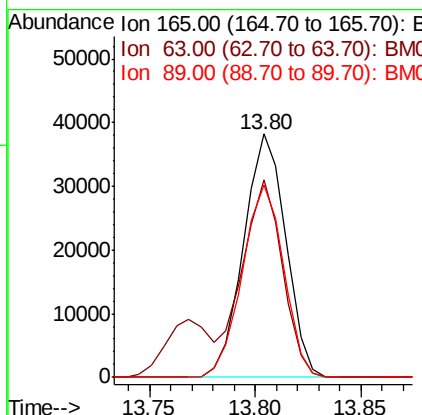
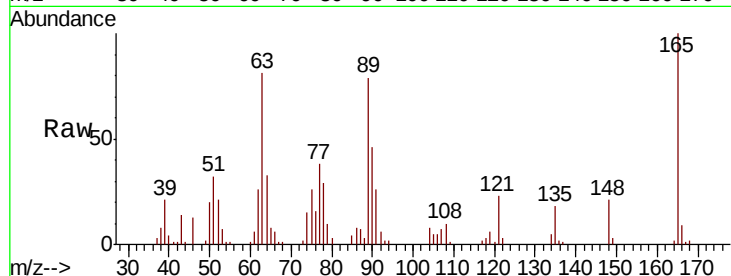




#51
 2,6-Dinitrotoluene
 Concen: 42.801 ng
 RT: 13.80 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

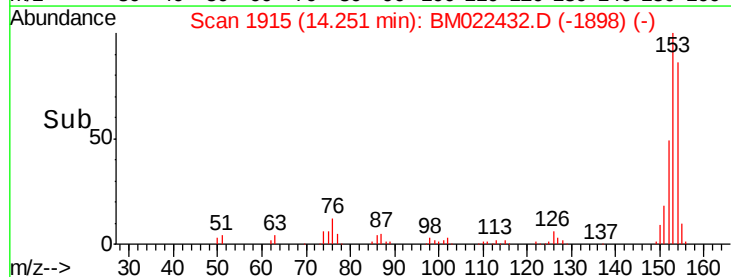
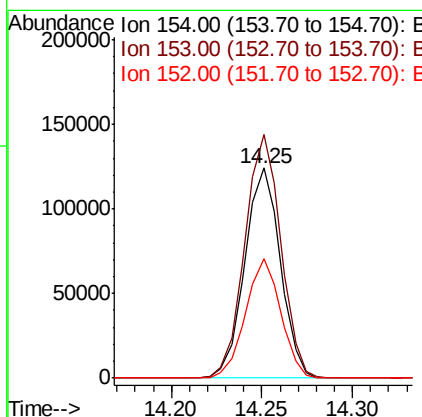
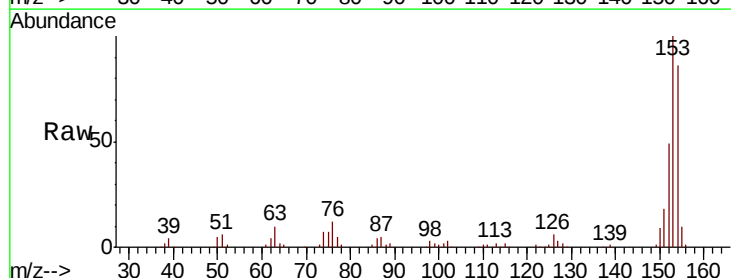
Instrument :
 BNA_M
 ClientSampled :

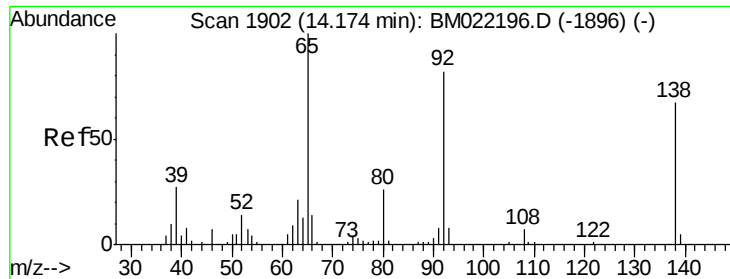
Tot Ion:165 Resp: 52888
 Ion Ratio Lower Upper
 165 100
 63 81.4 65.4 98.2
 89 79.3 69.0 103.6



#52
 Acenaphthene
 Concen: 39.897 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion:154 Resp: 169455
 Ion Ratio Lower Upper
 154 100
 153 115.8 94.3 141.5
 152 56.6 45.4 68.2





#53

3-Nitroaniline

Concen: 43.497 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

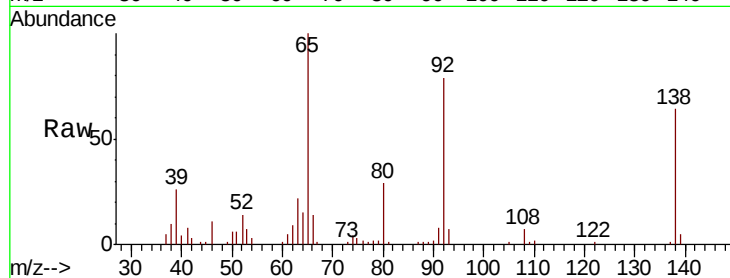
Tot Ion:138 Resp: 51608

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

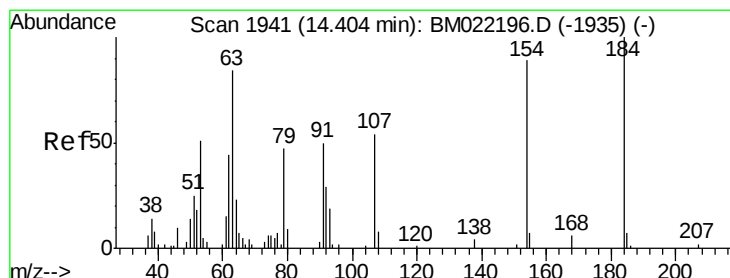
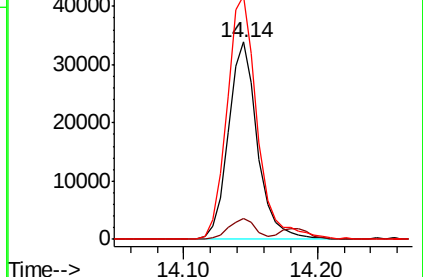
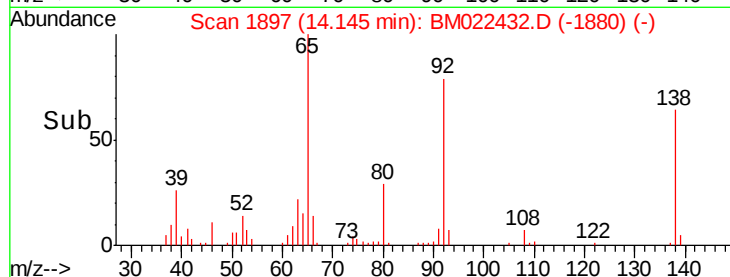
92 123.5 103.3 154.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 42.251 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

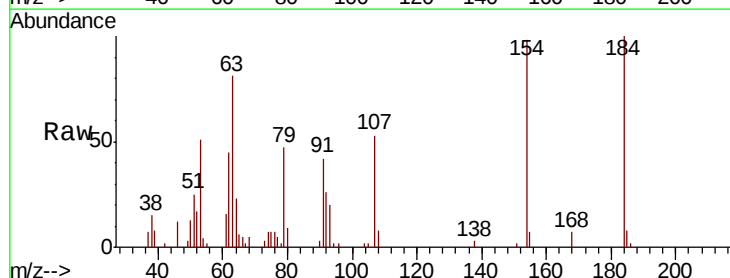
Tgt Ion:184 Resp: 28151

Ion Ratio Lower Upper

184 100

63 80.8 63.8 95.8

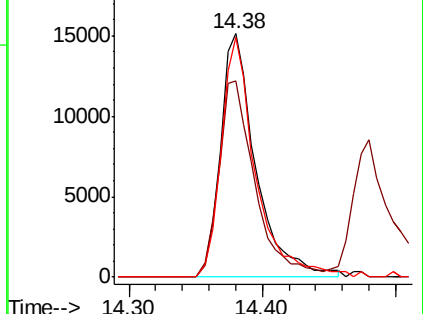
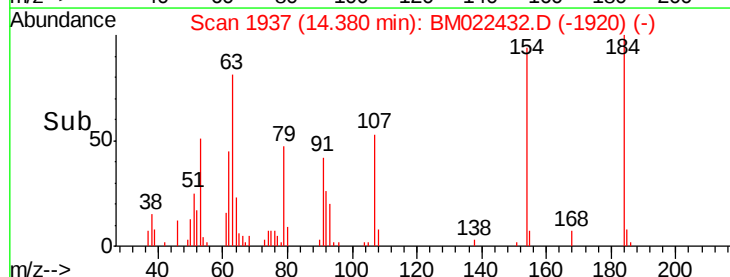
154 98.3 75.0 112.6

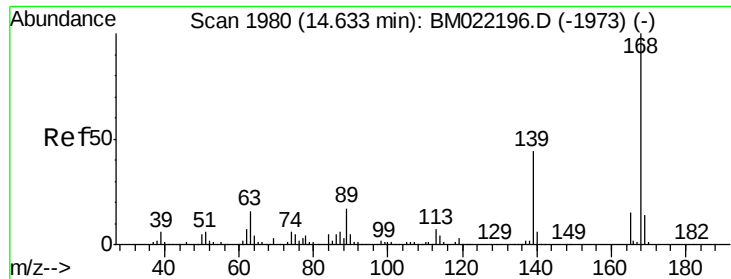


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

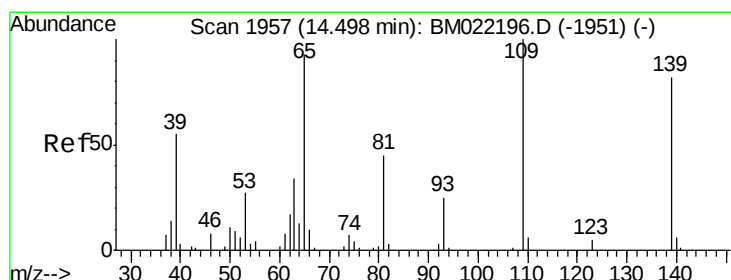
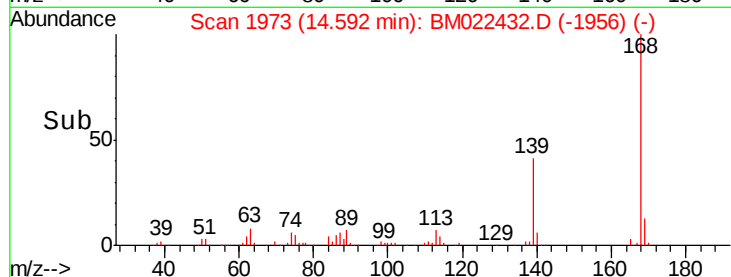
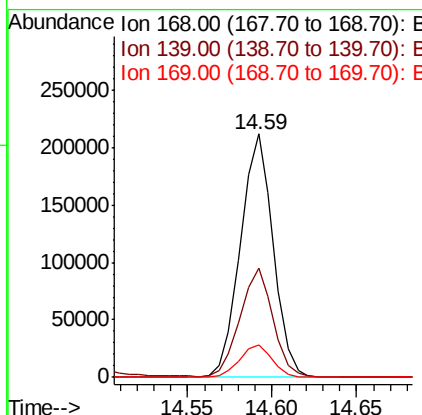
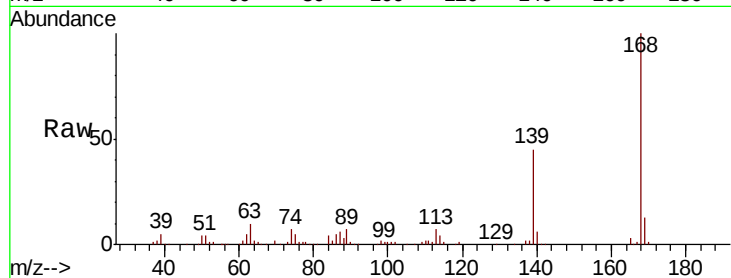




#55
Dibenzenofuran
Concen: 39.938 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

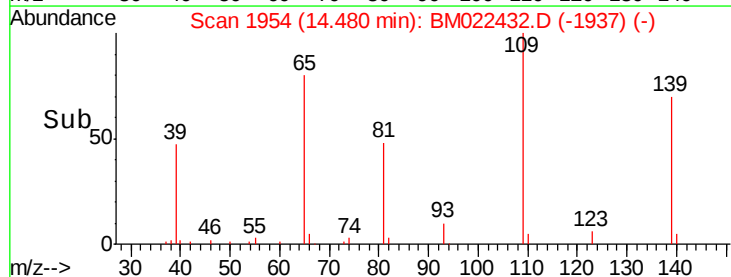
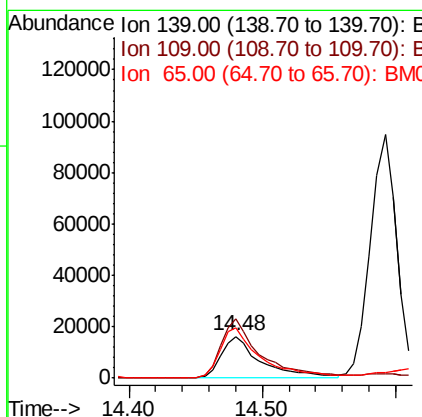
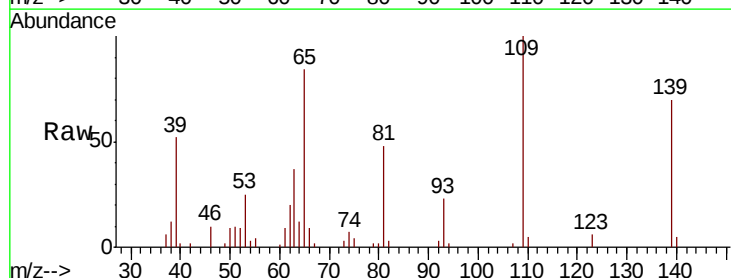
Instrument :
BNA_M
ClientSampled :

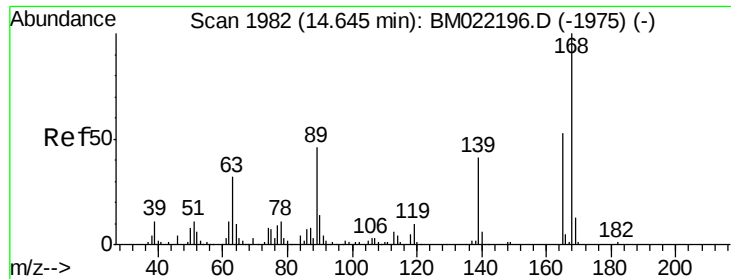
Tot Ion:168 Resp: 285758
Ion Ratio Lower Upper
168 100
139 44.7 36.1 54.1
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 45.116 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion:139 Resp: 33684
Ion Ratio Lower Upper
139 100
109 142.3 128.0 168.0
65 119.6 104.3 144.3

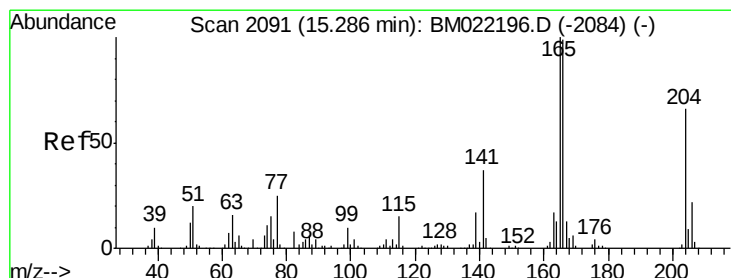
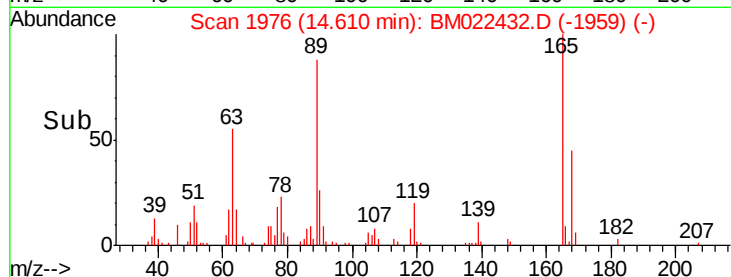
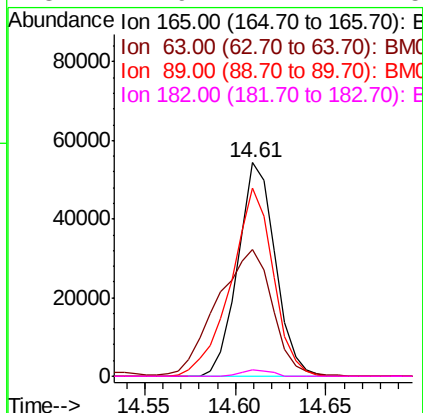
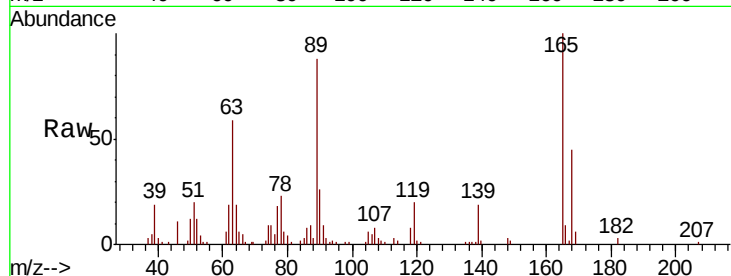




#57
 2,4-Dinitrotoluene
 Concen: 43.683 ng
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

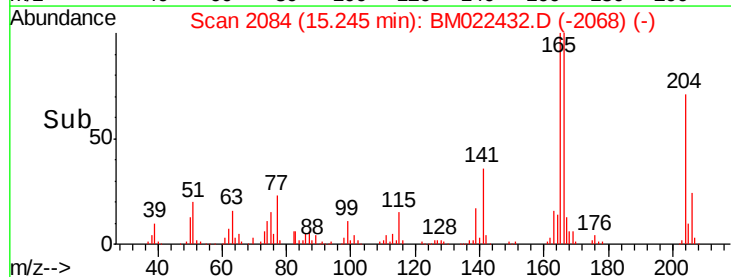
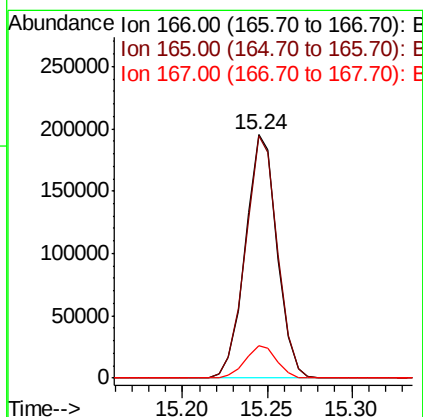
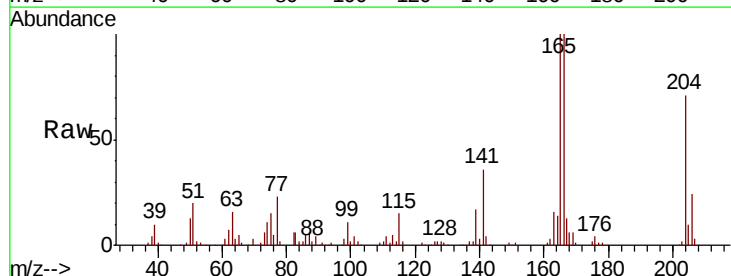
Instrument :
 BNA_M
 ClientSampleId :

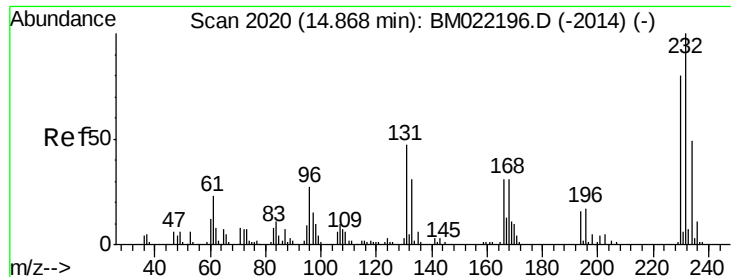
Tot Ion:165 Resp: 77604
 Ion Ratio Lower Upper
 165 100
 63 59.2 54.6 82.0
 89 88.1 74.5 111.7
 182 2.9 1.7 2.5#



#58
 Fluorene
 Concen: 39.927 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion:166 Resp: 255229
 Ion Ratio Lower Upper
 166 100
 165 99.6 81.1 121.7
 167 13.3 11.1 16.7

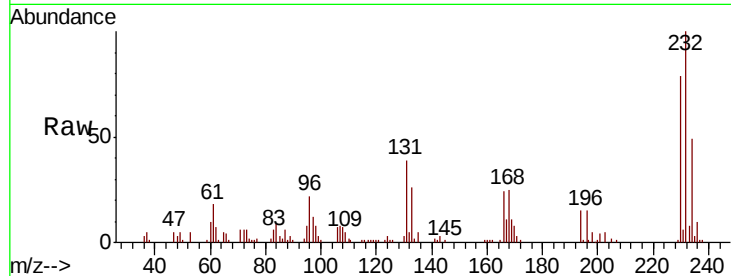




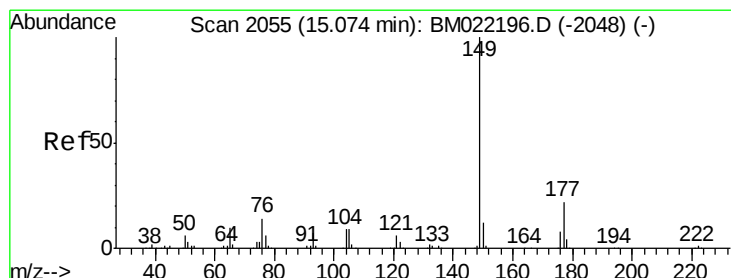
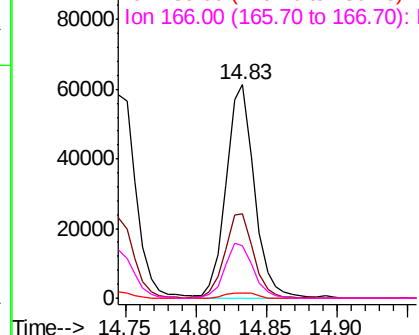
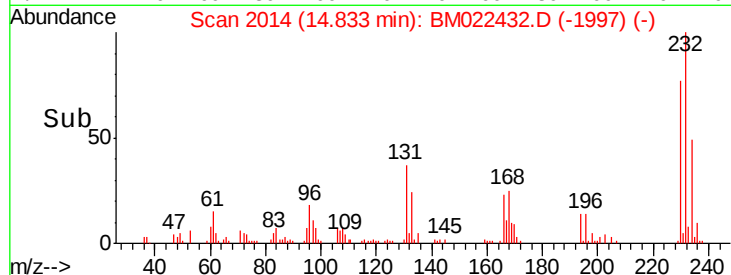
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.470 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232	Resp:	85857
Ion Ratio	Lower	Upper
232	100	
131	40.5	32.0 48.0
130	2.9	2.4 3.6
166	25.6	20.2 30.2

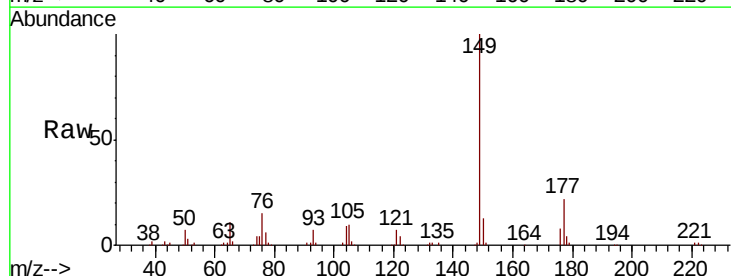


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

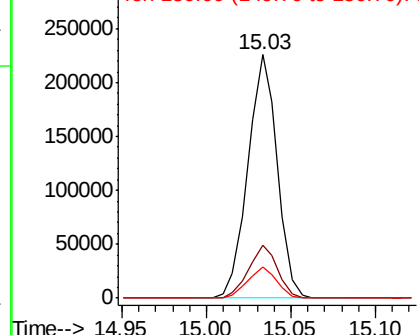
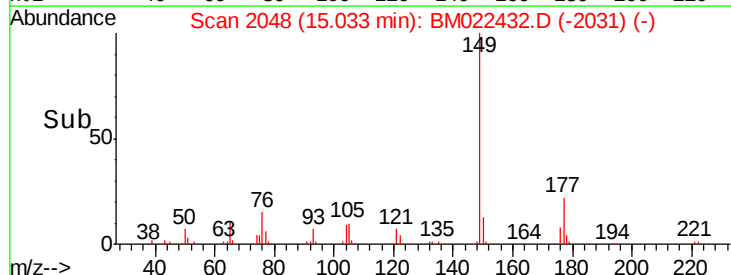


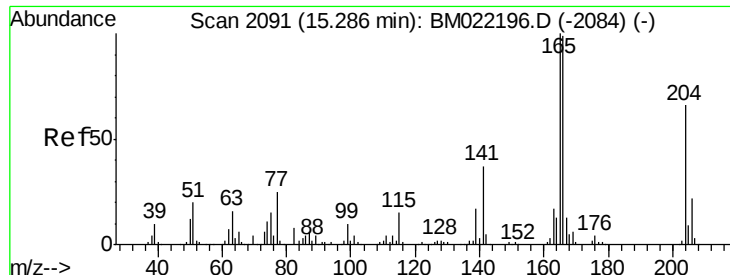
#60
 Diethylphthalate
 Concen: 41.569 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion:149	Resp:	273131
Ion Ratio	Lower	Upper
149	100	
177	21.6	16.6 25.0
150	12.7	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

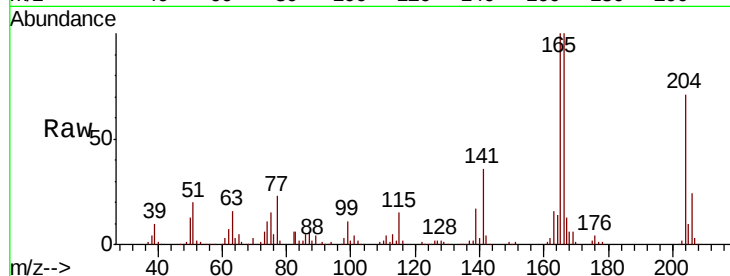




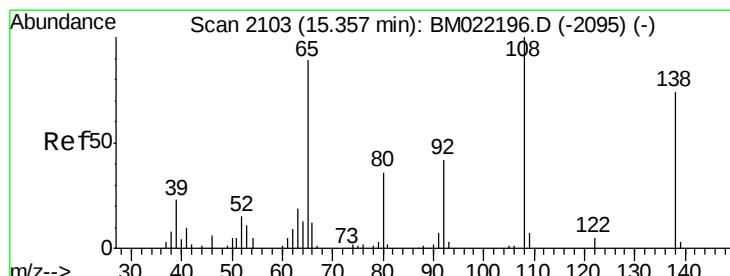
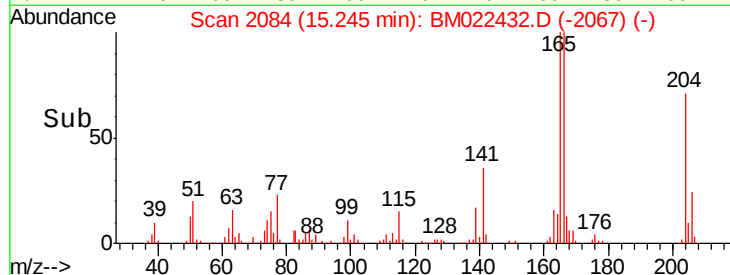
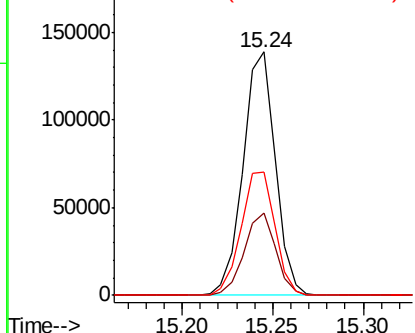
#61
 4-Chlorophenyl-phenylether
 Concen: 39.089 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 171823
 Ion Ratio Lower Upper
 204 100
 206 34.0 26.2 39.4
 141 50.4 40.6 60.8

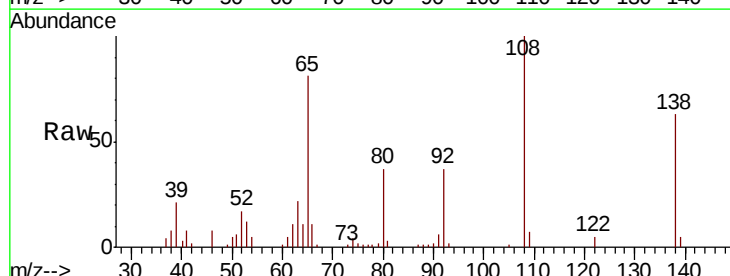


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

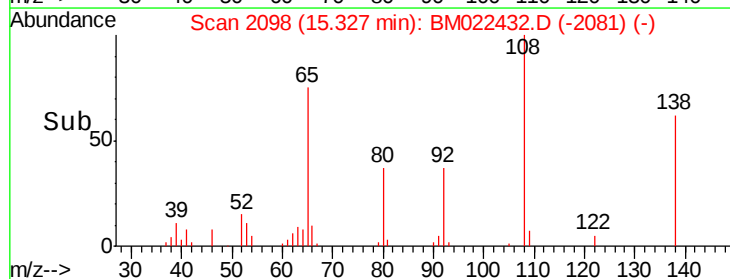
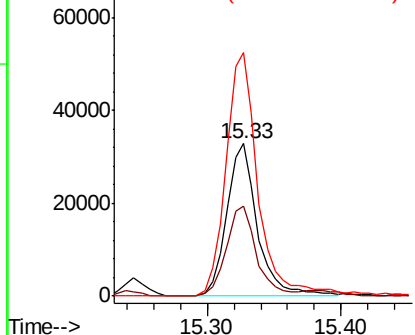


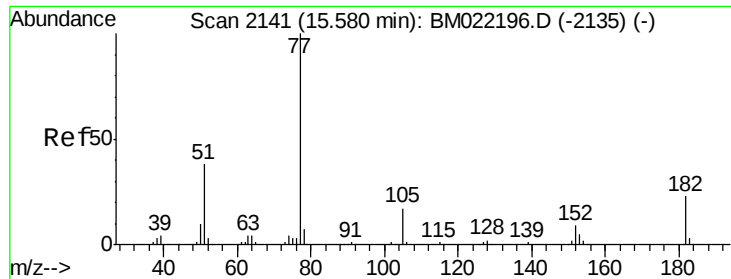
#62
 4-Nitroaniline
 Concen: 47.757 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion:138 Resp: 53034
 Ion Ratio Lower Upper
 138 100
 92 59.5 40.5 80.5
 108 159.8 156.8 196.8



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

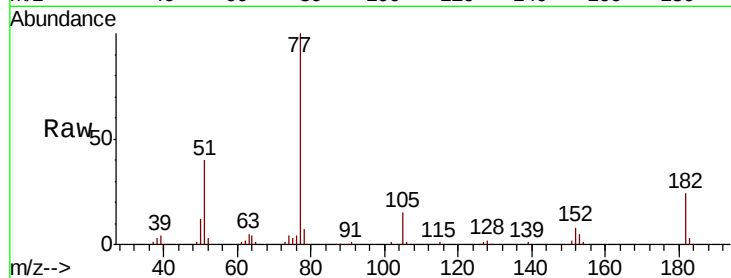




#63
Azobenzene
Concen: 40.882 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	268139
Ion	Ratio	Lower	Upper
77	100		
182	23.7	3.5	43.5
105	15.5	0.0	34.2
51	40.4	21.8	61.8

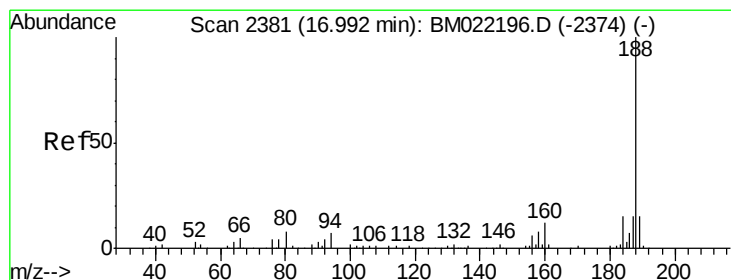
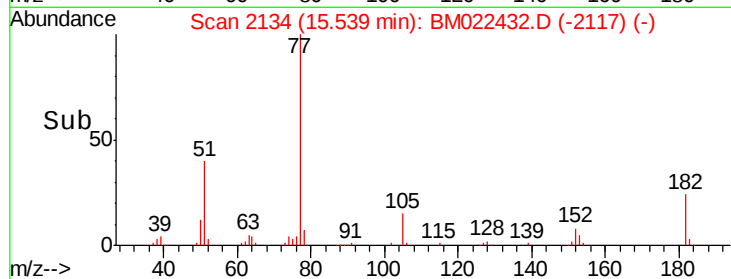
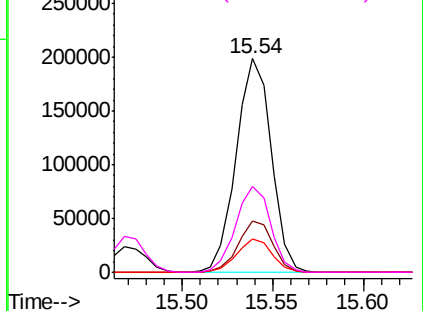


Abundance Ion 77.00 (76.70 to 77.70): BM022432.D (-2117) (-)

Ion 182.00 (181.70 to 182.70): BM022432.D (-2117) (-)

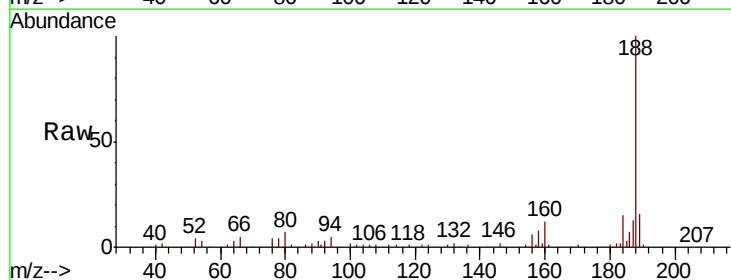
Ion 105.00 (104.70 to 105.70): BM022432.D (-2117) (-)

Ion 51.00 (50.70 to 51.70): BM022432.D (-2117) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

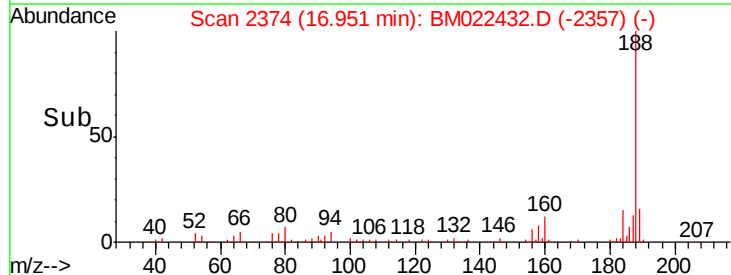
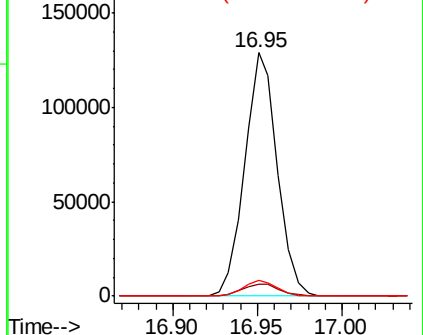
Tgt Ion:	188	Resp:	172263
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.4	6.6
80	6.6	5.0	7.6

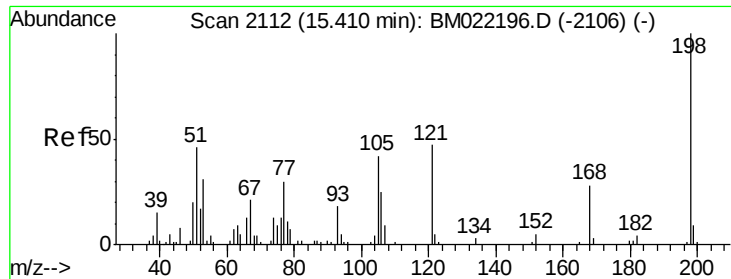


Abundance Ion 188.00 (187.70 to 188.70): BM022432.D (-2357) (-)

Ion 94.00 (93.70 to 94.70): BM022432.D (-2357) (-)

Ion 80.00 (79.70 to 80.70): BM022432.D (-2357) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 42.733 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

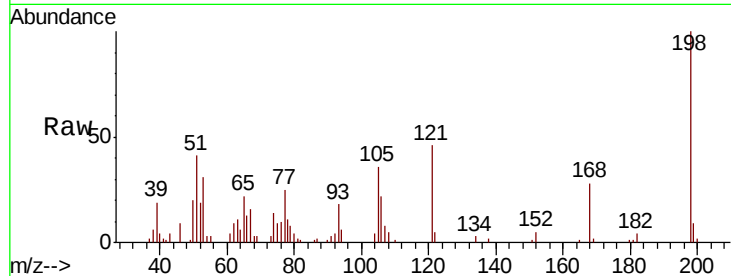
Tot Ion:198 Resp: 43926

Ion Ratio Lower Upper

198 100

51 40.9 21.0 61.0

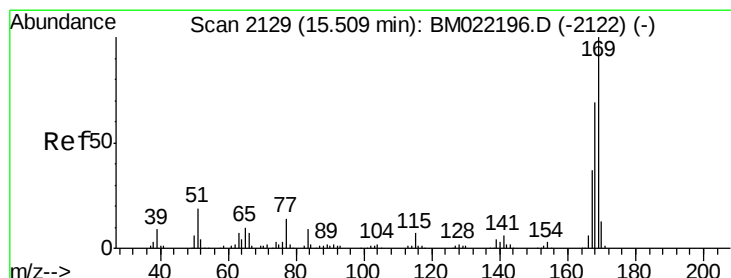
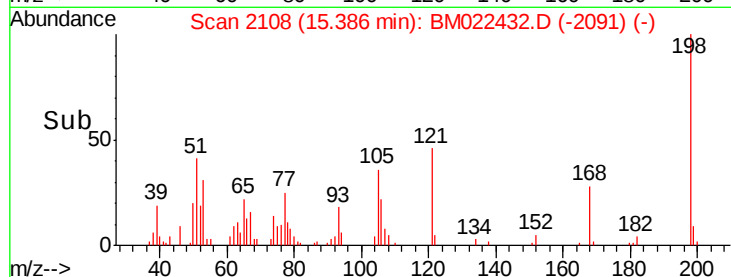
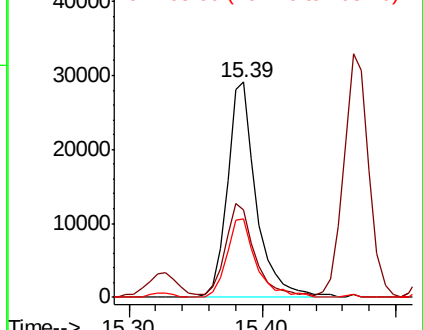
105 36.3 16.1 56.1



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: 39.967 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

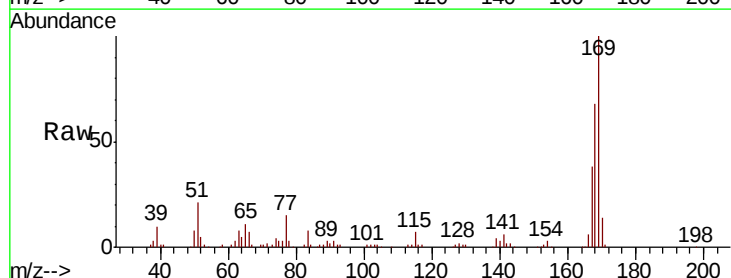
Tgt Ion:169 Resp: 207863

Ion Ratio Lower Upper

169 100

168 67.8 56.7 85.1

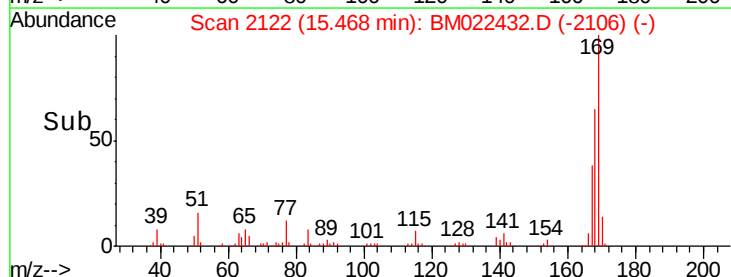
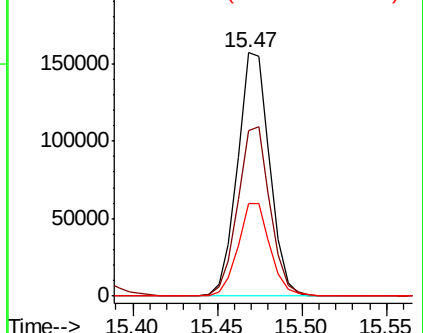
167 38.2 30.8 46.2

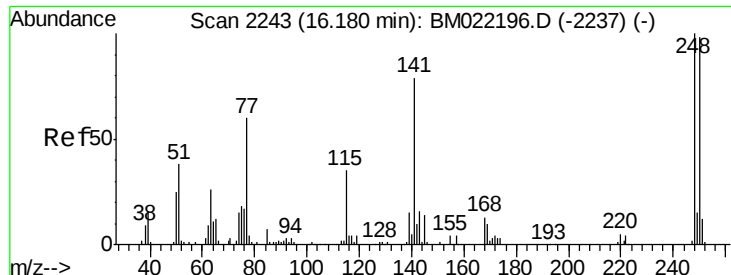


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.179 ng

RT: 16.14 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampled :

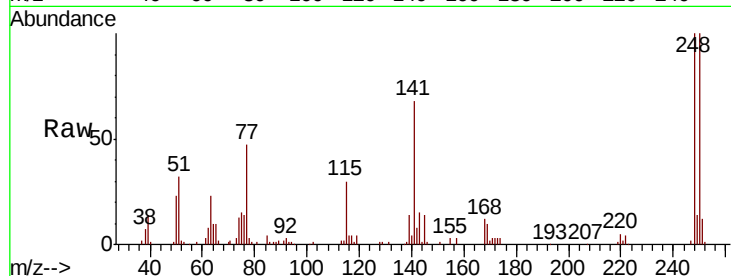
Tot Ion:248 Resp: 106189

Ion Ratio Lower Upper

248 100

250 99.8 73.6 110.4

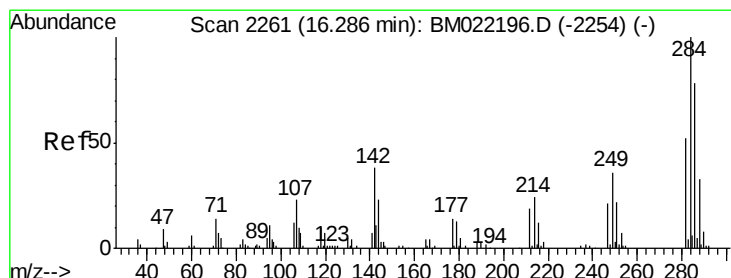
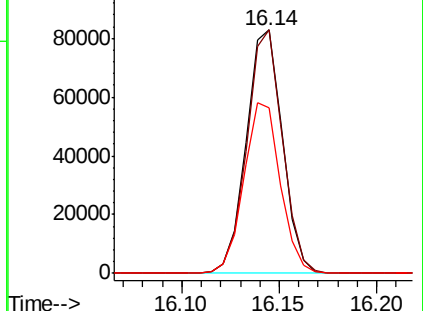
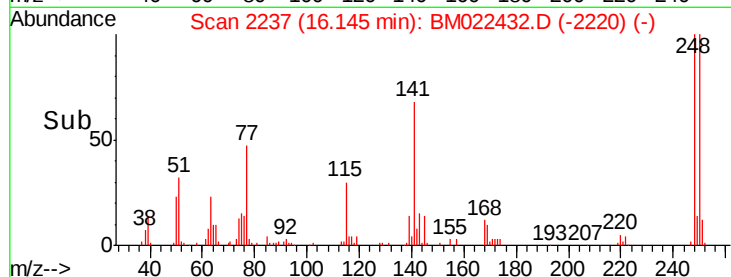
141 68.0 53.3 79.9



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: 40.140 ng

RT: 16.24 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

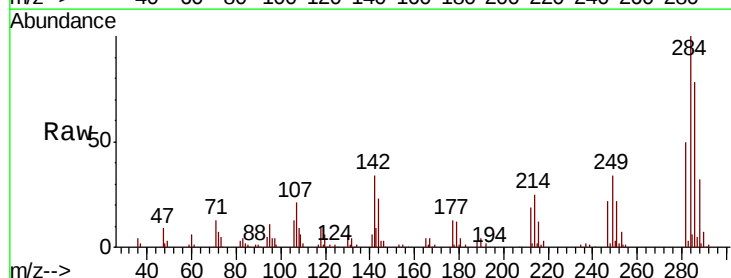
Tgt Ion:284 Resp: 123236

Ion Ratio Lower Upper

284 100

142 33.8 30.2 45.4

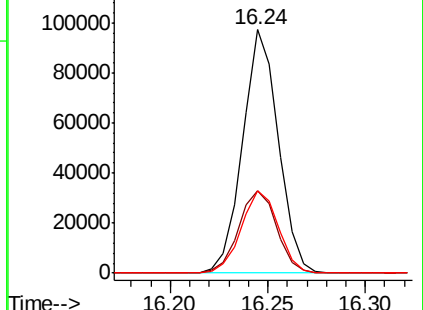
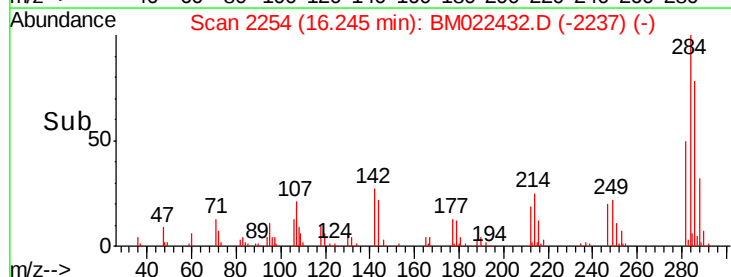
249 33.9 28.8 43.2

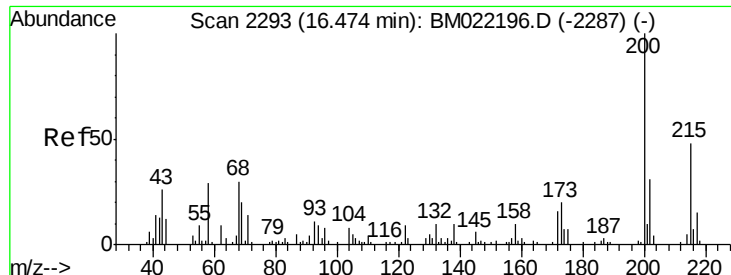


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

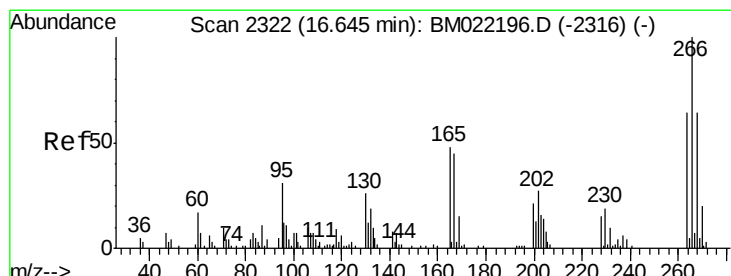
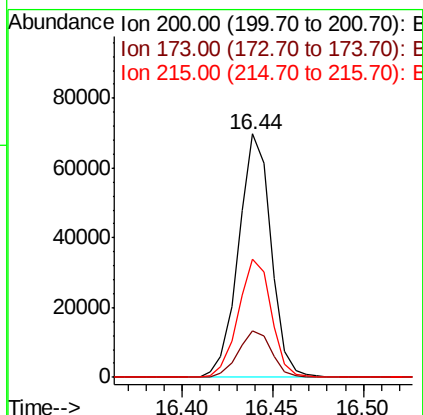
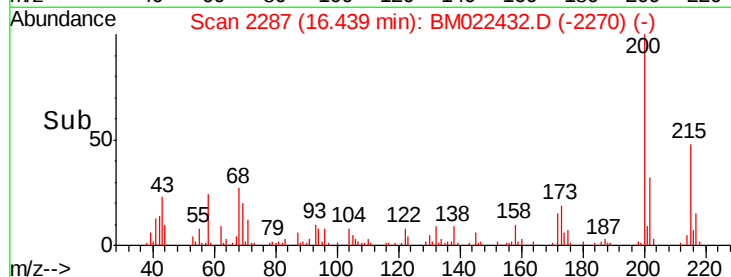
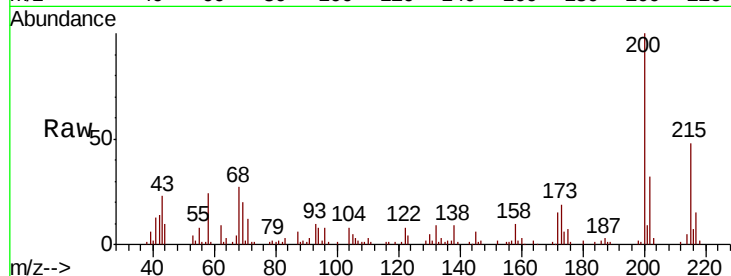




#69
Atrazine
Concen: 39.303 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

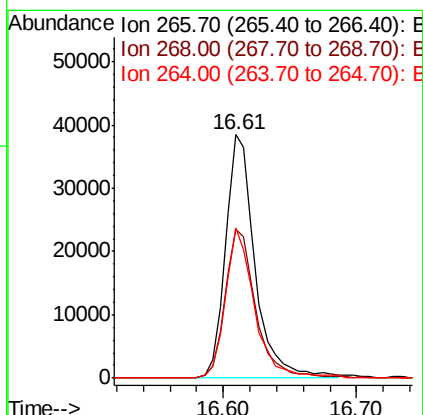
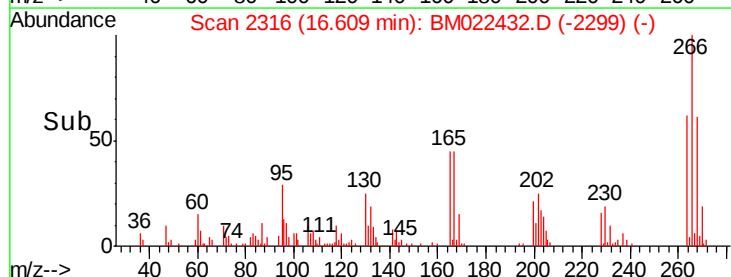
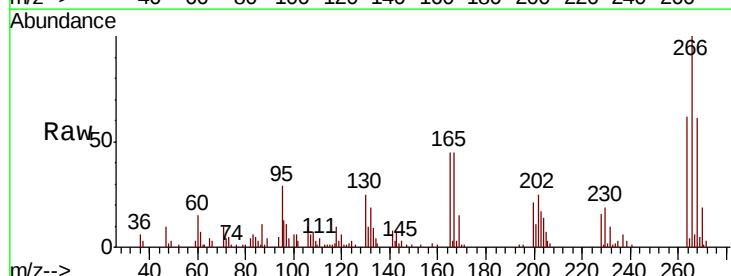
Instrument :
BNA_M
ClientSampled :

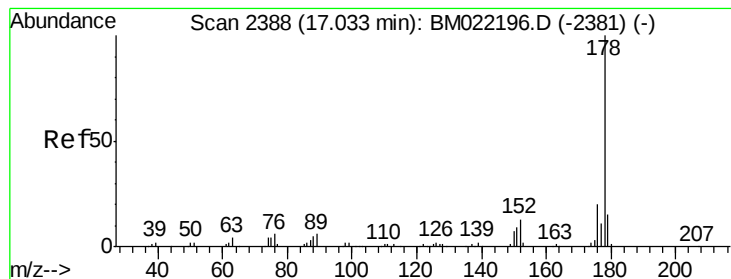
Tot Ion	Ratio	Lower	Upper
200	100		
173	19.0	0.0	39.9
215	48.4	27.8	67.8



#70
Pentachlorophenol
Concen: 43.350 ng
RT: 16.61 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	48.4	72.6
264	61.6	51.7	77.5





#71

Phenanthrene

Concen: 40.669 ng

RT: 17.00 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

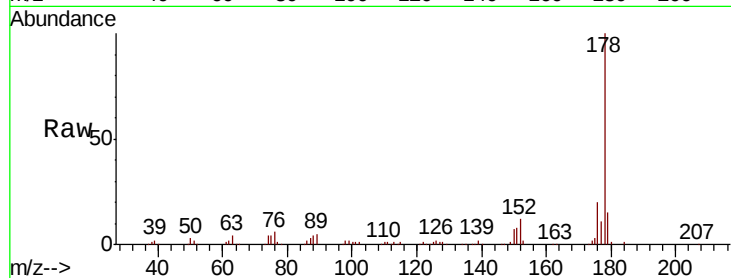
Tot Ion:178 Resp: 408363

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

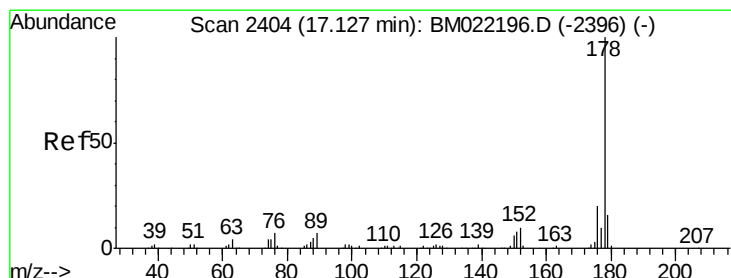
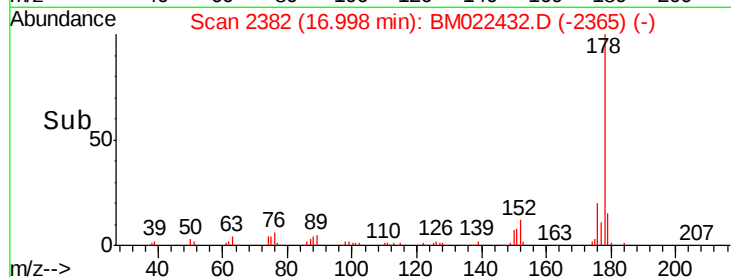
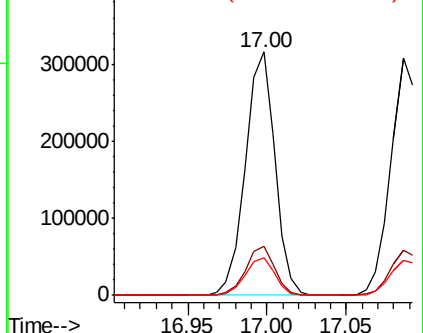
179 15.3 12.3 18.5



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: 40.614 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

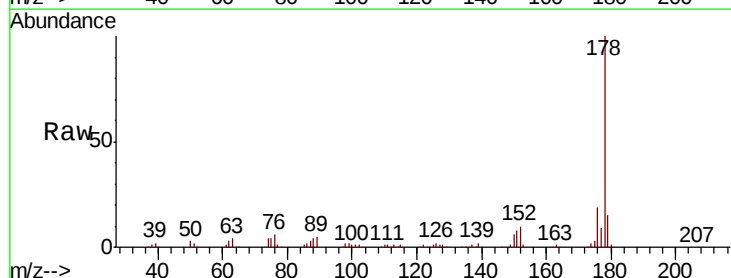
Tgt Ion:178 Resp: 401238

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

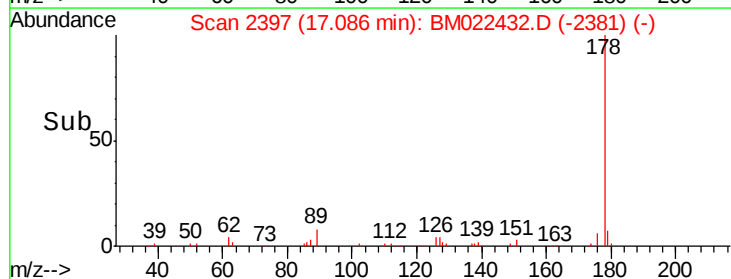
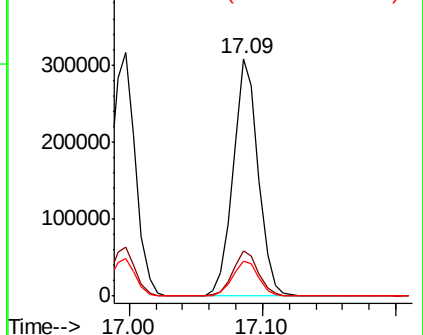
179 14.8 11.8 17.6

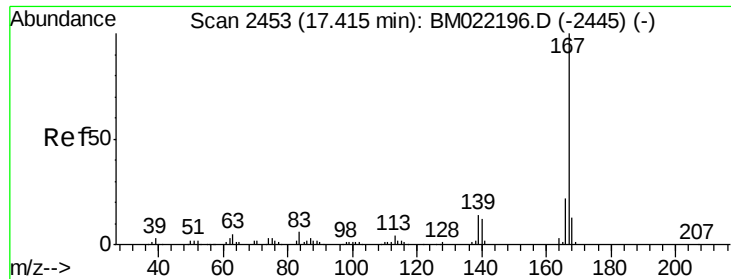


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

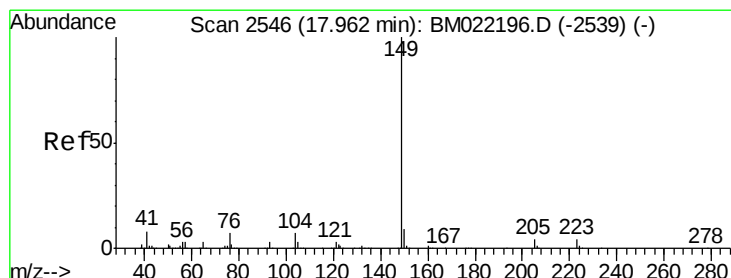
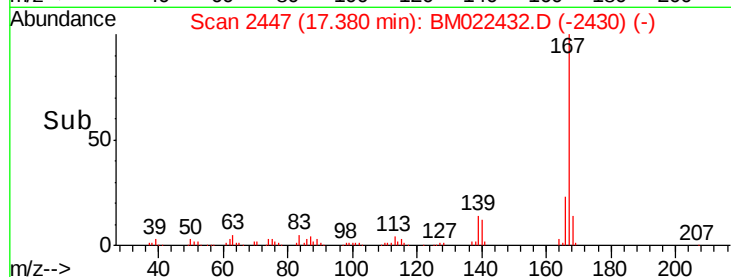
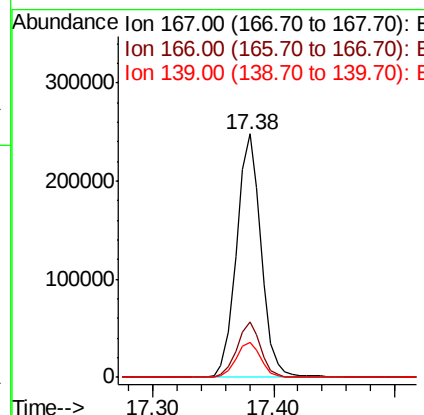
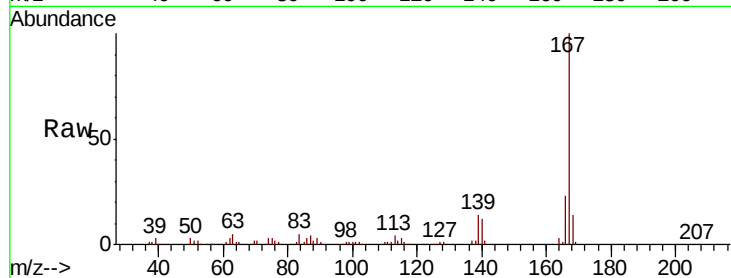




#73
 Carbazole
 Concen: 43.009 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

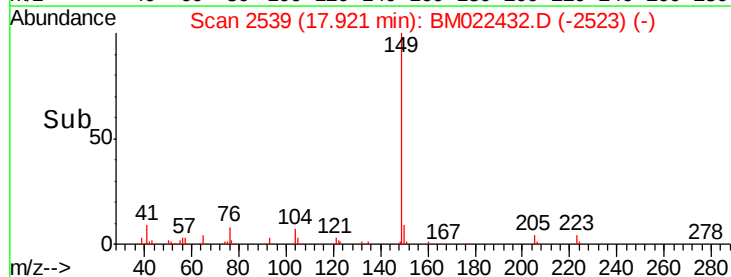
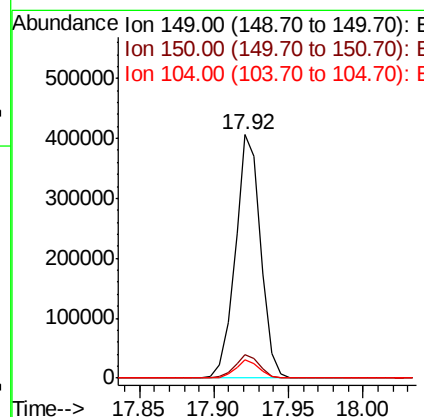
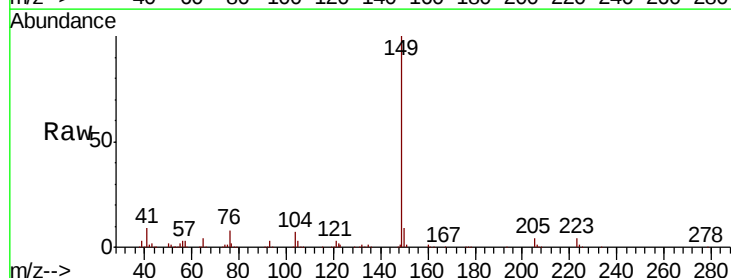
Instrument :
 BNA_M
 ClientSampleId :

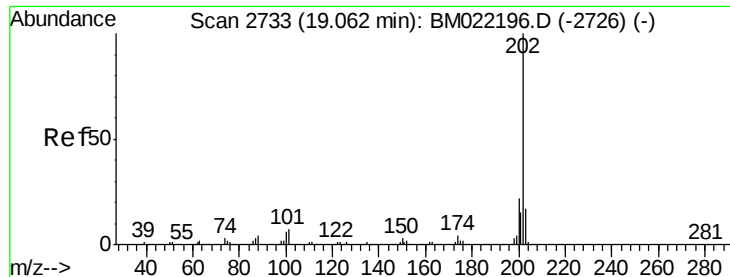
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.6
139	14.4	11.6	17.4



#74
 Di-n-butylphthalate
 Concen: 43.398 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	7.4	5.6	8.4





#75

Fluoranthene

Concen: 44.464 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

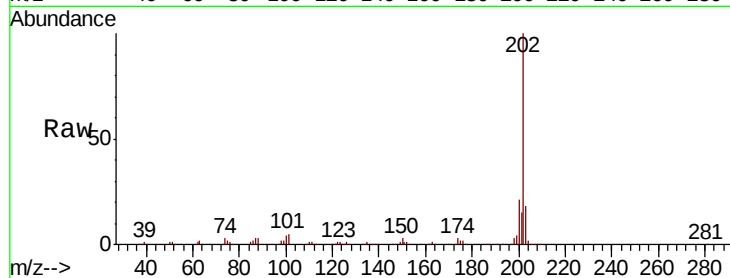
Tot Ion:202 Resp: 594564

Ion Ratio Lower Upper

202 100

101 5.1 0.0 25.1

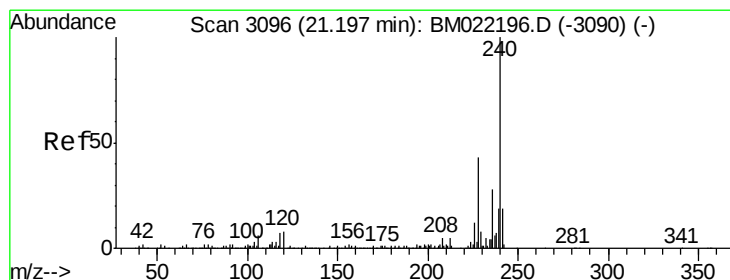
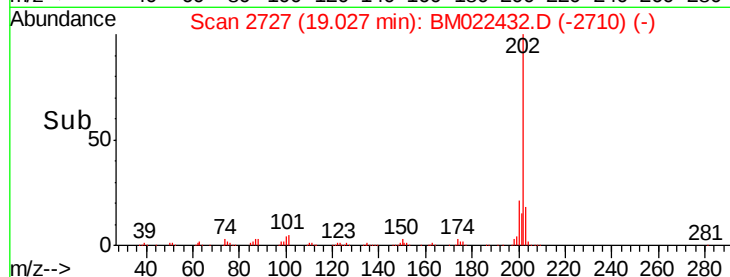
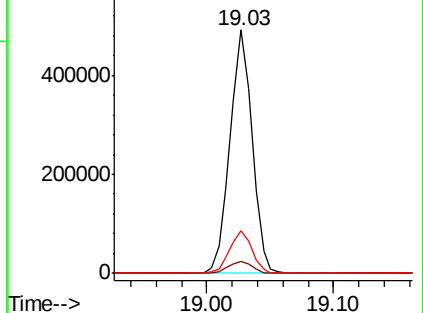
203 17.6 0.0 37.1



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: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

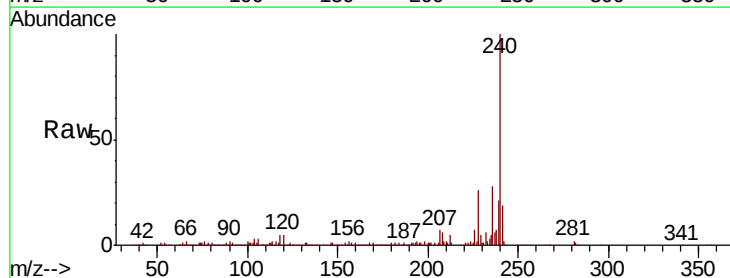
Tgt Ion:240 Resp: 254436

Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

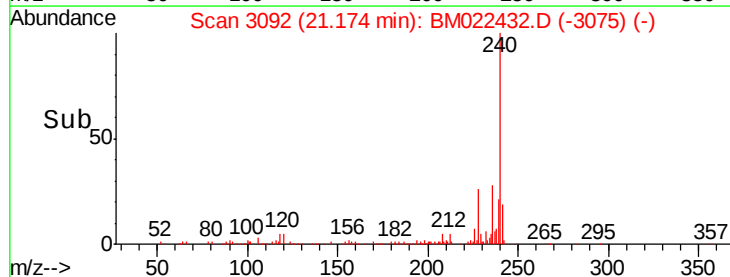
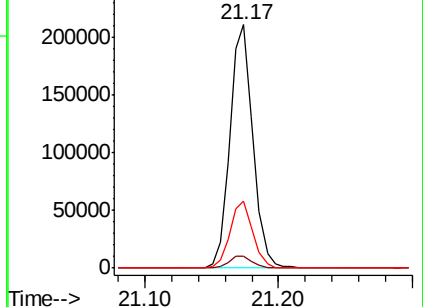
236 27.6 21.4 32.2

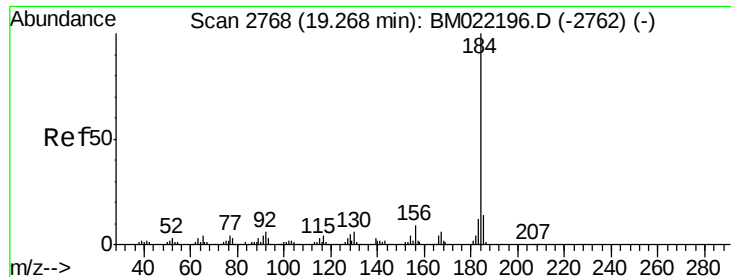


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.648 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

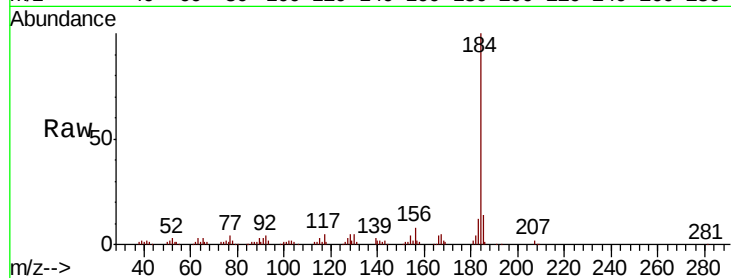
Tot Ion:184 Resp: 204140

Ion Ratio Lower Upper

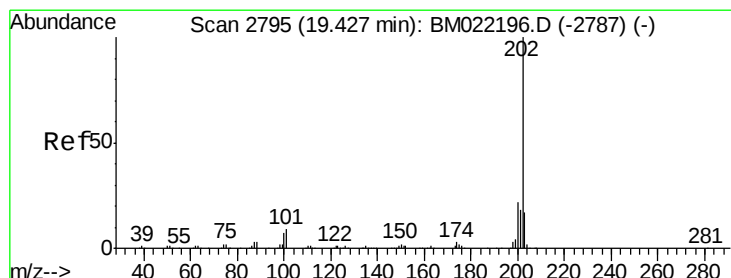
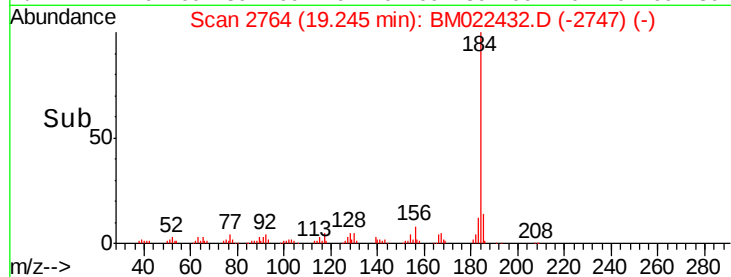
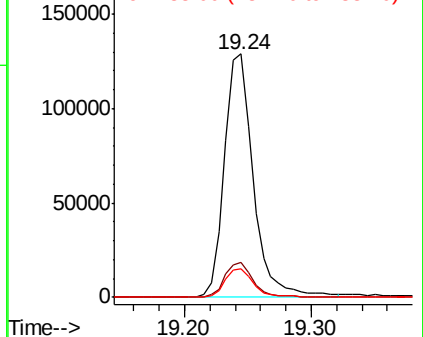
184 100

185 14.4 11.8 17.6

183 11.7 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: 35.448 ng

RT: 19.40 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

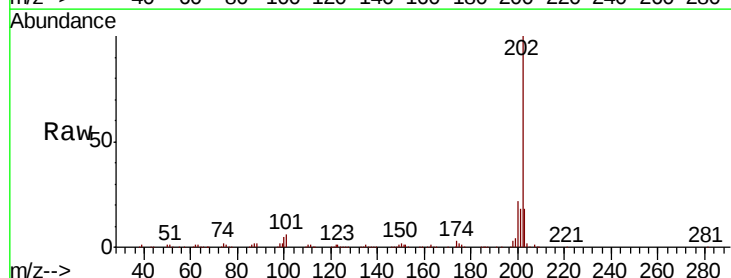
Tgt Ion:202 Resp: 614659

Ion Ratio Lower Upper

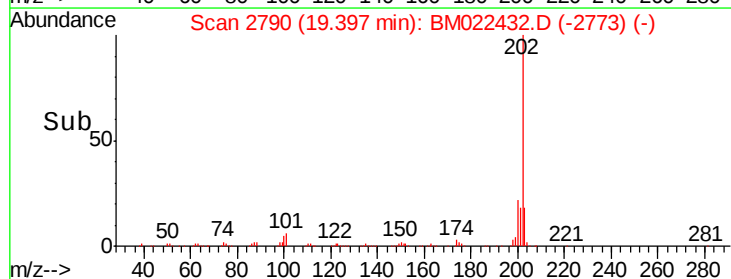
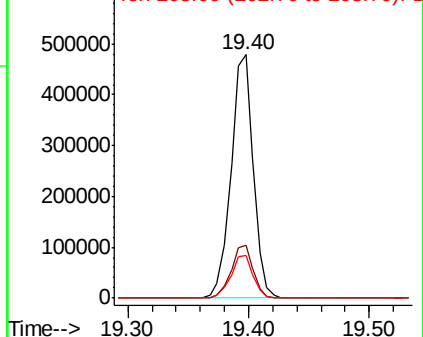
202 100

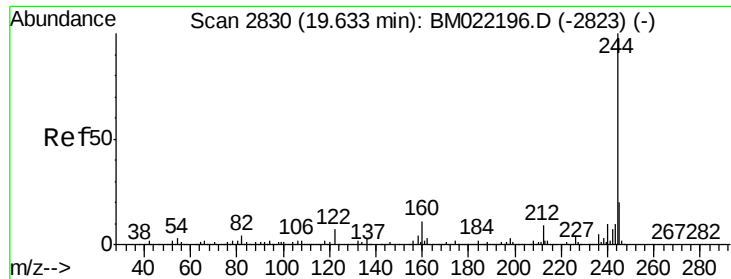
200 21.7 17.7 26.5

203 17.7 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: 73.243 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

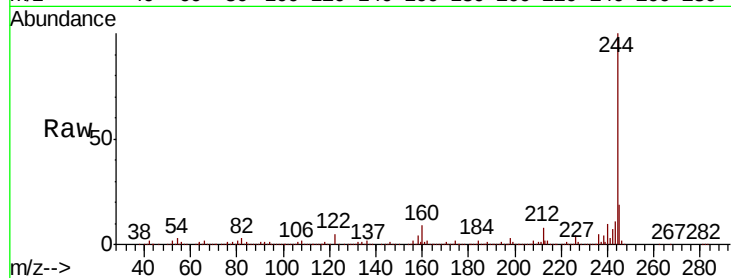
Tot Ion:244 Resp: 1412050

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

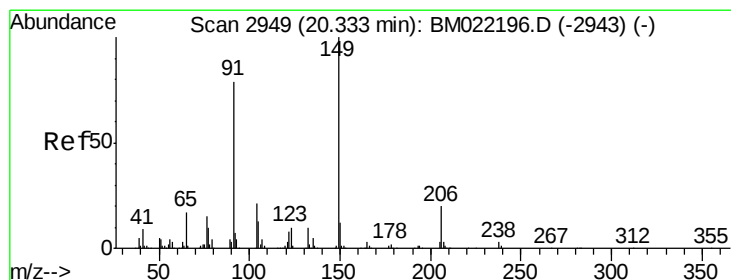
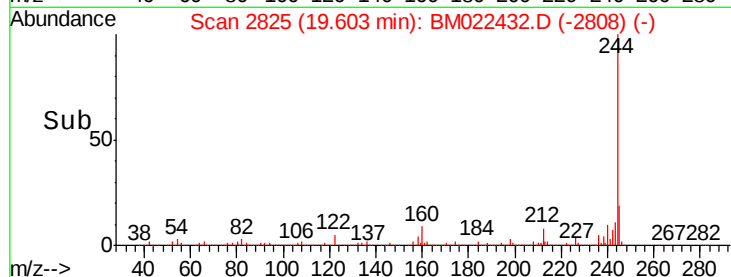
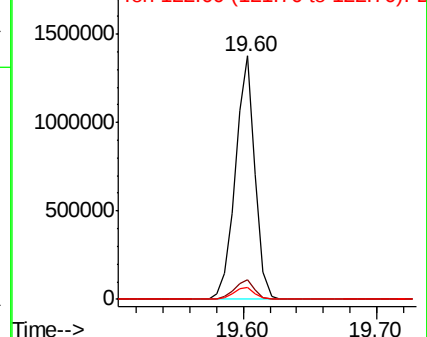
122 4.8 3.9 5.9



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: 41.107 ng

RT: 20.30 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

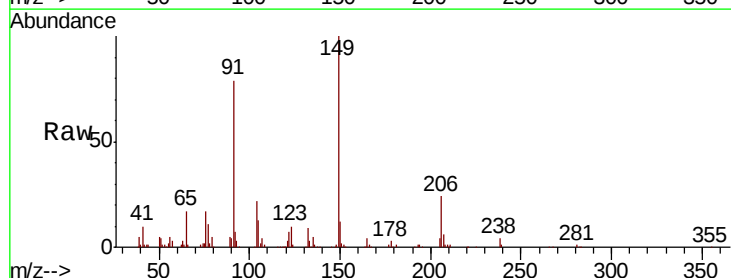
Tgt Ion:149 Resp: 248756

Ion Ratio Lower Upper

149 100

91 79.3 64.0 96.0

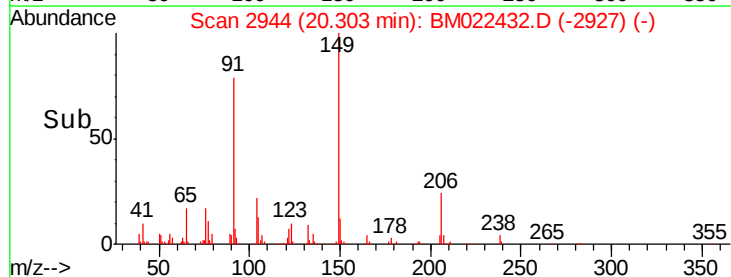
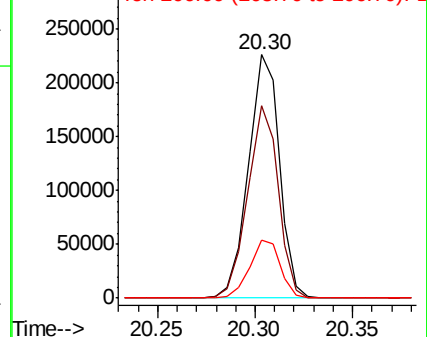
206 23.8 17.6 26.4

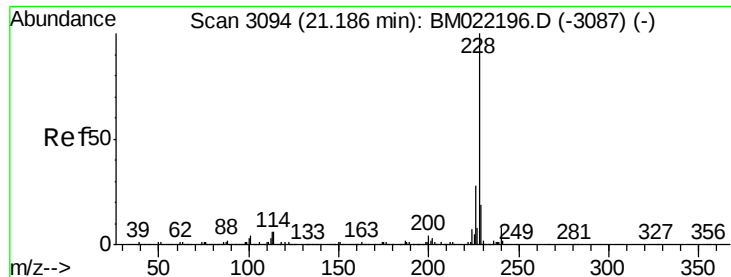


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

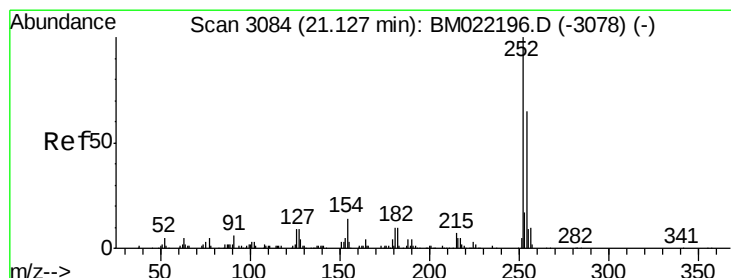
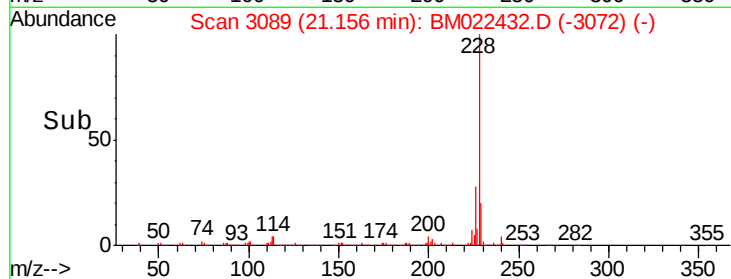
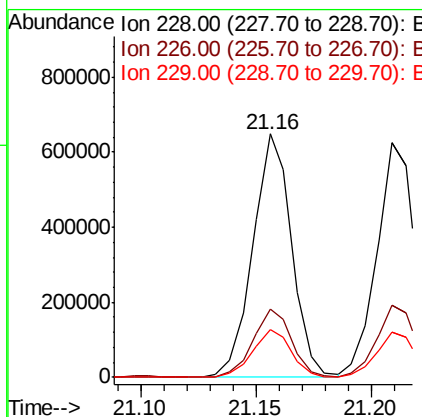
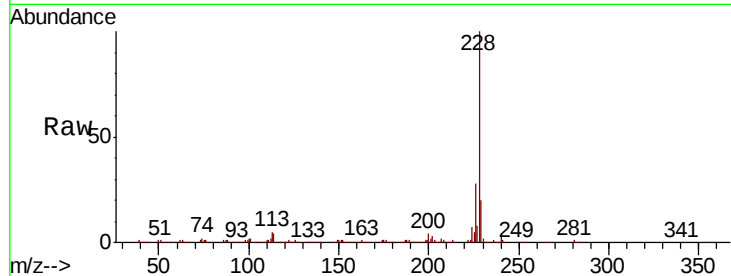




#81
Benzo(a)anthracene
Concen: 41.636 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

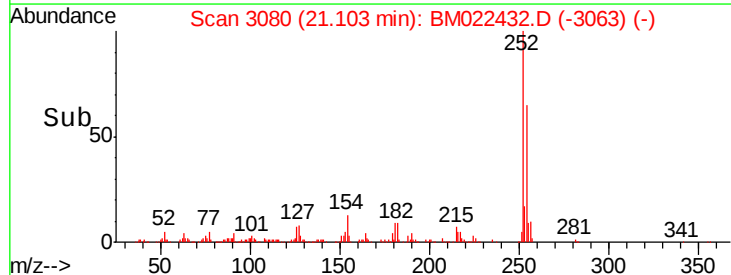
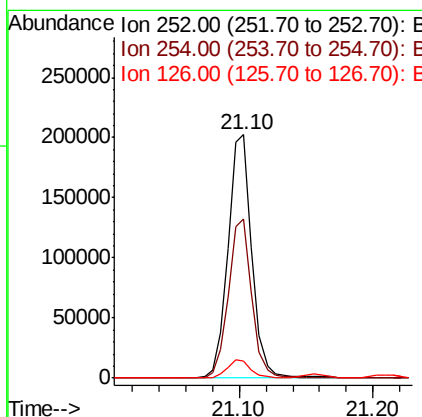
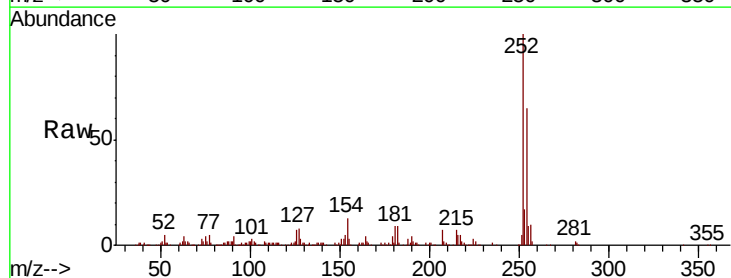
Instrument :
BNA_M
ClientSampleId :

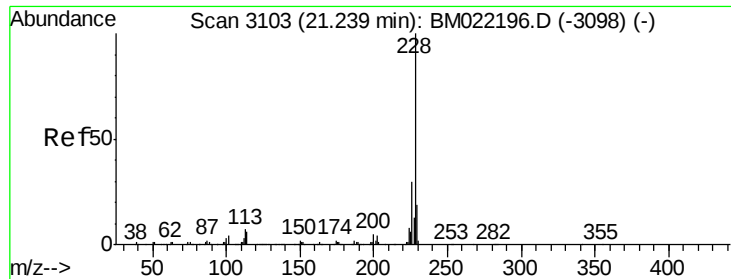
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.7	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 45.078 ng
RT: 21.10 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.4
126	6.8	5.8	8.8





#83

Chrysene

Concen: 41.180 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

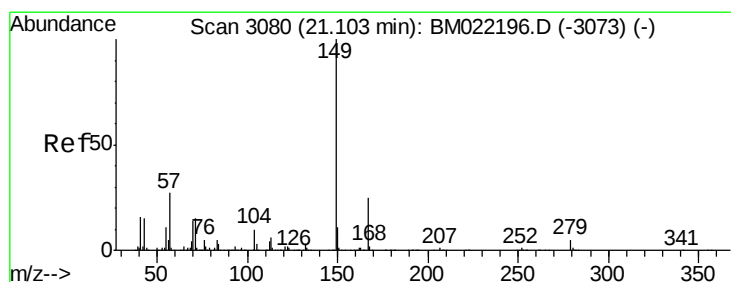
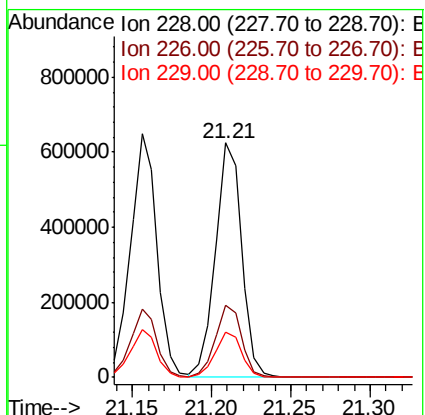
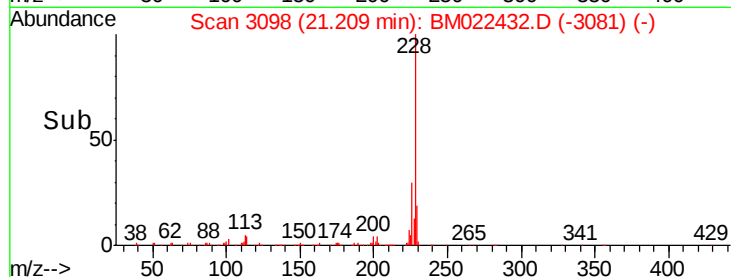
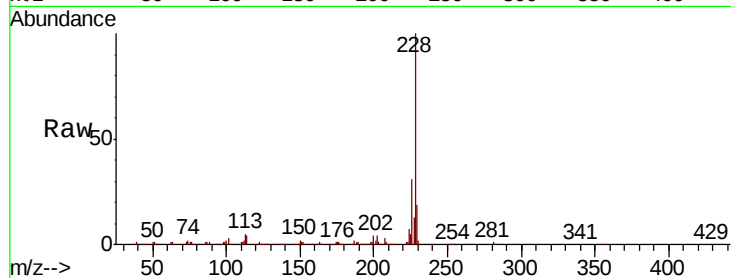
Tot Ion:228 Resp: 715820

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.052 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

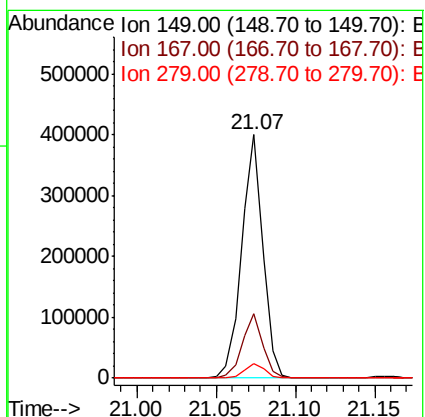
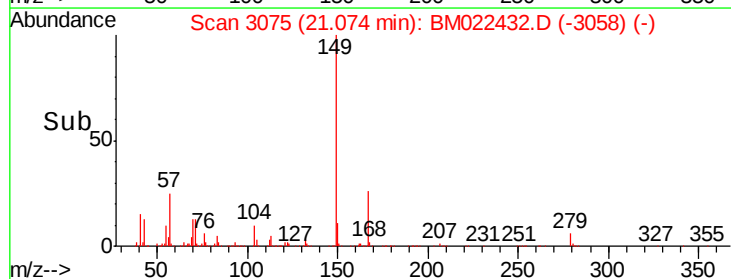
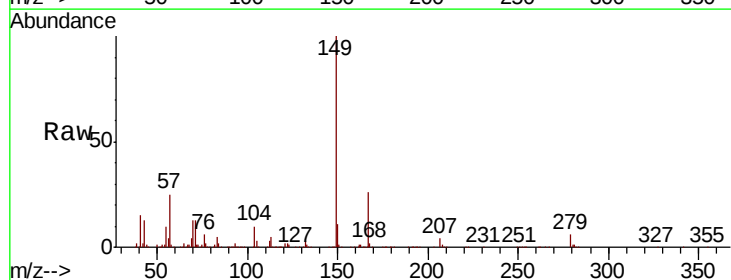
Tgt Ion:149 Resp: 370178

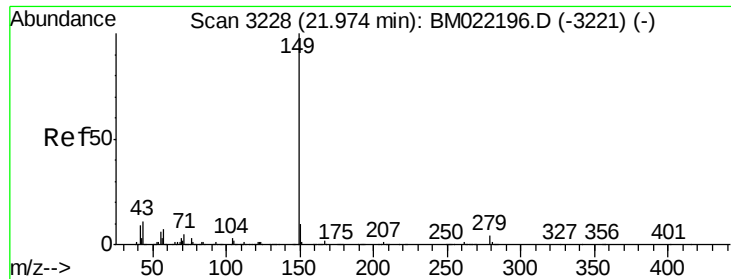
Ion Ratio Lower Upper

149 100

167 26.3 19.6 29.4

279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 48.368 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

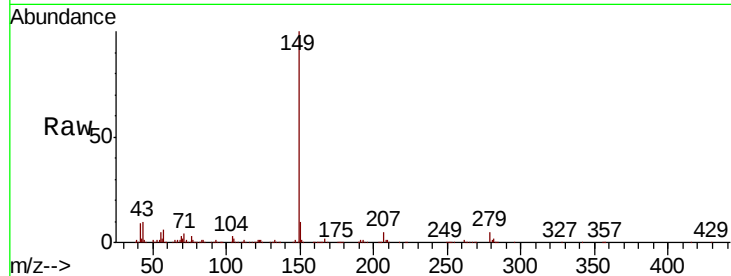
Tot Ion:149 Resp: 638275

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

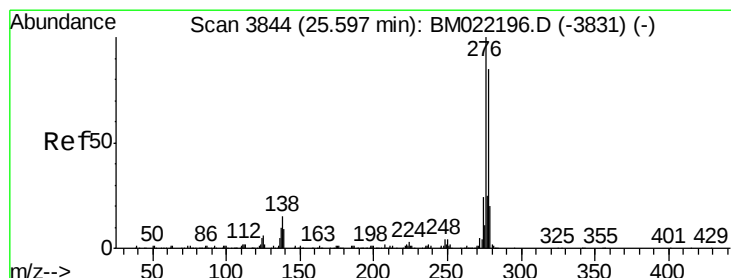
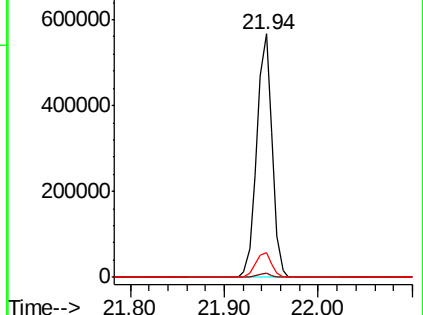
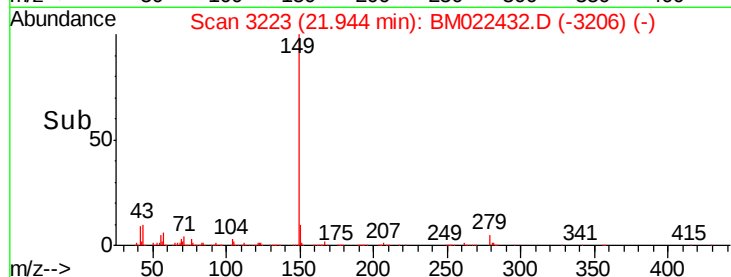
43 10.7 9.0 13.6



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: 40.268 ng

RT: 25.55 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

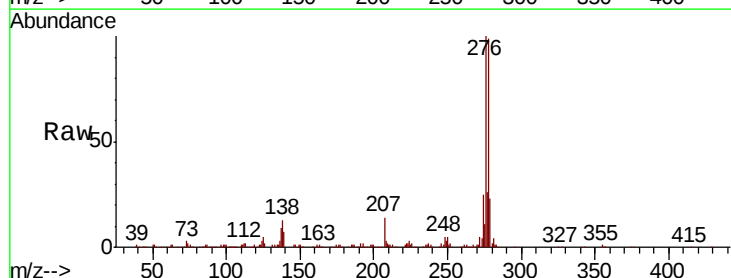
Tgt Ion:276 Resp: 704073

Ion Ratio Lower Upper

276 100

138 12.0 9.1 13.7

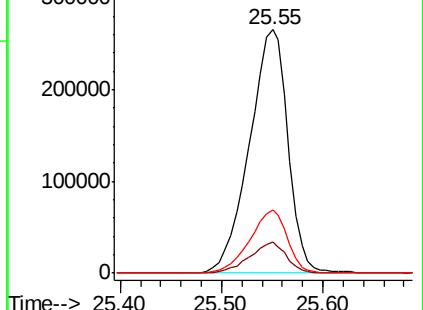
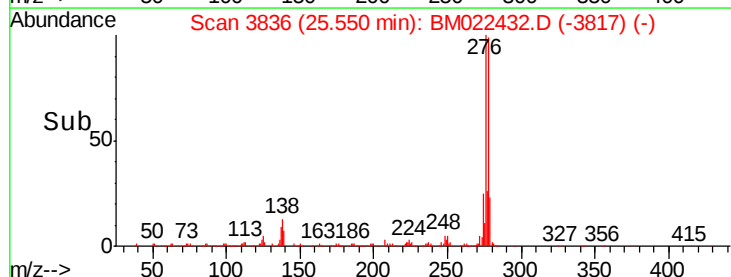
277 25.2 20.0 30.0

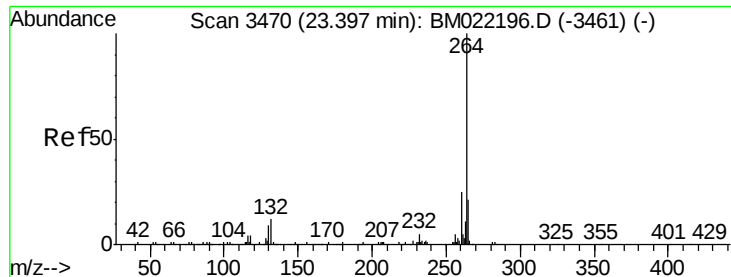


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

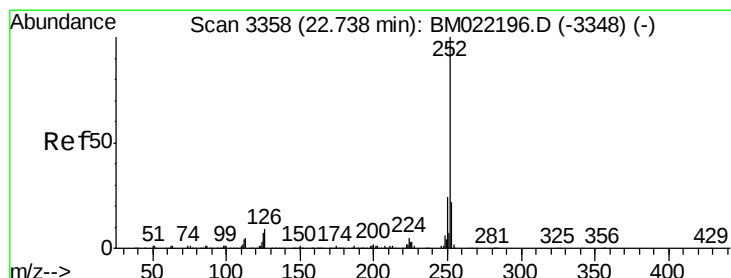
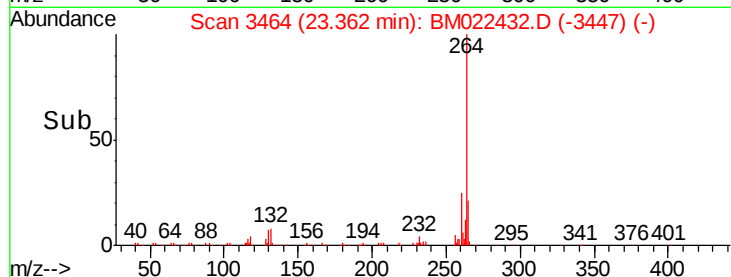
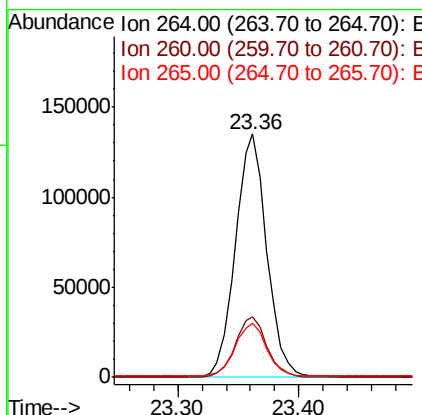
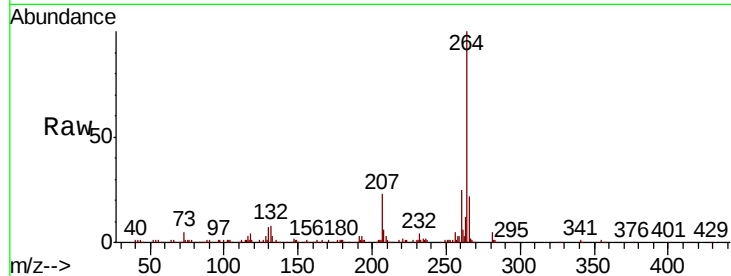




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

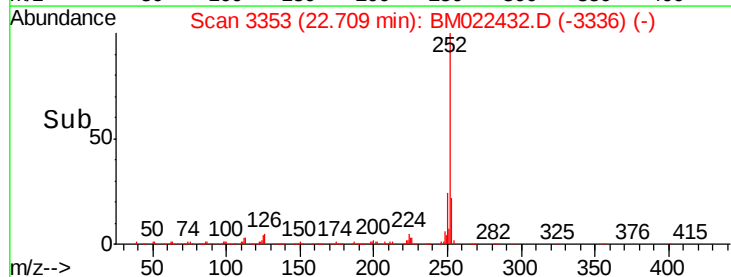
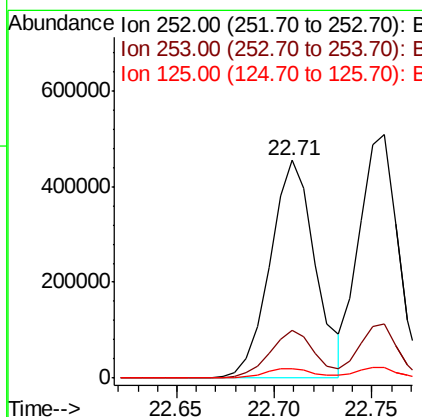
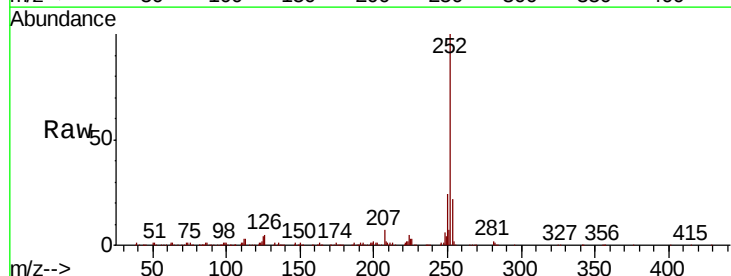
Instrument :
 BNA_M
 ClientSampleId :

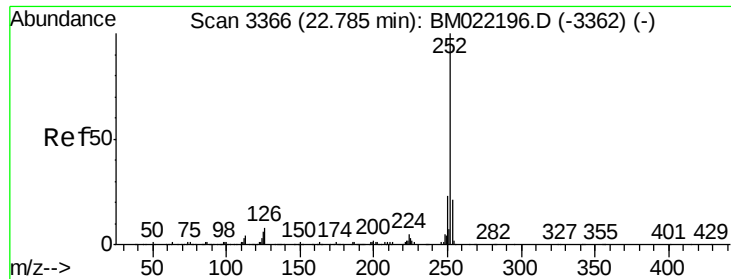
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	22.1	18.2	27.2



#88
 Benzo(b)fluoranthene
 Concen: 42.988 ng
 RT: 22.71 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: BM022432.D
 Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	4.4	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 41.551 ng

RT: 22.76 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

Instrument :

BNA_M

ClientSampleId :

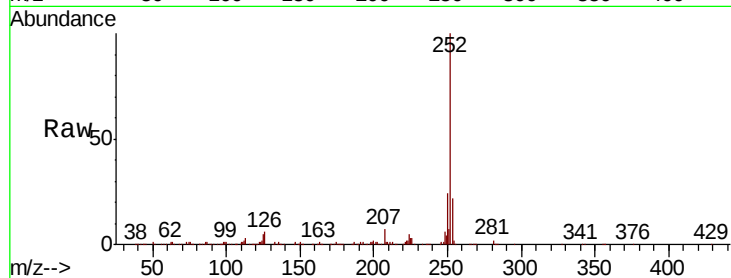
Tot Ion:252 Resp: 699260

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

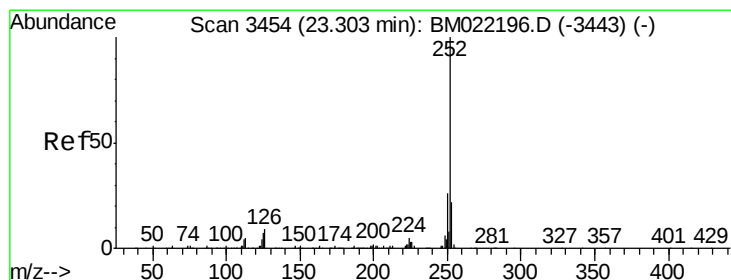
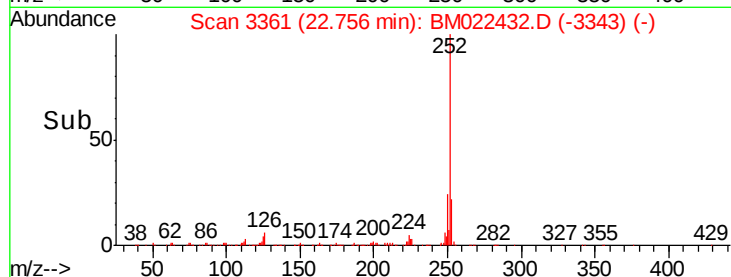
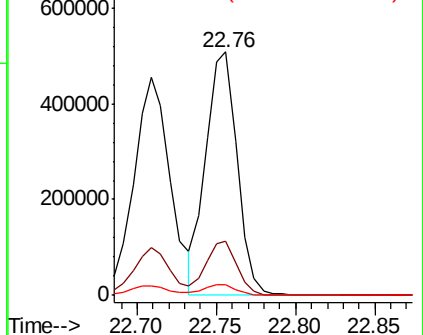
125 4.5 3.7 5.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.829 ng

RT: 23.27 min Scan# 3448

Delta R.T. -0.00 min

Lab File: BM022432.D

Acq: 30 Aug 2019 09:07

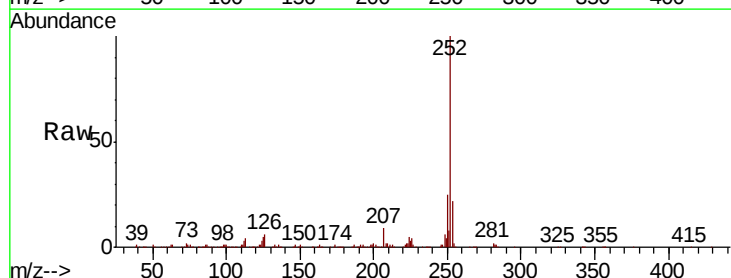
Tgt Ion:252 Resp: 629834

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

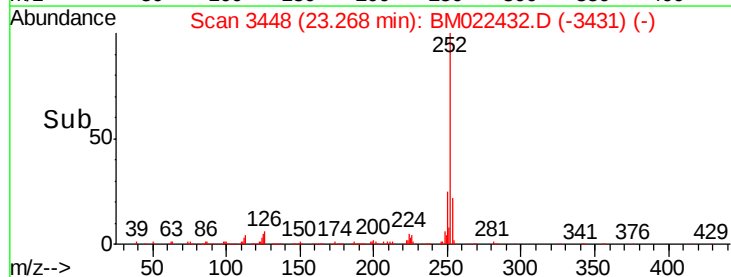
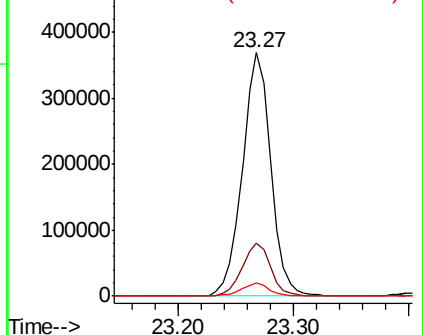
125 5.4 3.8 5.8

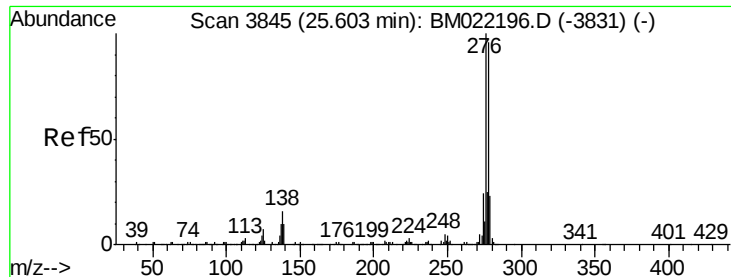


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

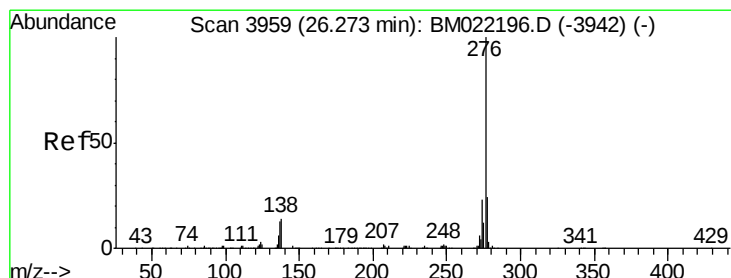
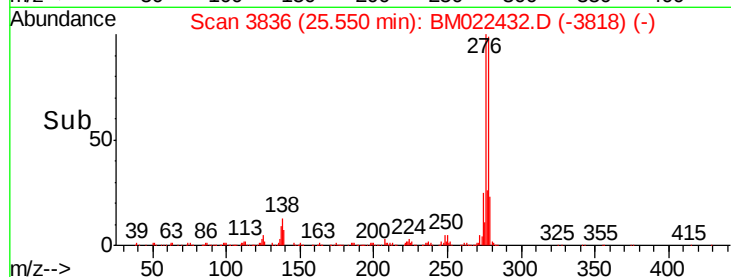
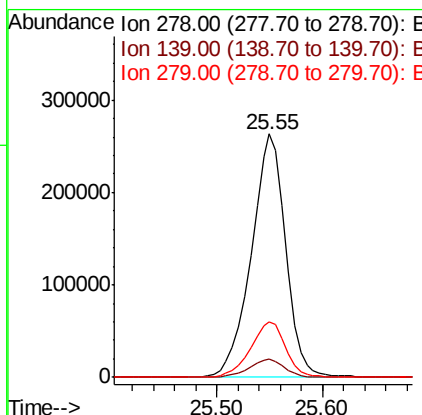
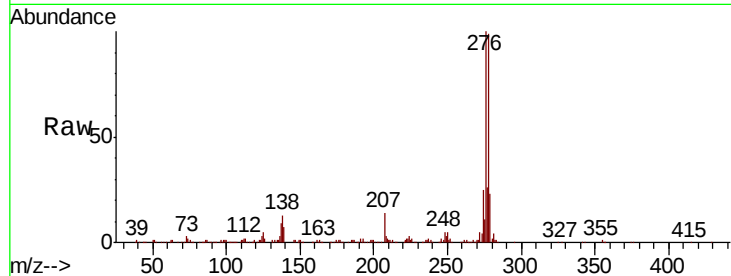




#91
Dibenzo(a,h)anthracene
Concen: 39.626 ng
RT: 25.55 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	6.6	9.8
279	23.0	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 36.833 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.00 min
Lab File: BM022432.D
Acq: 30 Aug 2019 09:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	10.7	8.8	13.2

