

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
 Data File : BM023431.D
 Acq On : 28 Oct 2019 22:10
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 11:49:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	438869	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1739843	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1041103	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2100002	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2139542	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2479067	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	79043	8.55	ng/uL	0.00
5) Phenol-d5	6.81	99	702056	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	423287	19.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	564762	19.60	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	539482	18.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	266959	20.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	293307	20.18	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	556126	19.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	623759	18.99	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1541474	19.50	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	1856898	20.50	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	258389	18.87	ng/ul	0.00
58) Fluorene-d10	15.27	176	1319924	19.71	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	215041	16.45	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2016815	20.32	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2171562	18.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2511331	19.89	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	83568	8.499	ng/uL 97
4) Benzaldehyde	6.77	77	320173	15.087	ng/ul 97
6) Phenol	6.83	94	728546	19.195	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.06	93	580966	19.629	ng/ul 99
10) 2-Chlorophenol	7.19	128	597501	19.793	ng/ul 96
11) 2-Methylphenol	8.07	108	543344	18.722	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	819487	19.390	ng/ul 99
14) Acetophenone	8.45	105	864043	18.474	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.43	70	456045	17.259	ng/ul 97
16) 4-Methylphenol	8.40	108	585450	18.401	ng/ul 96
17) Hexachloroethane	8.70	117	250104	19.907	ng/ul 97
20) Nitrobenzene	8.82	77	657762	20.502	ng/ul 98
21) Isophorone	9.35	82	1219729	18.976	ng/ul 100
23) 2-Nitrophenol	9.53	139	317743	20.014	ng/ul 99
24) 2,4-Dimethylphenol	9.60	107	644124	19.647	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.83	93	762058	19.278	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	549772	19.516	ng/ul 99
28) Naphthalene	10.45	128	1815848	20.363	ng/ul 100
30) 4-Chloroaniline	10.56	127	643988	18.912	ng/ul 97
31) Hexachlorobutadiene	10.75	225	373208	20.298	ng/ul 98
32) Caprolactam	11.35	113	162791	18.824	ng/ul 93
33) 4-Chloro-3-methylphenol	11.70	107	561821	18.088	ng/ul 98
34) 2-Methylnaphthalene	12.07	142	1303453	19.135	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1249722	19.012	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	690190	20.992	ng/ul	96
38) Hexachlorocyclopentadiene	12.44	237	378874	17.372	ng/ul	100
39) 2,4,6-Trichlorophenol	12.70	196	433026	20.214	ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	454876	19.792	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1668288	20.665	ng/ul	100
42) 2-Chloronaphthalene	13.14	162	1290647	20.979	ng/ul	99
43) 2-Nitroaniline	13.35	65	343873	20.004	ng/ul	98
45) Dimethylphthalate	13.74	163	1548722	19.510	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	304147	19.341	ng/ul	98
48) Acenaphthylene	13.99	152	1934116	20.602	ng/ul	100
49) 3-Nitroaniline	14.17	138	254362	17.901	ng/ul	99
50) Acenaphthene	14.34	153	1332641	20.179	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	157235	16.587	ng/ul	99
53) 4-Nitrophenol	14.50	109	205473	18.843	ng/ul	90
54) Dibenzofuran	14.67	168	1908548	20.180	ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	442296	19.402	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	397551	18.964	ng/ul	99
57) Diethylphthalate	15.12	149	1553824	19.405	ng/ul	99
59) Fluorene	15.33	166	1530026	19.841	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	793649	19.471	ng/ul	99
61) 4-Nitroaniline	15.34	138	284293	17.925	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	246437	17.166	ng/ul#	96
65) N-Nitrosodiphenylamine	15.54	169	1336239	20.172	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	524543	19.564	ng/ul	99
67) Hexachlorobenzene	16.33	284	608891	19.843	ng/ul	98
68) Atrazine	16.50	200	471937	19.494	ng/ul	99
69) Pentachlorophenol	16.68	266	325075	17.836	ng/ul	100
70) Phenanthrene	17.06	178	2393041	20.391	ng/ul	99
72) Anthracene	17.15	178	2454612	20.643	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	672354	21.370	ng/uL	99
74) Pentachlorobenzene	14.60	250	685045	20.320	ng/uL	99
75) Carbazole	17.42	167	2167994	21.628	ng/ul	100
76) Di-n-butylphthalate	18.00	149	2618974	20.816	ng/ul	100
77) Fluoranthene	19.09	202	2775958	22.677	ng/ul	99
80) Pvrene	19.45	202	2843432	18.820	ng/ul	99
81) Butylbenzylphthalate	20.37	149	1193125	19.289	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	918118	17.942	ng/ul	99
83) Benzo(a)anthracene	21.20	228	2896023	20.239	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1764532	20.348	ng/ul	99
85) Chrysene	21.25	228	2687713	20.357	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	2998276	20.563	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3079445	19.341	ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	2877504	19.246	ng/ul	100
91) Benzo(a)pyrene	23.32	252	2887574	20.032	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	3564379	22.837	ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	3005320	22.836	ng/ul	99
94) Benzo(a,h,i)perylene	26.29	276	2958149	23.296	ng/ul	100

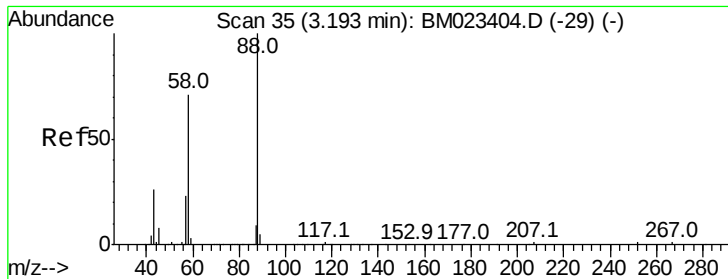
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 8.499 ng/uL

RT: 3.19 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

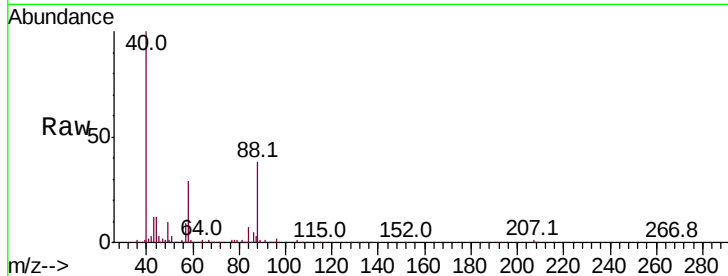
Tot Ion: 88 Resp: 83568

Ion Ratio Lower Upper

88 100

43 32.5 26.3 39.5

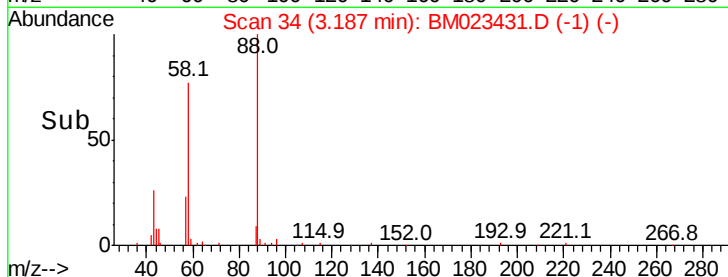
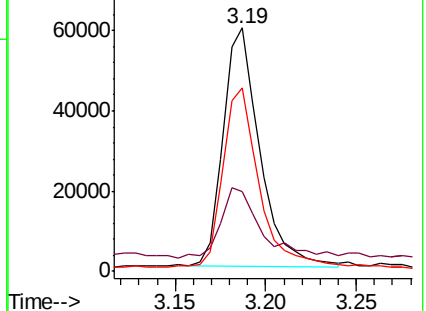
58 75.6 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): BM023404.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM023404.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM023404.D (-29) (-)



#4

Benzaldehyde

Concen: 15.087 ng/uL

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

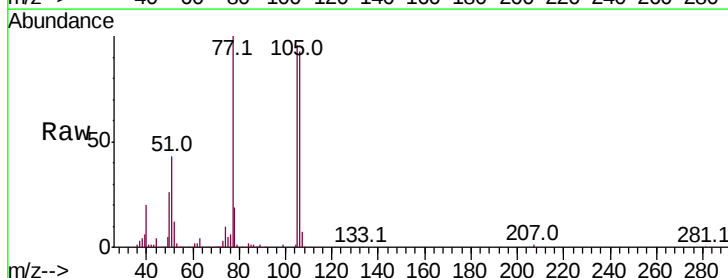
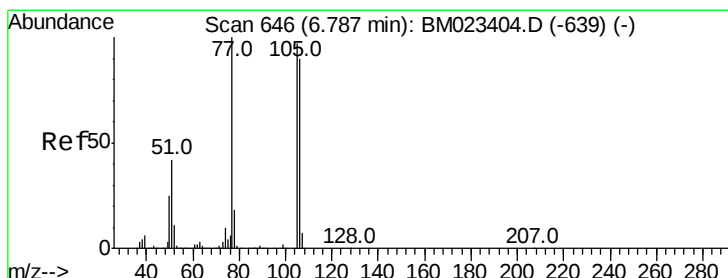
Tgt Ion: 77 Resp: 320173

Ion Ratio Lower Upper

77 100

105 95.7 75.4 113.2

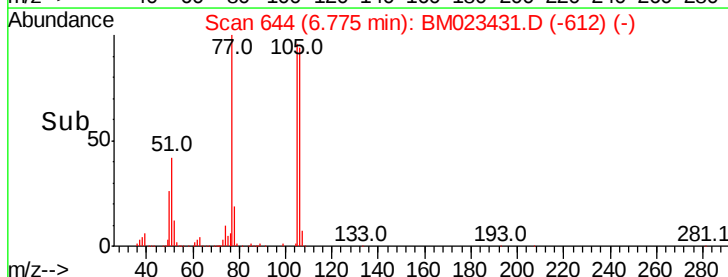
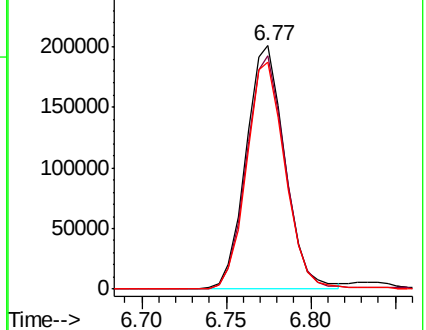
106 93.5 71.3 106.9

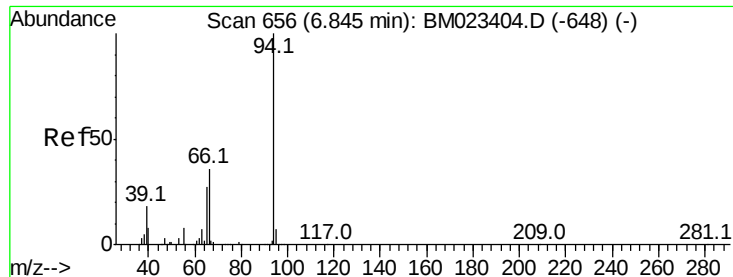


Abundance Ion 77.00 (76.70 to 77.70): BM023404.D (-639) (-)

Ion 105.00 (104.70 to 105.70): BM023404.D (-639) (-)

Ion 106.00 (105.70 to 106.70): BM023404.D (-639) (-)





#6

Phenol

Concen: 19.195 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

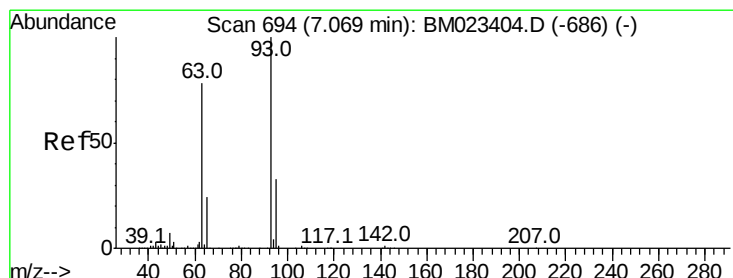
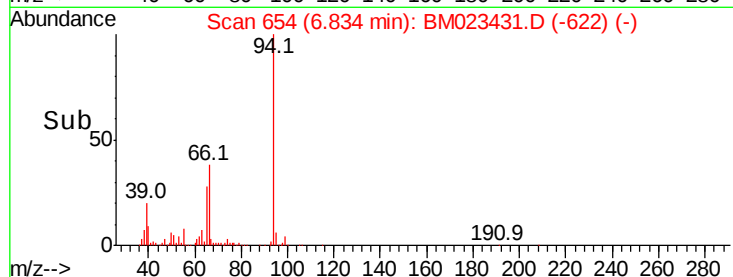
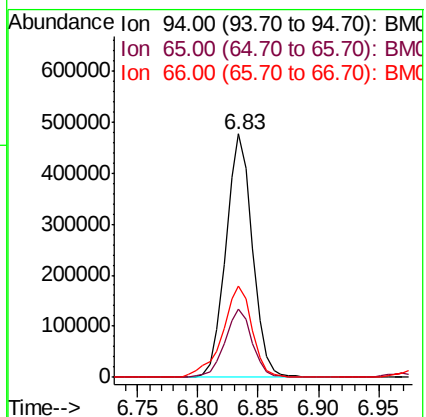
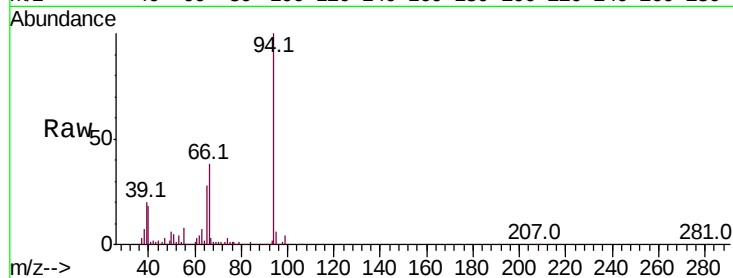
Tot Ion: 94 Resp: 728546

Ion Ratio Lower Upper

94 100

65 27.9 22.9 34.3

66 37.7 31.4 47.2



#8

Bis(2-Chloroethyl)ether

Concen: 19.629 ng/ul

RT: 7.06 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

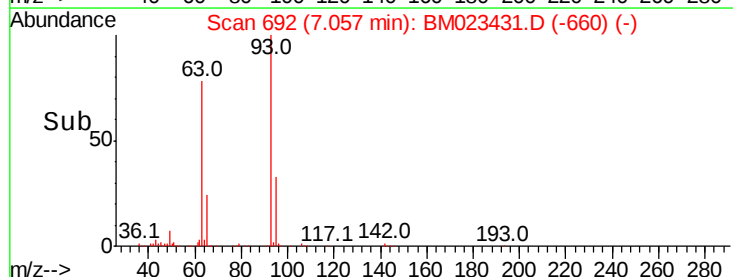
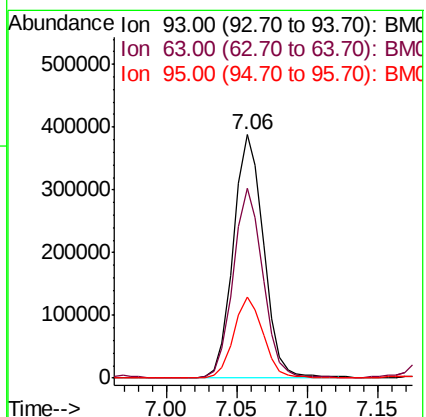
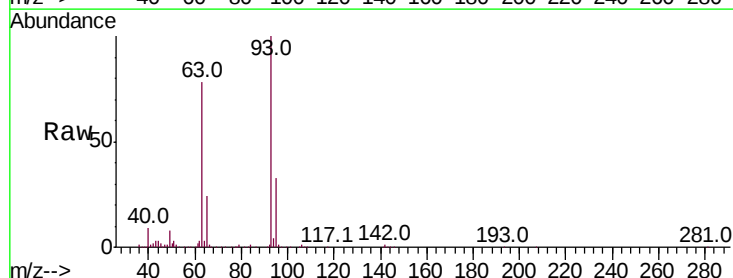
Tgt Ion: 93 Resp: 580966

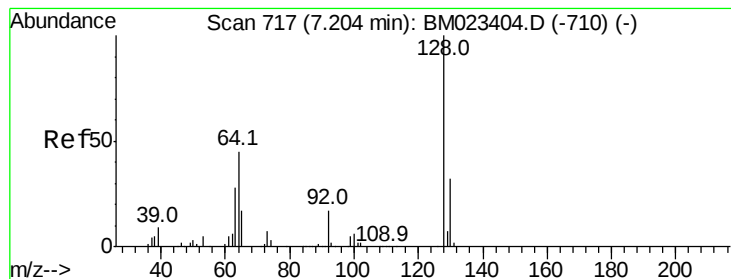
Ion Ratio Lower Upper

93 100

63 77.9 61.4 92.0

95 33.5 26.1 39.1





#10

2-Chlorophenol

Concen: 19.793 ng/ul

RT: 7.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

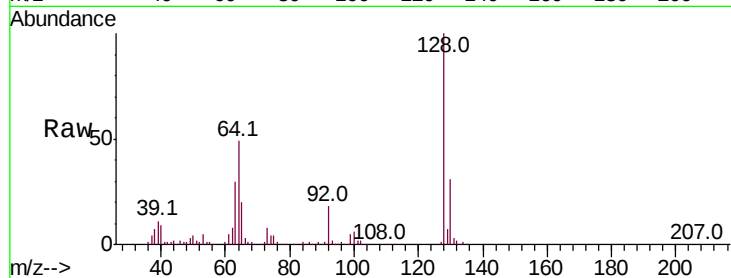
Tot Ion:128 Resp: 597501

Ion Ratio Lower Upper

128 100

64 49.4 37.3 55.9

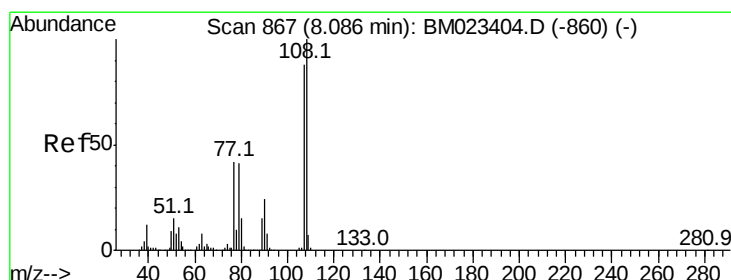
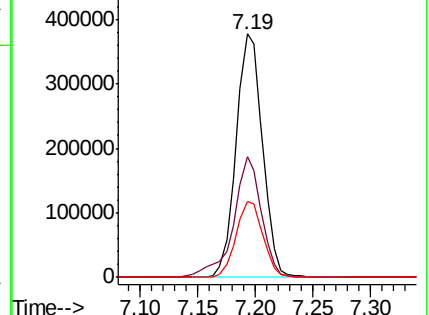
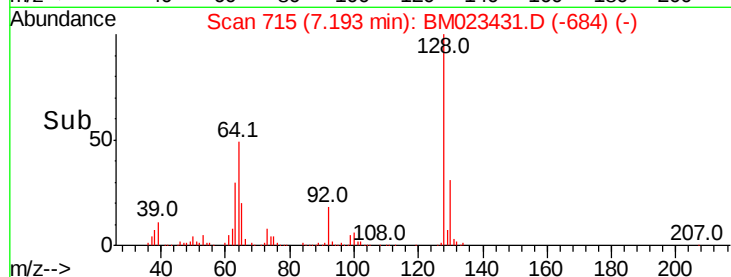
130 31.2 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.722 ng/ul

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM023431.D

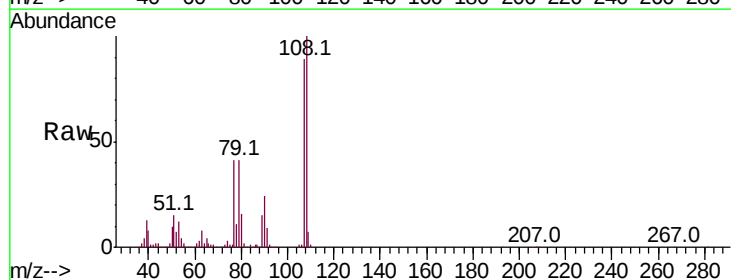
Acq: 28 Oct 2019 22:10

Tgt Ion:108 Resp: 543344

Ion Ratio Lower Upper

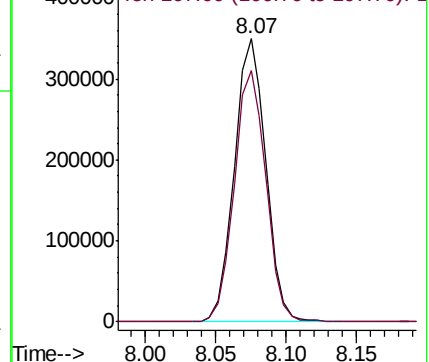
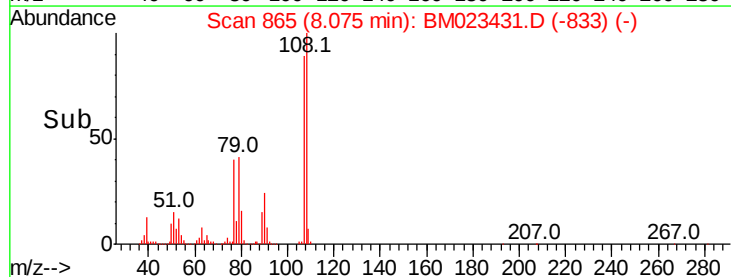
108 100

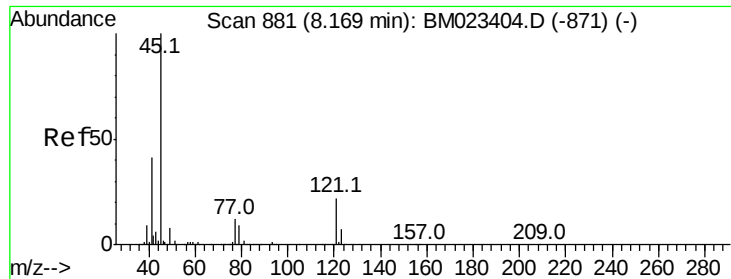
107 88.8 70.6 106.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

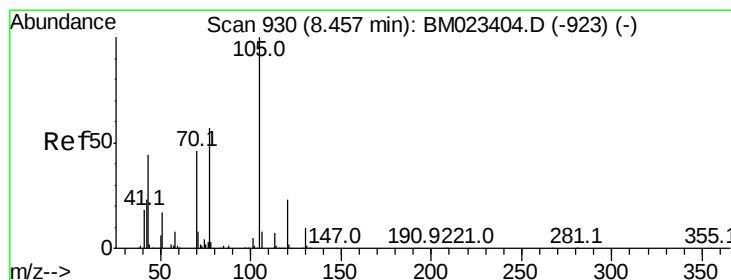
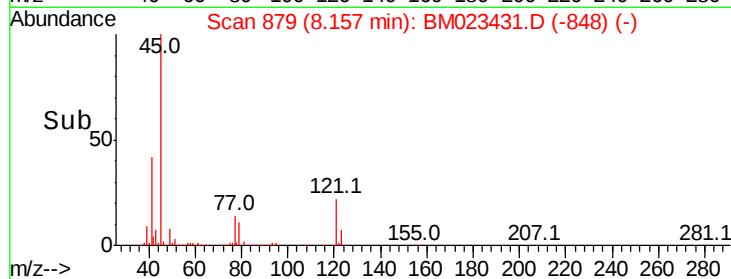
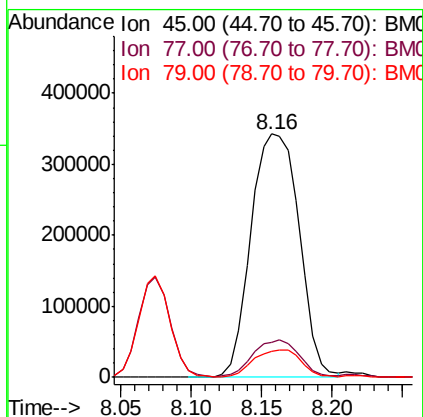
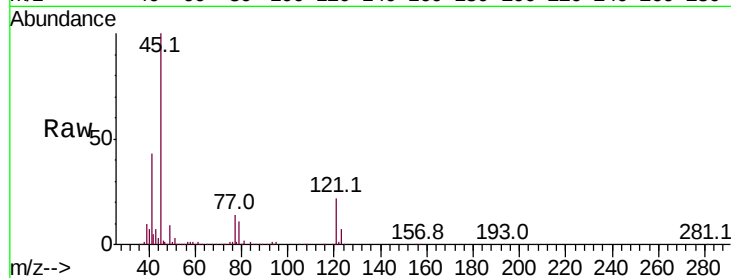




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.390 ng/ul
RT: 8.16 min Scan# 879
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

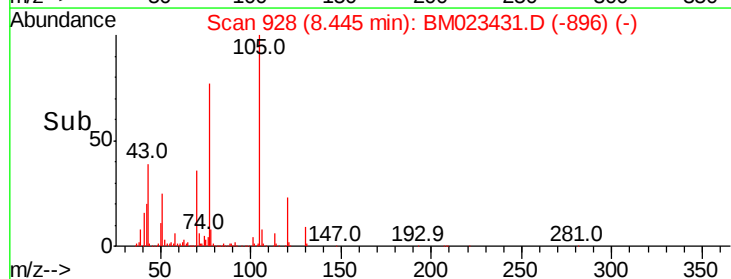
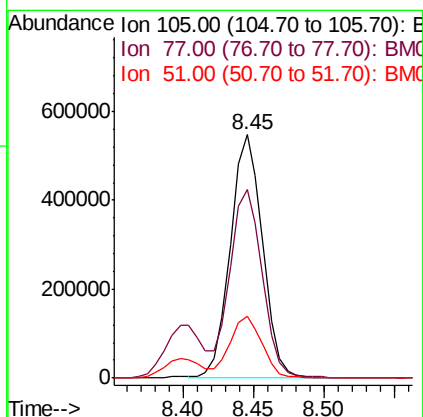
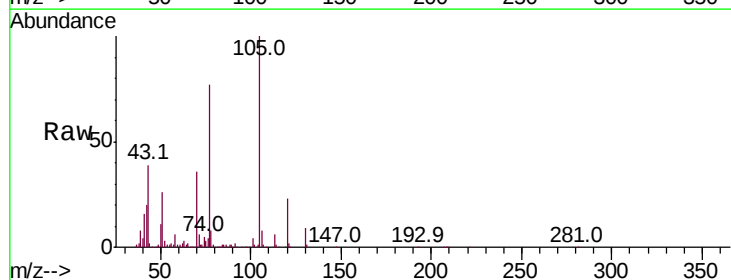
Instrument :
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ClientSampleId :

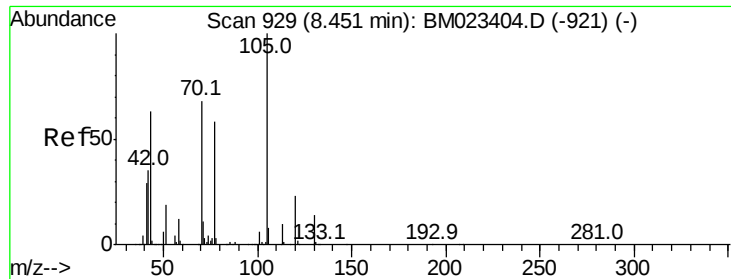
Tot Ion	Ratio	Lower	Upper
45	100		
77	14.4	11.4	17.2
79	10.9	9.0	13.6



#14
Acetophenone
Concen: 18.474 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.5	64.8	97.2
51	25.5	21.3	31.9

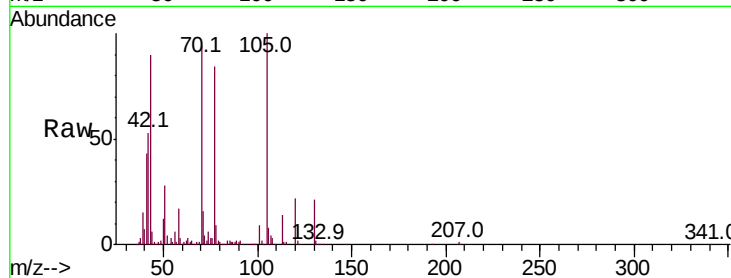




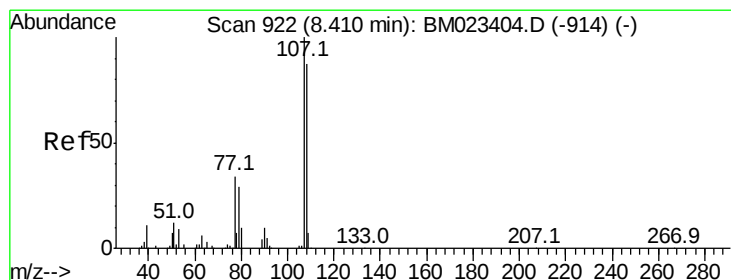
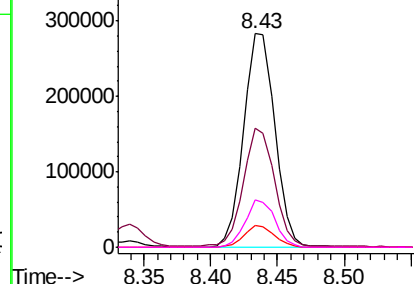
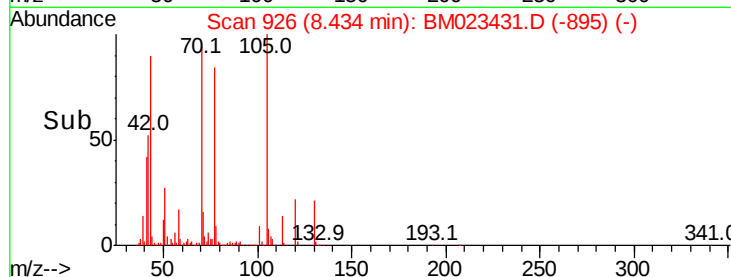
#15
N-Nitroso-di-n-propylamine
Concen: 17.259 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 456045
Ion Ratio Lower Upper
70 100
42 56.0 42.8 64.2
101 10.0 7.8 11.8
130 22.0 16.6 25.0

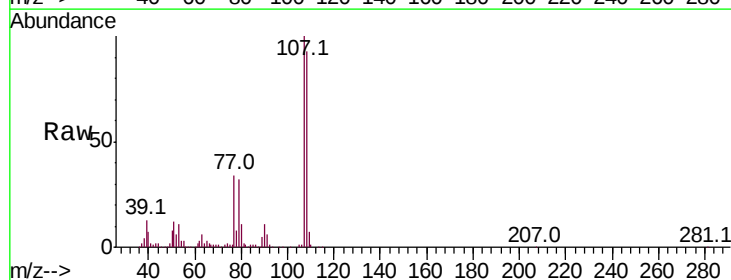


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

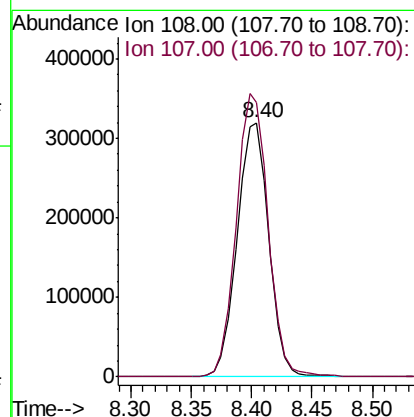
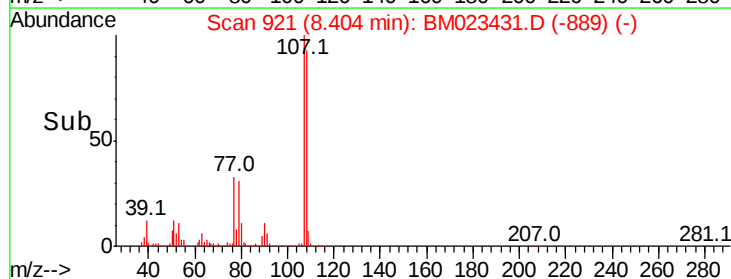


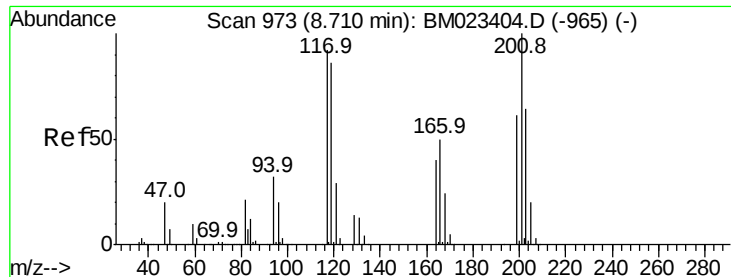
#16
4-Methylphenol
Concen: 18.401 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion:108 Resp: 585450
Ion Ratio Lower Upper
108 100
107 107.8 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

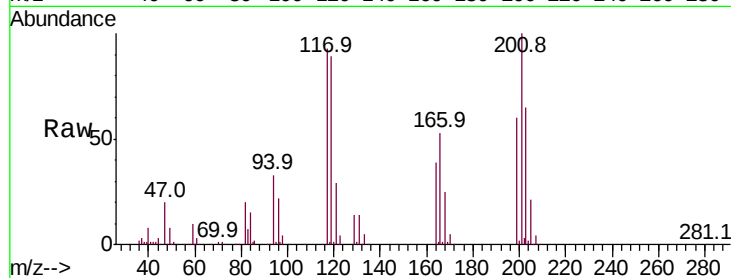




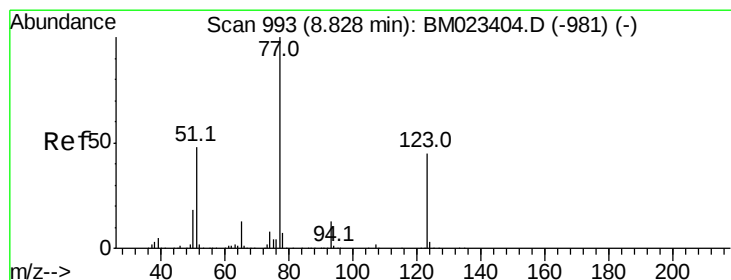
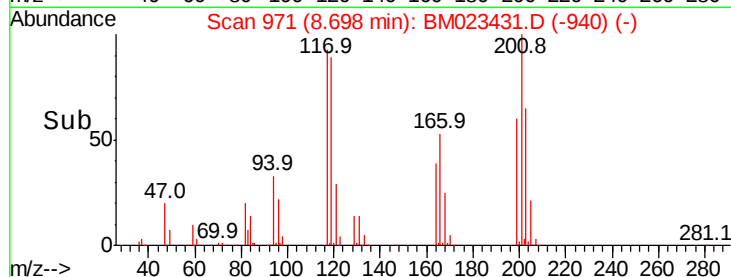
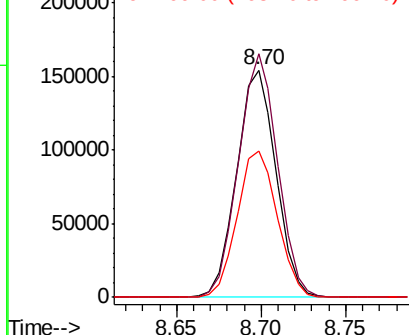
#17
Hexachloroethane
Concen: 19.907 ng/ul
RT: 8.70 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 250104
Ion Ratio Lower Upper
117 100
201 107.1 83.5 125.3
199 64.2 53.6 80.4

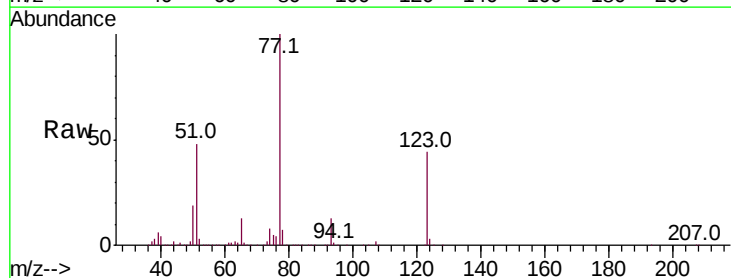


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

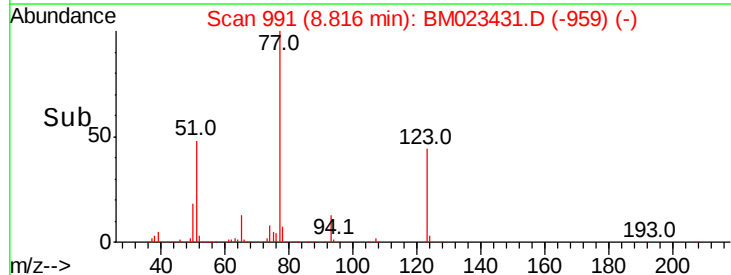
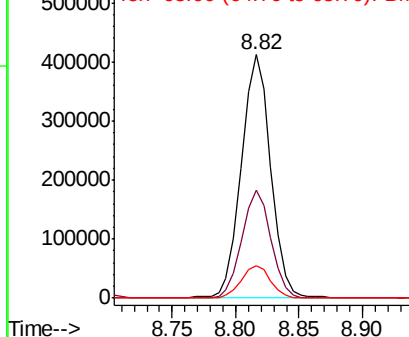


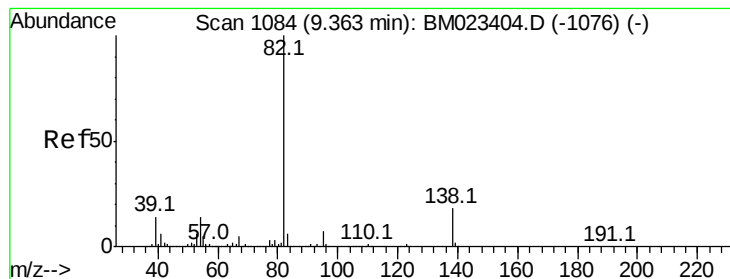
#20
Nitrobenzene
Concen: 20.502 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion: 77 Resp: 657762
Ion Ratio Lower Upper
77 100
123 44.3 34.8 52.2
65 13.1 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.976 ng/ul

RT: 9.35 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

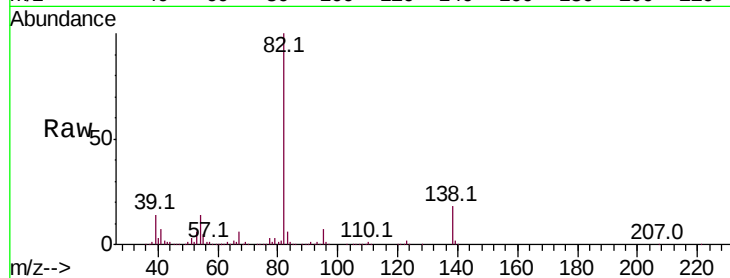
Tot Ion: 82 Resp: 1219729

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 17.8 14.2 21.4

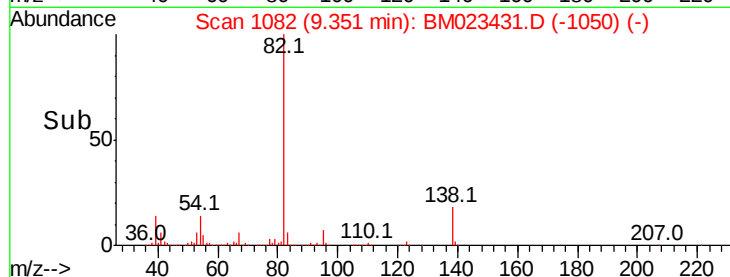


Abundance Ion 82.00 (81.70 to 82.70): BM023404.D (-1076) (-)

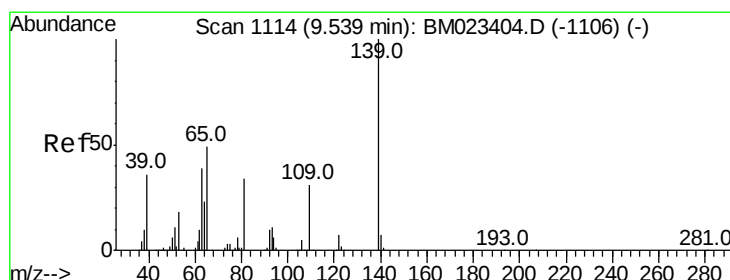
Ion 95.00 (94.70 to 95.70): BM023404.D (-1076) (-)

Ion 138.00 (137.70 to 138.70): BM023404.D (-1076) (-)

Time-->



Time-->



#23

2-Nitrophenol

Concen: 20.014 ng/ul

RT: 9.53 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

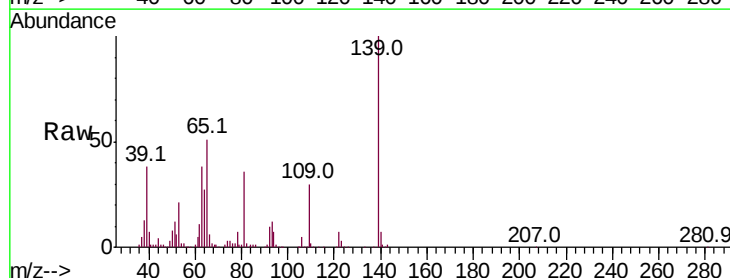
Tgt Ion: 139 Resp: 317743

Ion Ratio Lower Upper

139 100

65 50.5 40.8 61.2

109 30.5 25.6 38.4

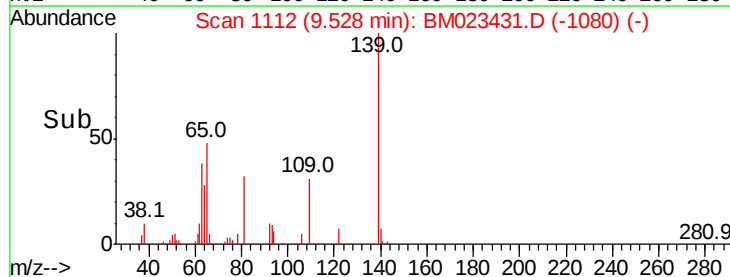


Abundance Ion 139.00 (138.70 to 139.70): BM023404.D (-1106) (-)

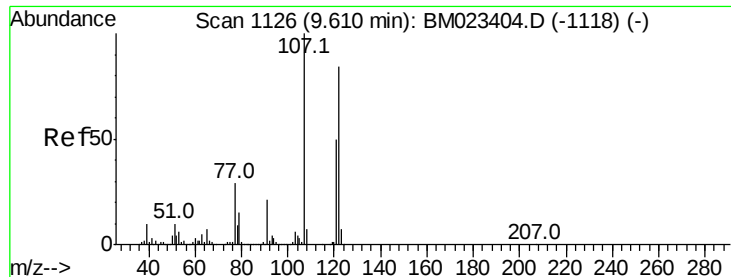
Ion 65.00 (64.70 to 65.70): BM023404.D (-1106) (-)

Ion 109.00 (108.70 to 109.70): BM023404.D (-1106) (-)

Time-->



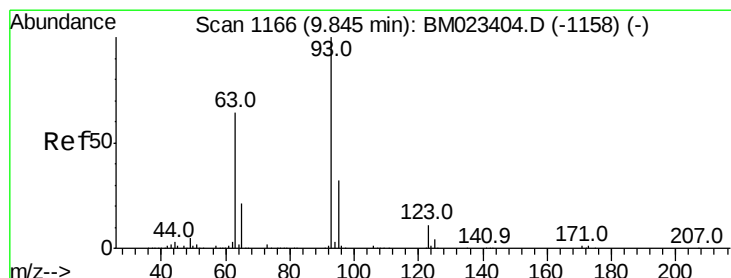
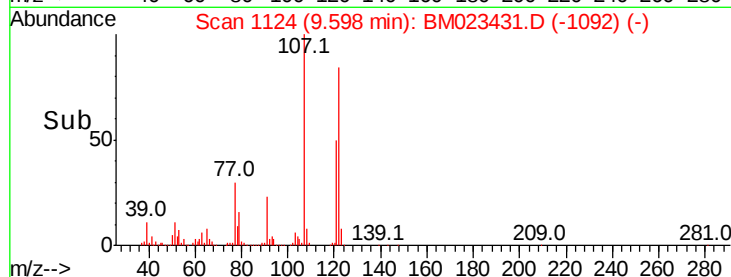
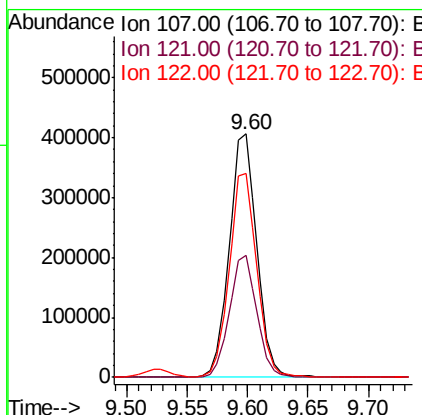
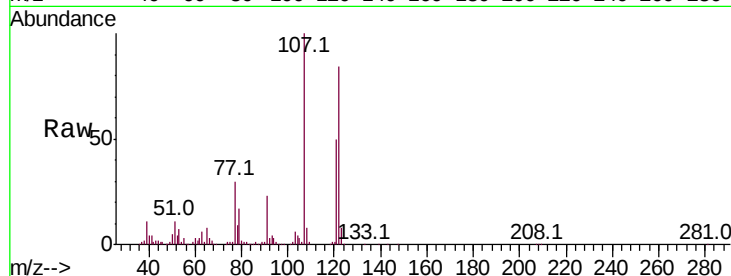
Time-->



#24
 2,4-Dimethylphenol
 Concen: 19.647 ng/ul
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

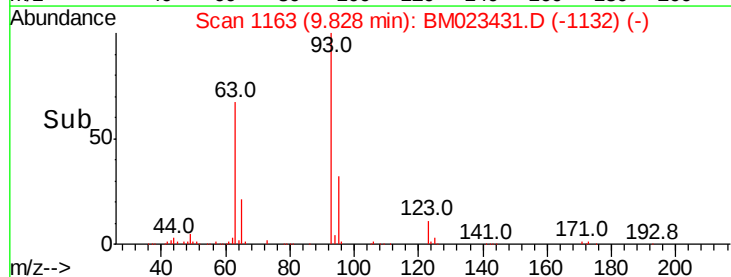
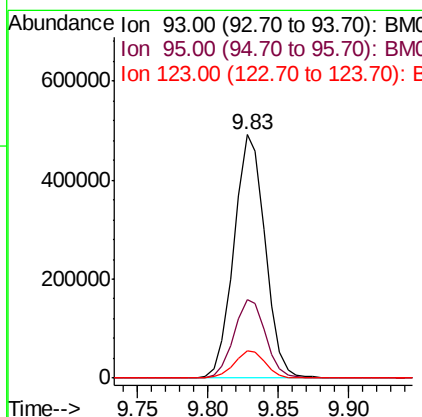
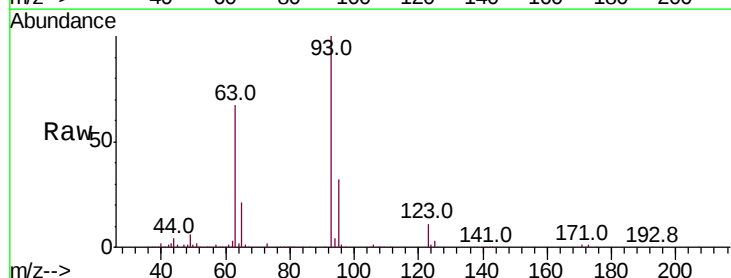
Instrument :
 BNA_M
 ClientSampleId :

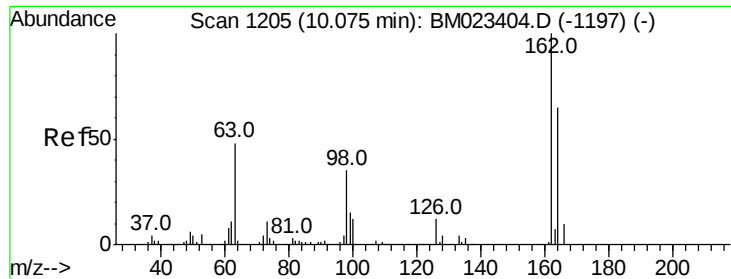
Tot Ion	Ratio	Lower	Upper
107	100		
121	49.9	39.8	59.8
122	83.7	66.4	99.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.278 ng/ul
 RT: 9.83 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.1	37.7
123	11.0	8.6	12.8

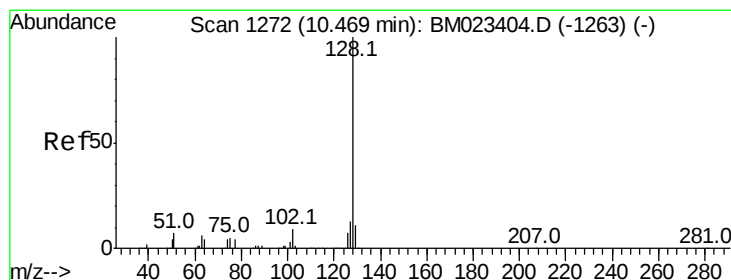
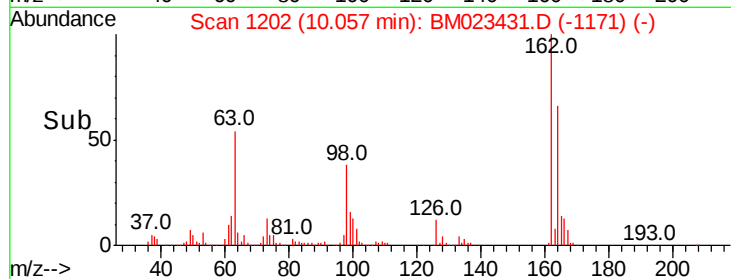
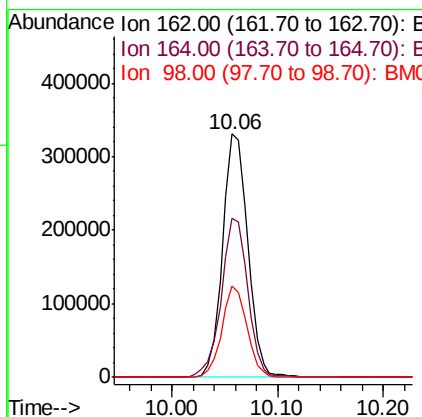
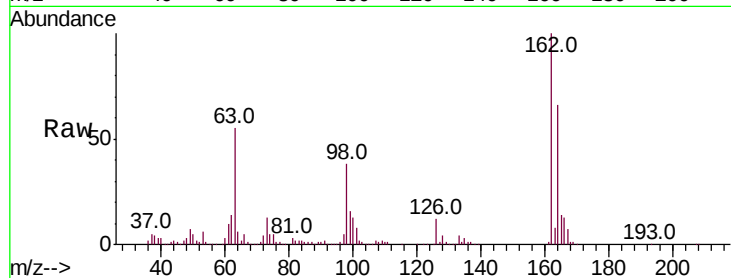




#27
 2,4-Dichlorophenol
 Concen: 19.516 ng/ul
 RT: 10.06 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

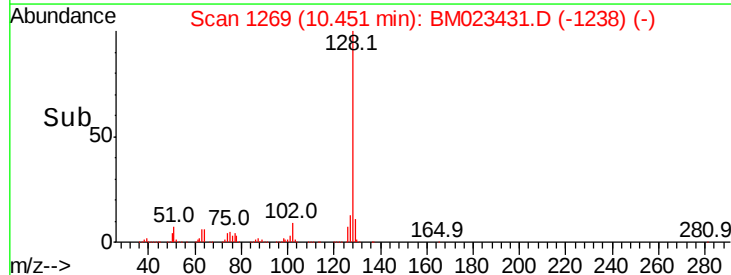
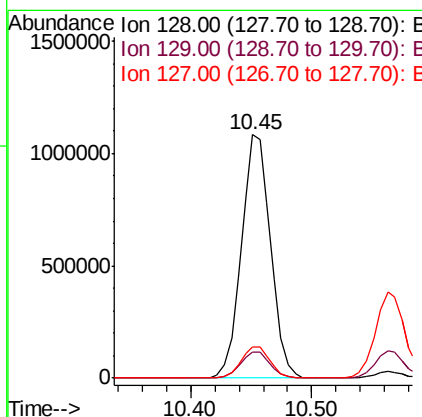
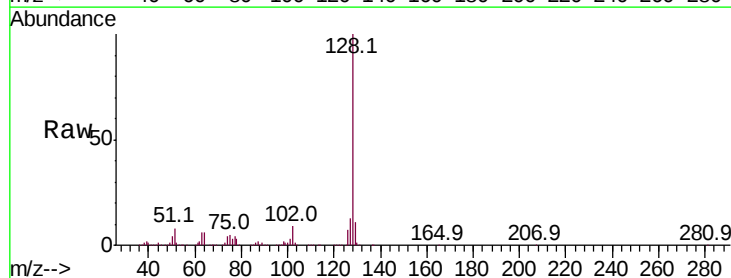
Instrument :
 BNA_M
 ClientSampleId :

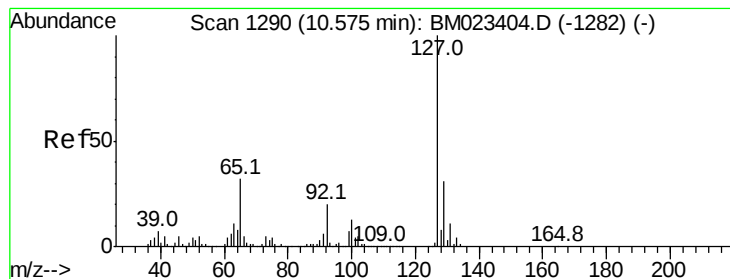
Tot Ion:162 Resp: 549772
 Ion Ratio Lower Upper
 162 100
 164 65.6 52.7 79.1
 98 37.7 29.2 43.8



#28
 Naphthalene
 Concen: 20.363 ng/ul
 RT: 10.45 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion:128 Resp: 1815848
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 12.9 10.4 15.6





#30

4-Chloroaniline

Concen: 18.912 ng/ul

RT: 10.56 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

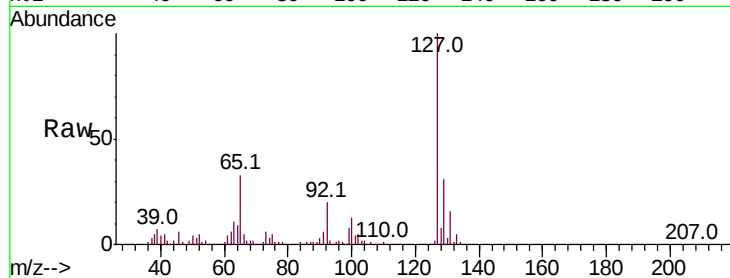
ClientSampled :

Tot Ion:127 Resp: 643988

Ion Ratio Lower Upper

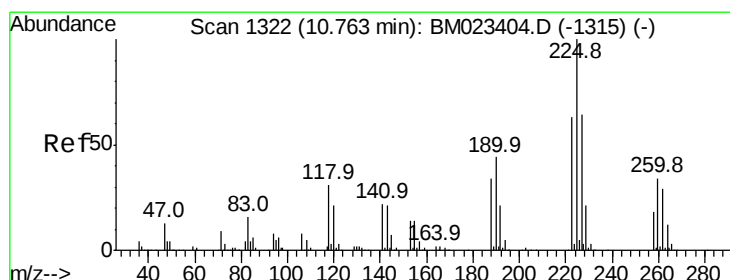
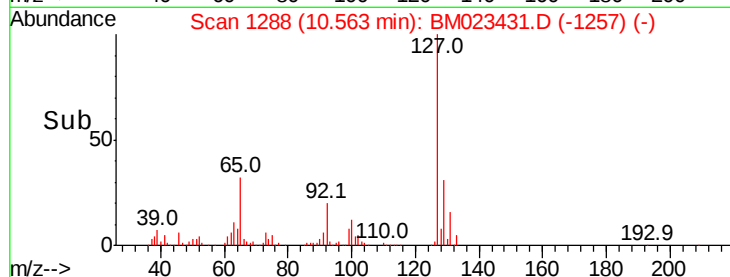
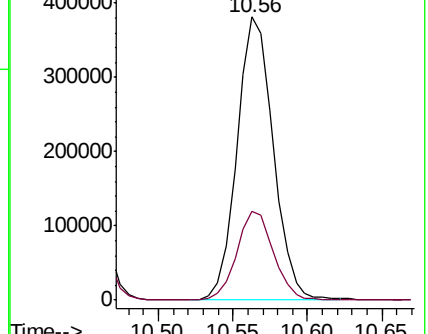
127 100

129 31.4 26.4 39.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 20.298 ng/ul

RT: 10.75 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

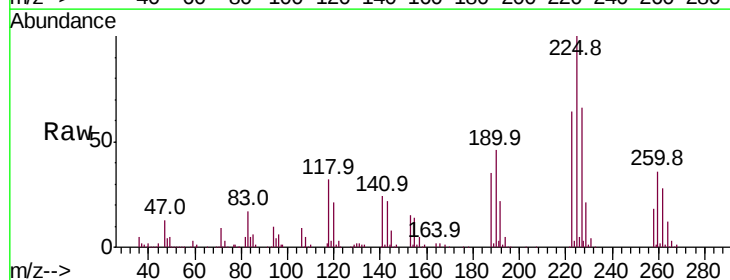
Tgt Ion:225 Resp: 373208

Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.2

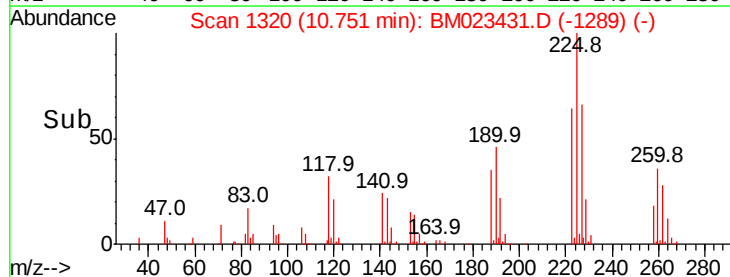
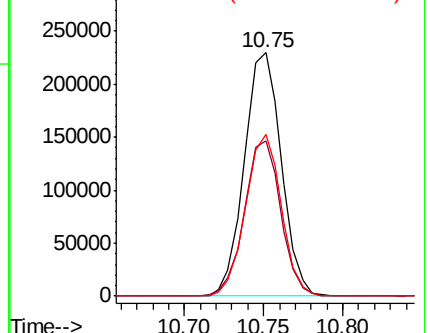
227 66.3 51.0 76.6

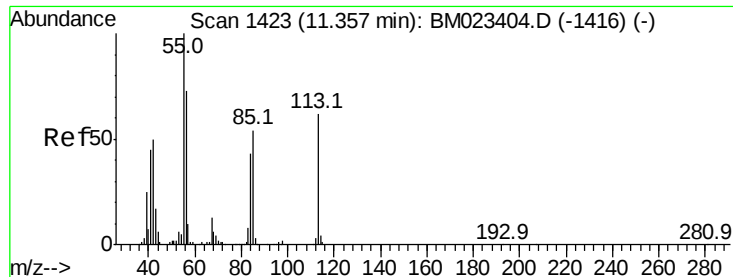


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 18.824 ng/ul

RT: 11.35 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampled :

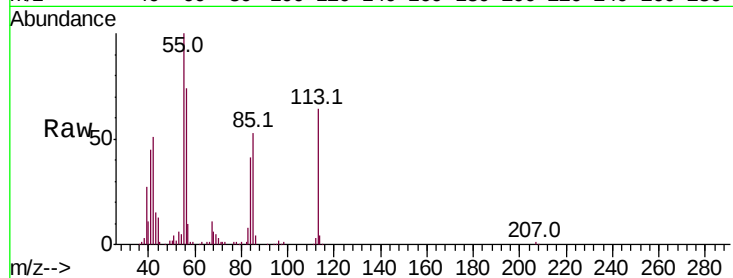
Tot Ion:113 Resp: 162791

Ion Ratio Lower Upper

113 100

55 157.2 132.8 199.2

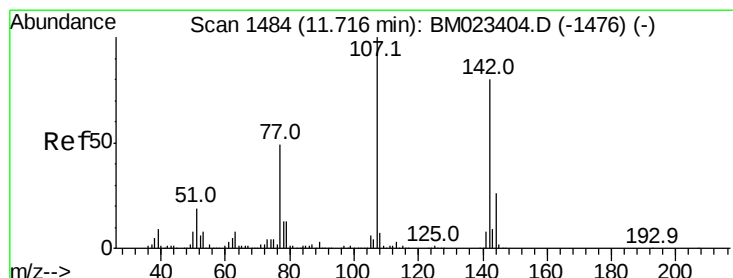
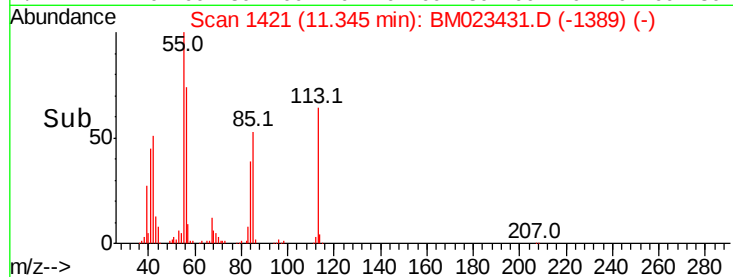
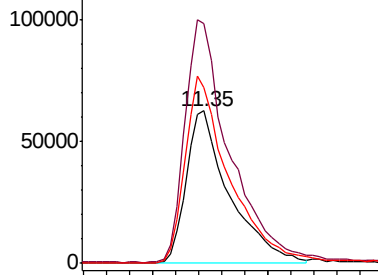
56 115.7 100.6 150.8



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



#33

4-Chloro-3-methylphenol

Concen: 18.088 ng/ul

RT: 11.70 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

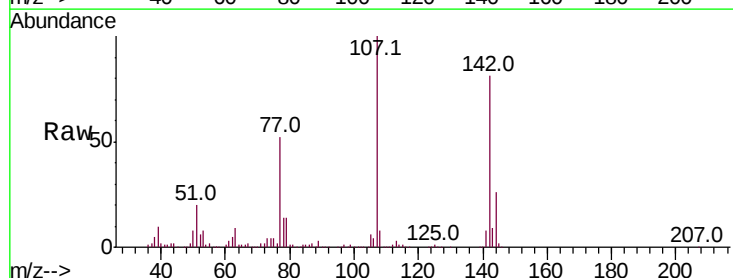
Tgt Ion:107 Resp: 561821

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

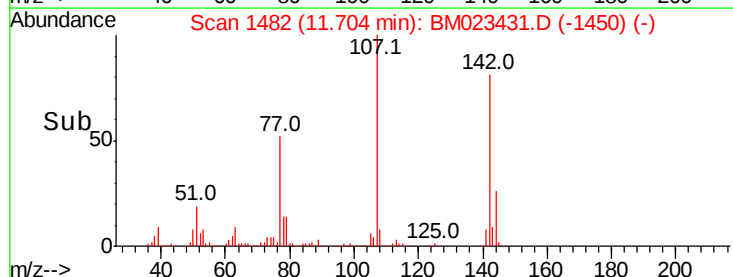
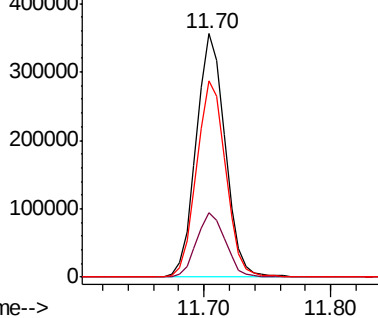
142 80.8 63.1 94.7

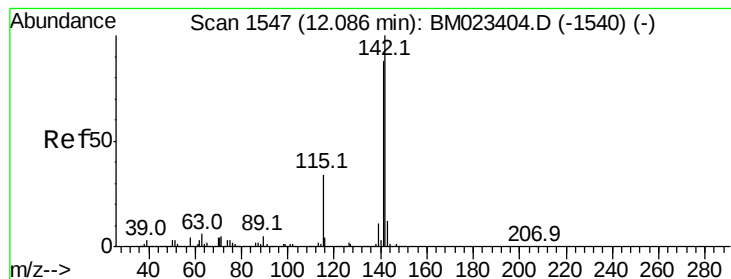


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.135 ng/ul

RT: 12.07 min Scan# 1545

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

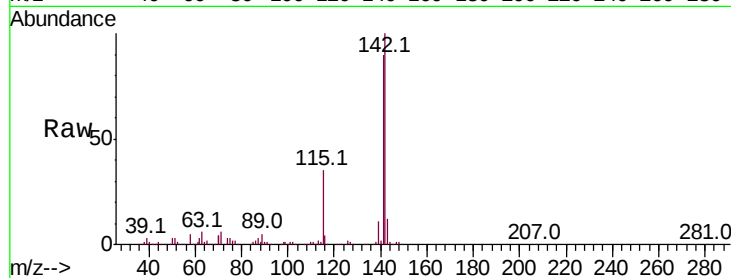
ClientSampleId :

Tot Ion:142 Resp: 1303453

Ion Ratio Lower Upper

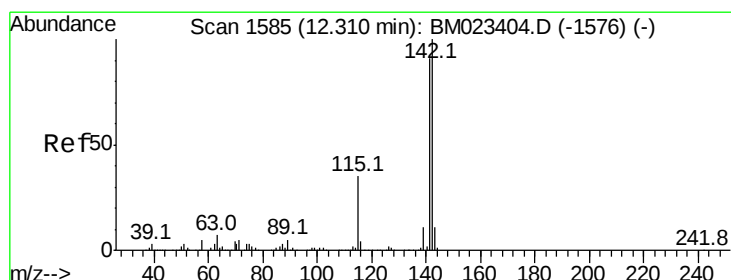
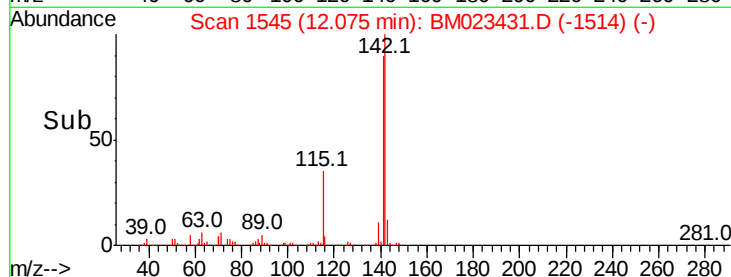
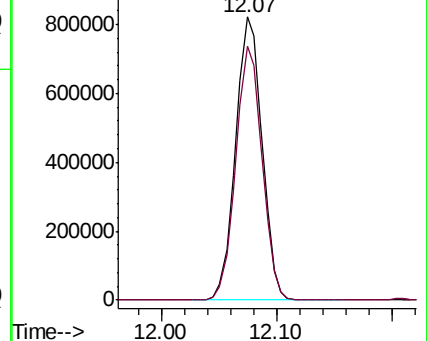
142 100

141 89.7 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 19.012 ng/ul

RT: 12.30 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

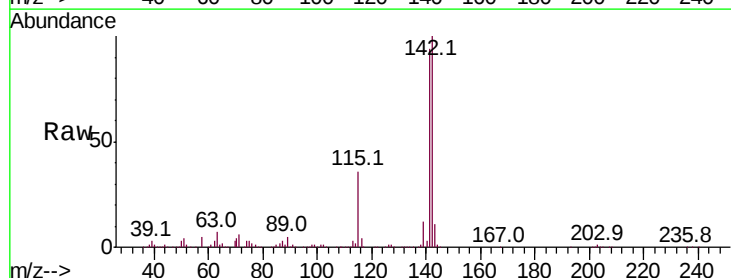
Tgt Ion:142 Resp: 1249722

Ion Ratio Lower Upper

142 100

141 93.8 73.6 110.4

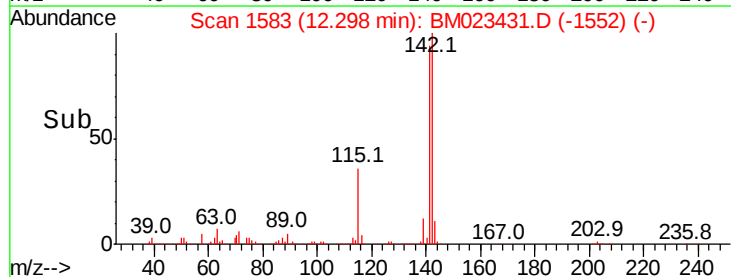
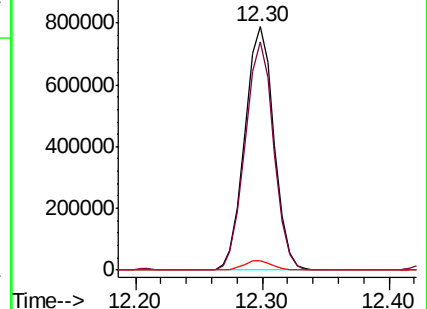
116 3.7 3.3 4.9

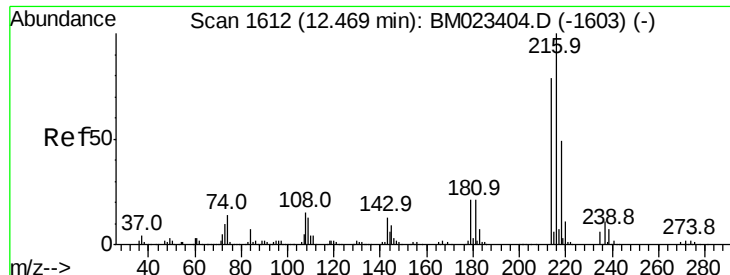


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

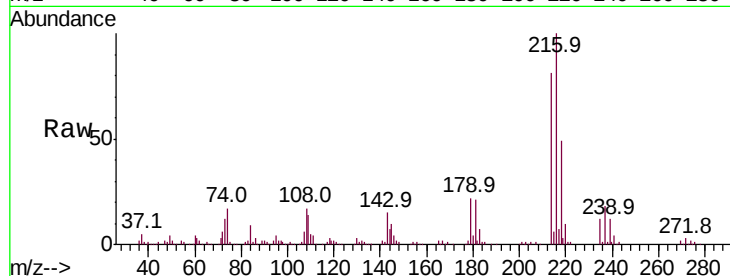




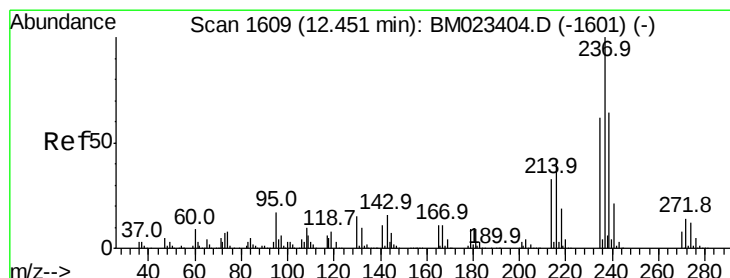
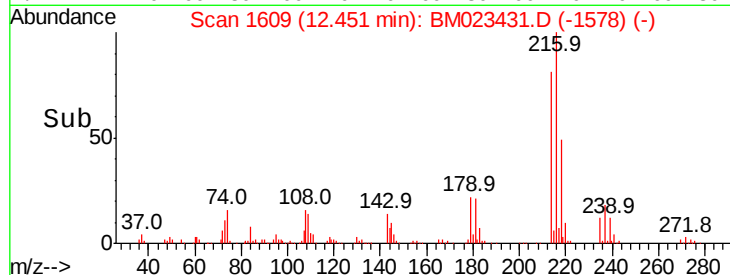
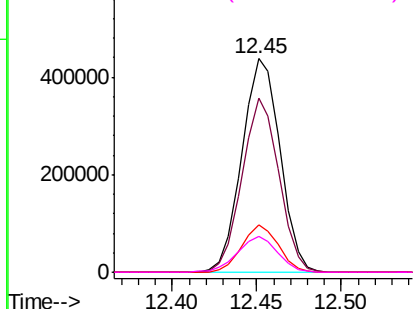
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.992 ng/ul
 RT: 12.45 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	690190
Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.3	93.5
179	22.0	16.5	24.7
108	16.6	12.2	18.2

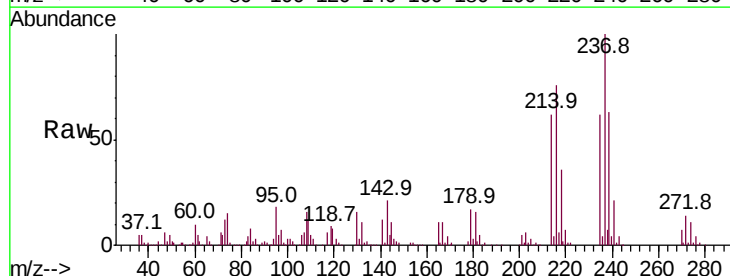


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

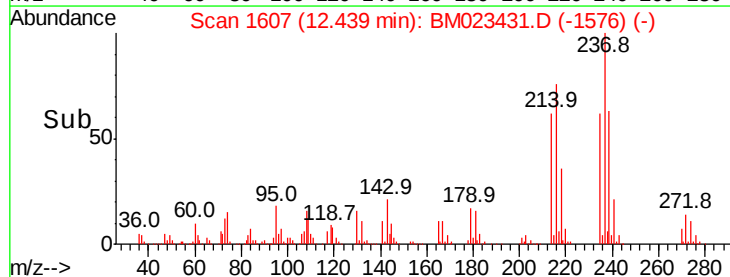
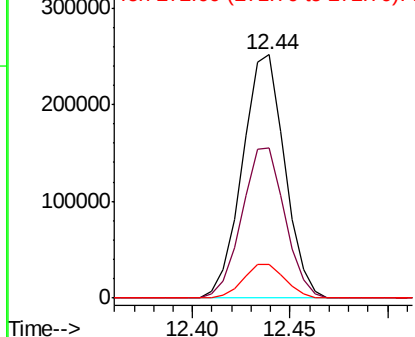


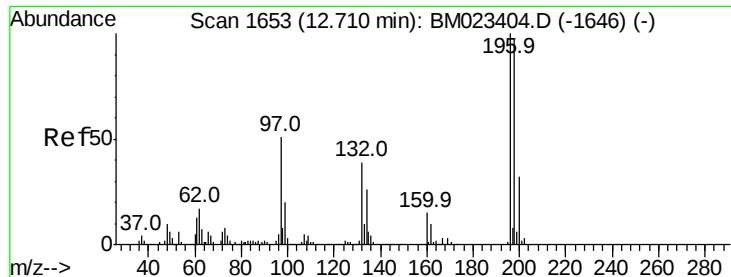
#38
 Hexachlorocyclopentadiene
 Concen: 17.372 ng/ul
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion:	237	Resp:	378874
Ion	Ratio	Lower	Upper
237	100		
235	61.8	49.4	74.2
272	13.6	10.9	16.3



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

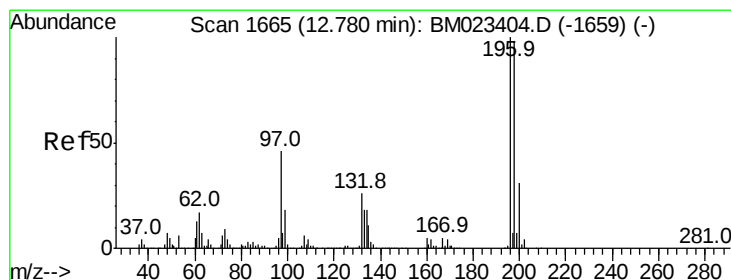
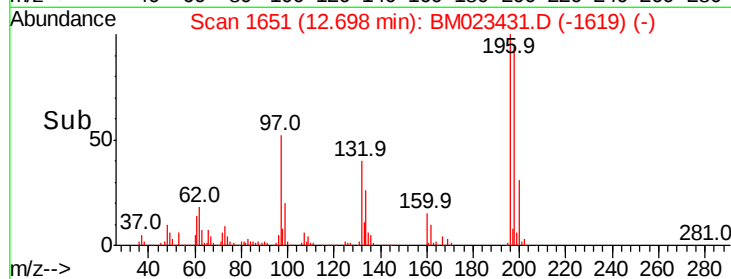
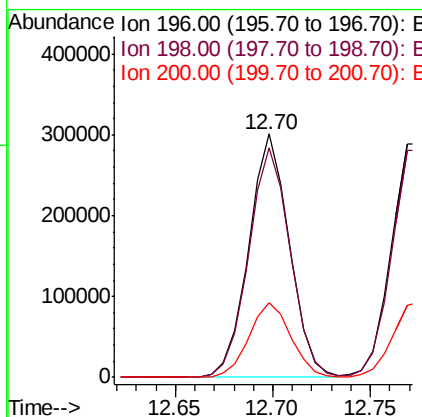
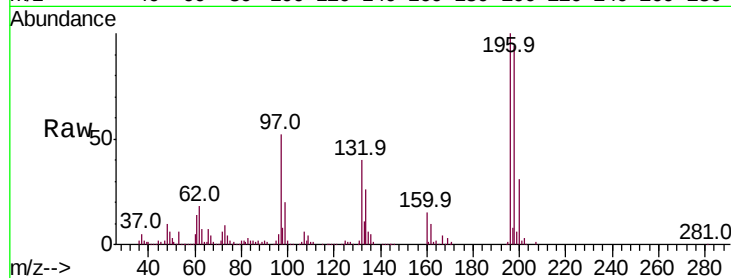




#39
 2,4,6-Trichlorophenol
 Concen: 20.214 ng/ul
 RT: 12.70 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

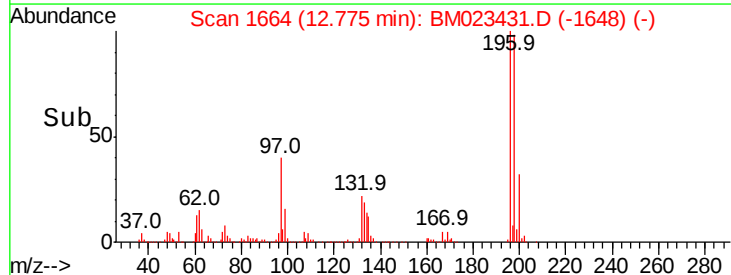
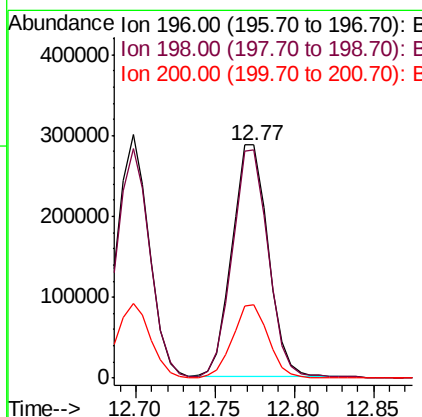
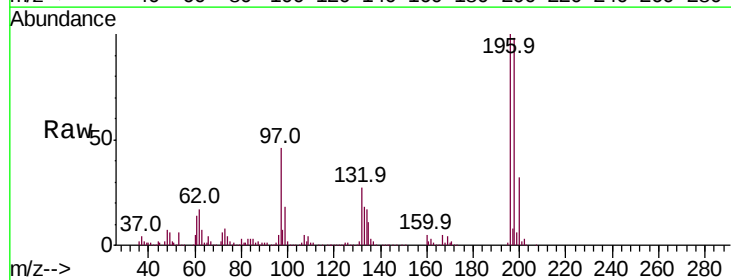
Instrument :
 BNA_M
 ClientSampleId :

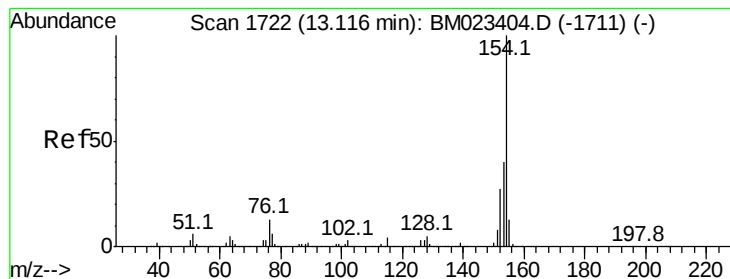
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.5	116.3
200	30.8	24.4	36.6



#40
 2,4,5-Trichlorophenol
 Concen: 19.792 ng/ul
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	79.0	118.4
200	31.7	24.4	36.6





#41

1,1'-Biphenyl

Concen: 20.665 ng/ul

RT: 13.10 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampled :

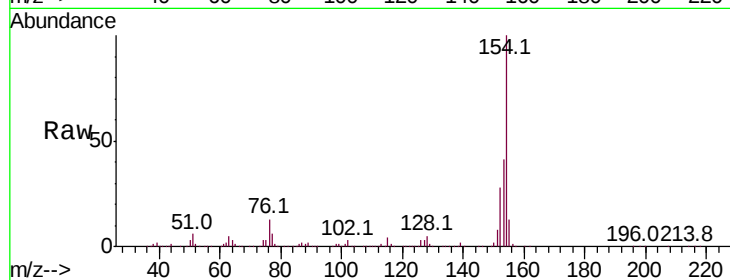
Tot Ion:154 Resp: 1668288

Ion Ratio Lower Upper

154 100

153 41.0 32.6 49.0

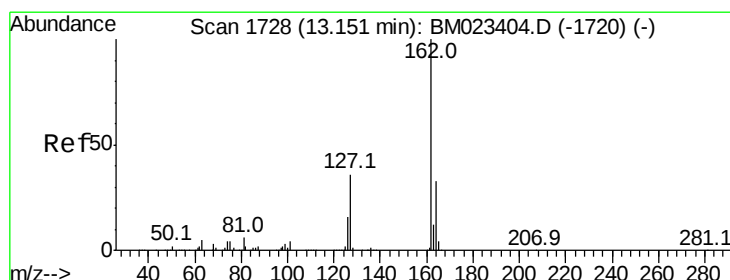
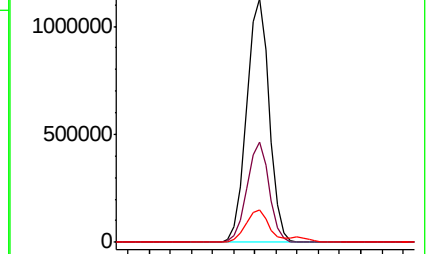
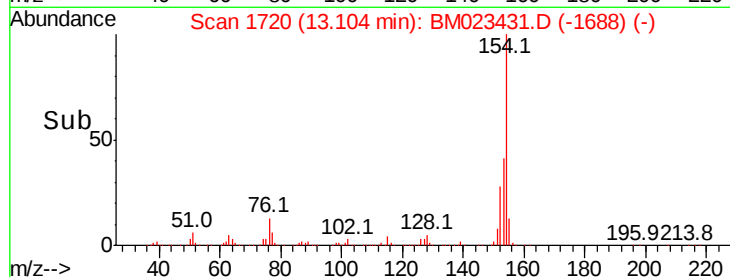
76 13.2 10.2 15.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 20.979 ng/ul

RT: 13.14 min Scan# 1726

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

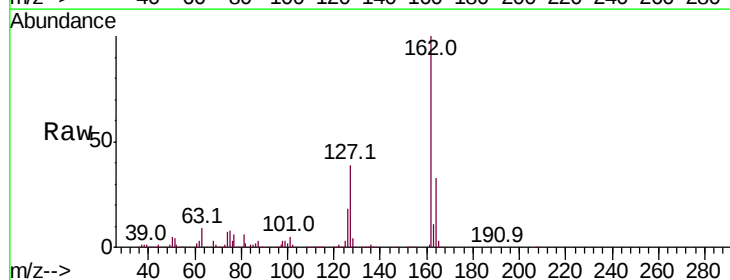
Tgt Ion:162 Resp: 1290647

Ion Ratio Lower Upper

162 100

164 33.2 26.7 40.1

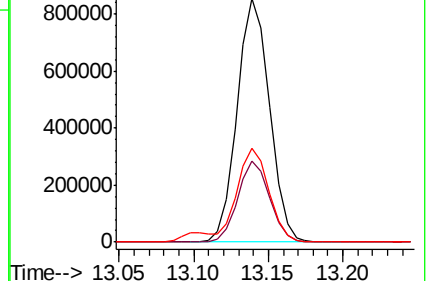
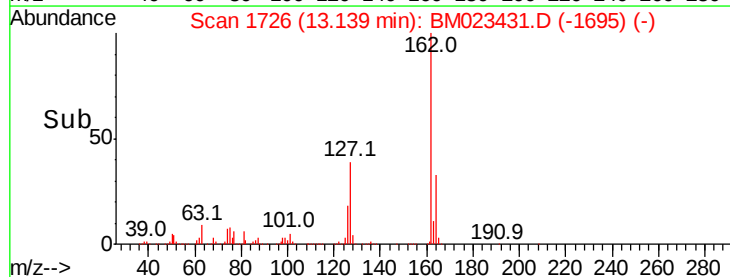
127 38.7 30.2 45.4

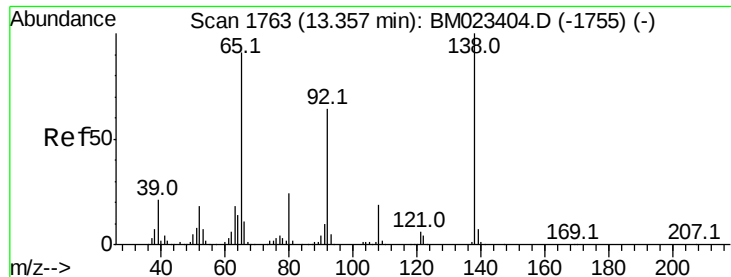


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

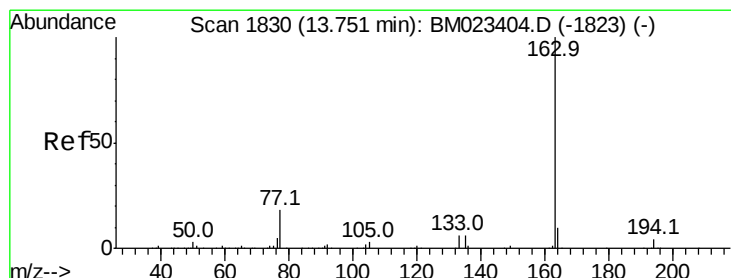
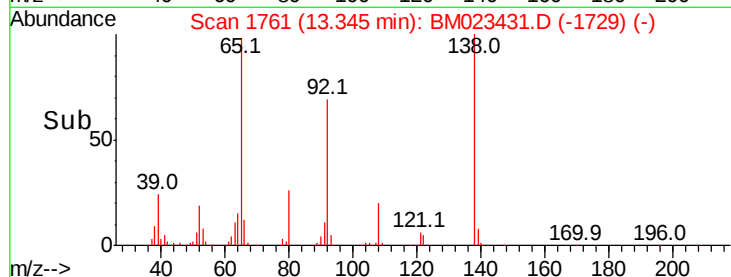
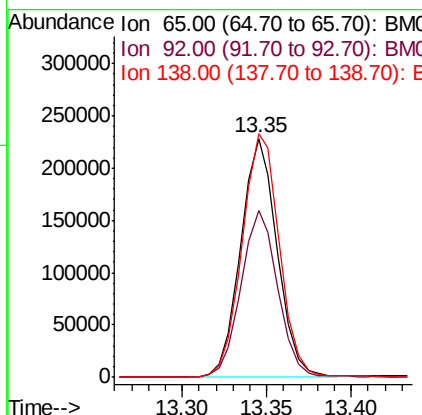
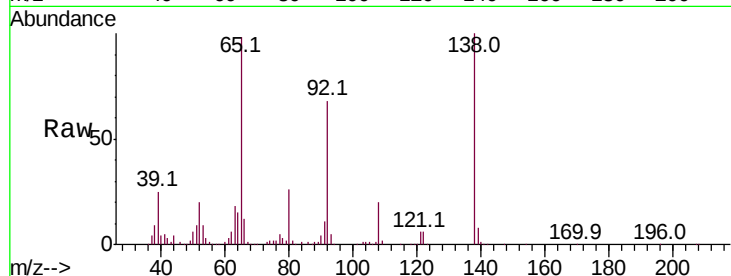




#43
2-Nitroaniline
Concen: 20.004 ng/ul
RT: 13.35 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

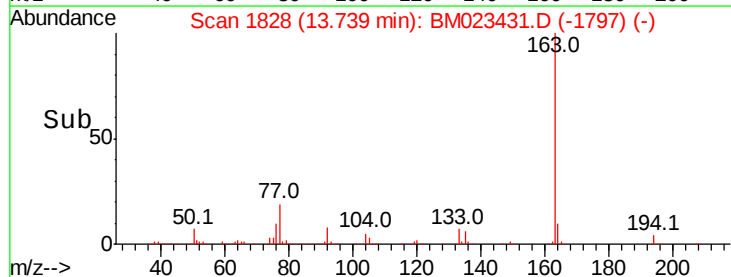
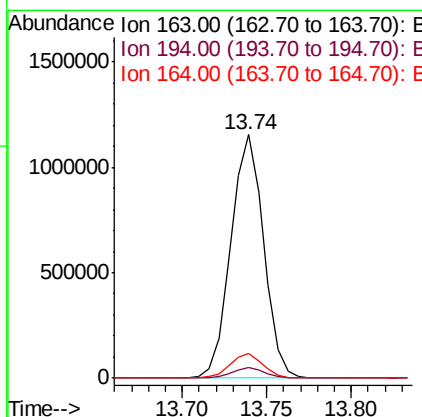
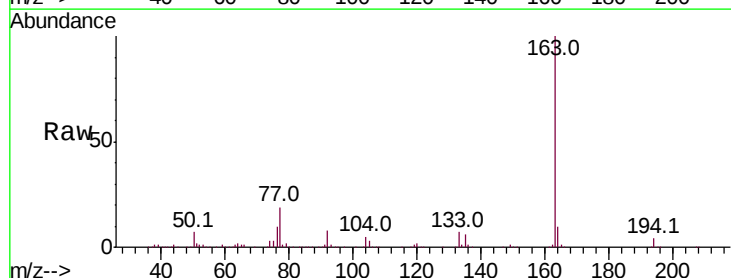
Instrument :
BNA_M
ClientSampleId :

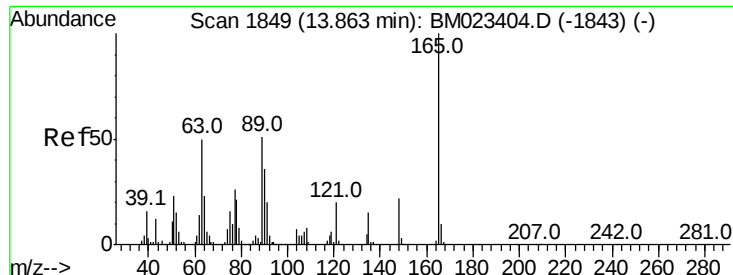
Tot Ion: 65 Resp: 343873
Ion Ratio Lower Upper
65 100
92 69.8 56.1 84.1
138 101.9 83.8 125.6



#45
Dimethylphthalate
Concen: 19.510 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion:163 Resp: 1548722
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 7.9 11.9

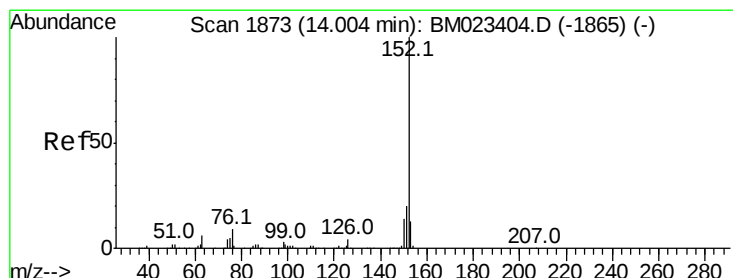
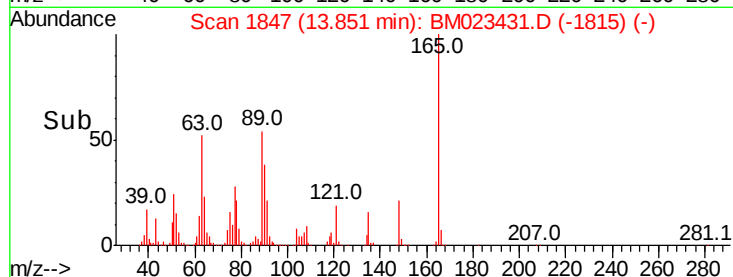
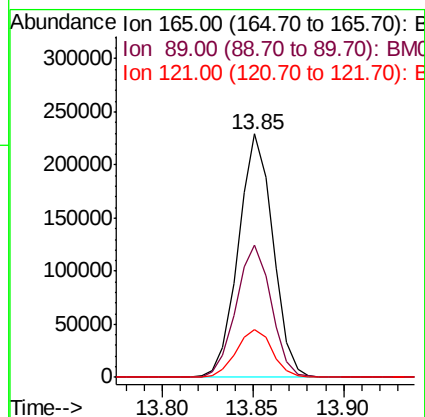
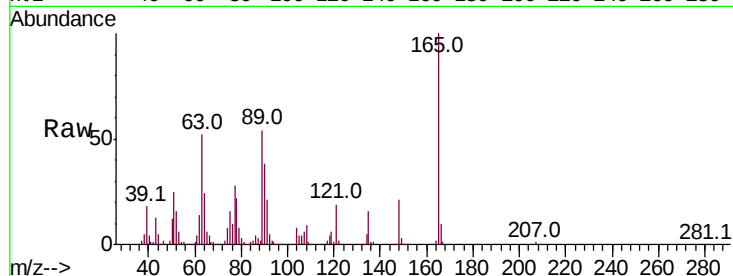




#46
2,6-Dinitrotoluene
Concen: 19.341 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

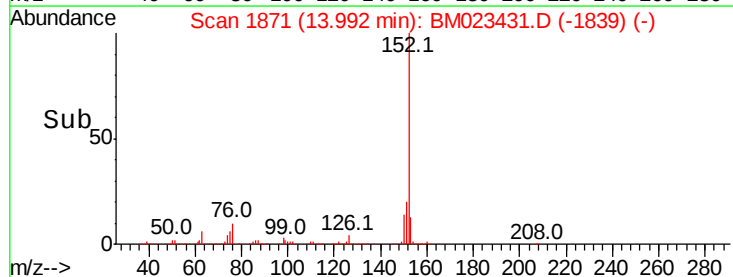
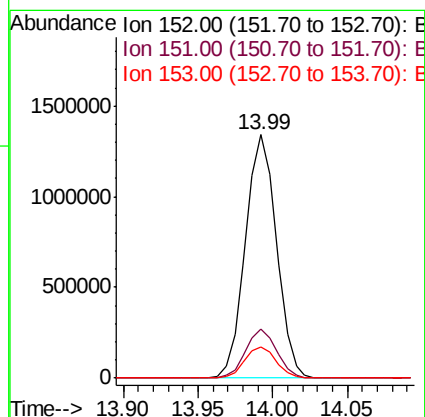
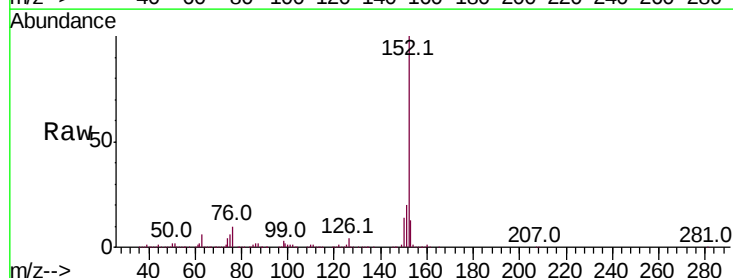
Instrument :
BNA_M
ClientSampleId :

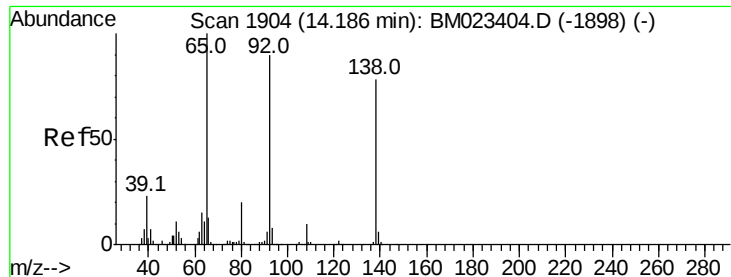
Tot Ion	Ratio	Lower	Upper
165	100		
89	54.1	44.3	66.5
121	19.4	16.4	24.6



#48
Acenaphthylene
Concen: 20.602 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.9	10.4	15.6





#49

3-Nitroaniline

Concen: 17.901 ng/ul

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

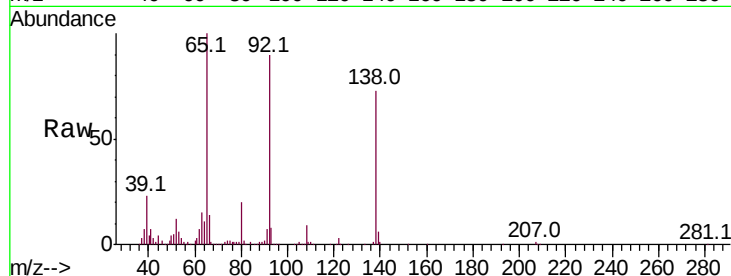
Tot Ion:138 Resp: 254362

Ion Ratio Lower Upper

138 100

108 13.1 9.4 14.0

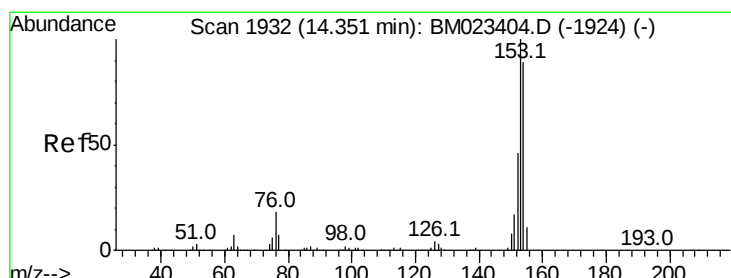
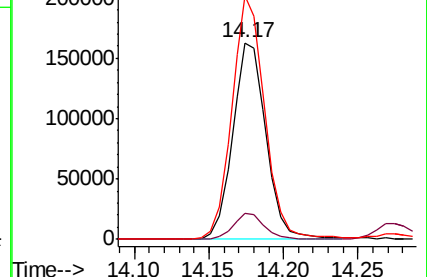
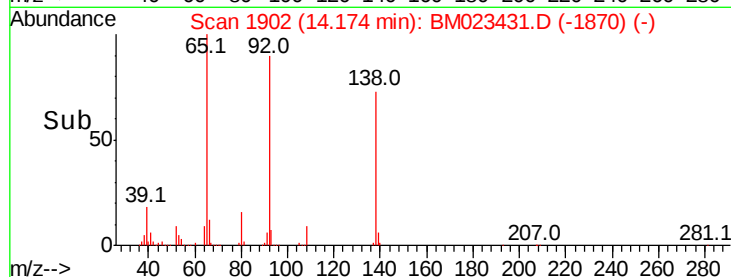
92 124.0 98.9 148.3



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



#50

Acenaphthene

Concen: 20.179 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

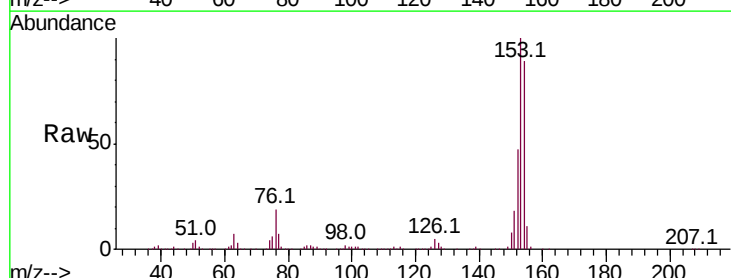
Tgt Ion:153 Resp: 1332641

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

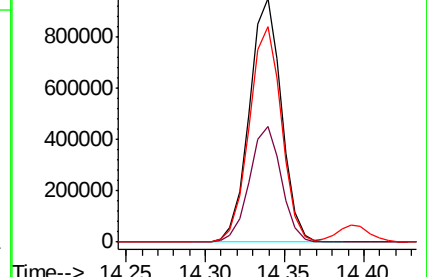
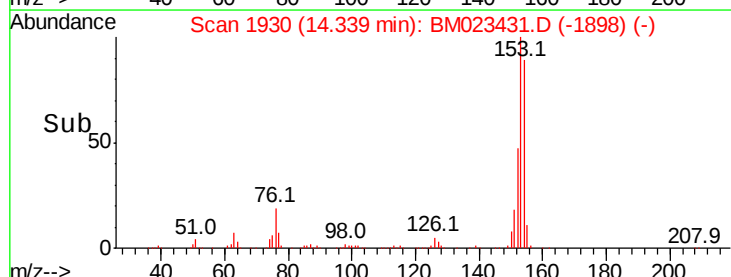
154 88.6 70.6 106.0

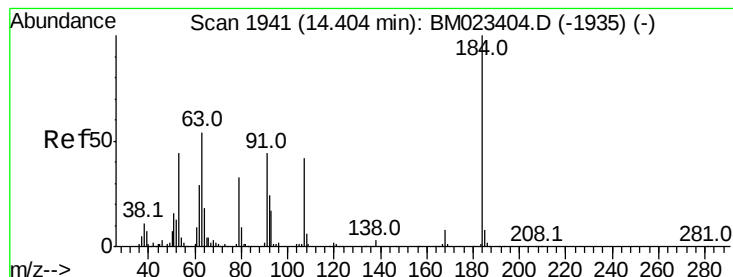


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 16.587 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

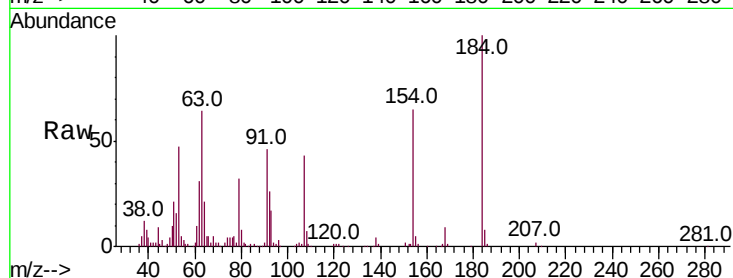
Tot Ion:184 Resp: 157235

Ion Ratio Lower Upper

184 100

63 64.0 50.0 75.0

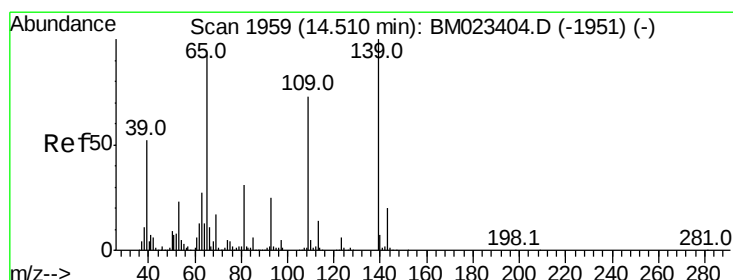
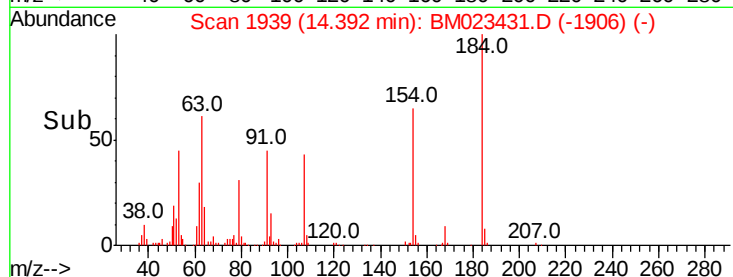
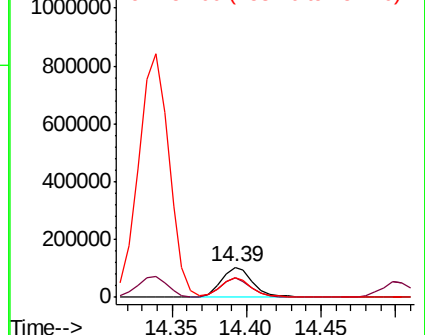
154 64.9 52.3 78.5



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



#53

4-Nitrophenol

Concen: 18.843 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

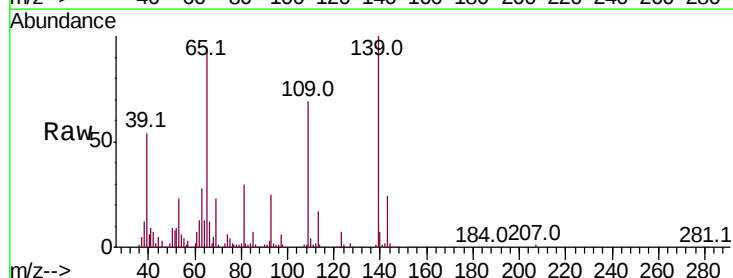
Tgt Ion:109 Resp: 205473

Ion Ratio Lower Upper

109 100

139 145.4 107.1 160.7

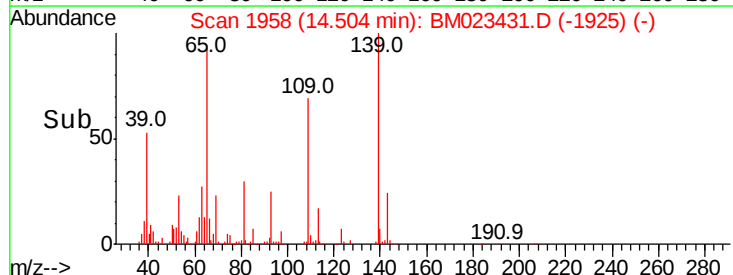
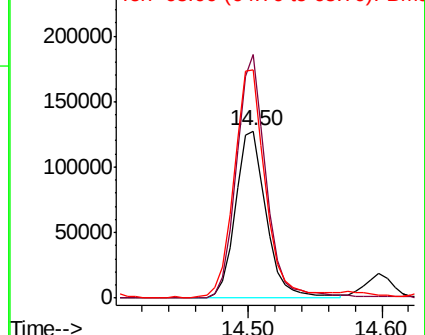
65 136.5 100.0 150.0

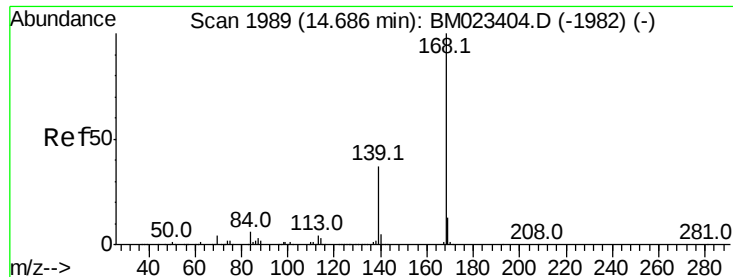


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 20.180 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

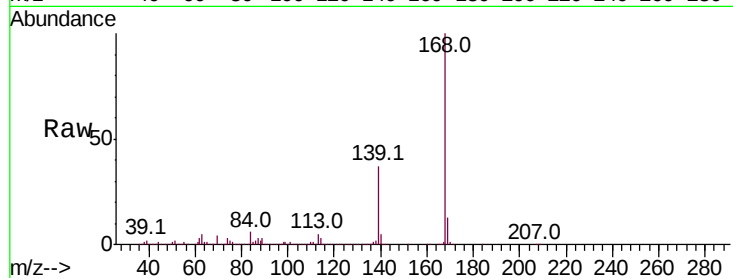
ClientSampleId :

Tot Ion:168 Resp: 1908548

Ion Ratio Lower Upper

168 100

139 36.9 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.67

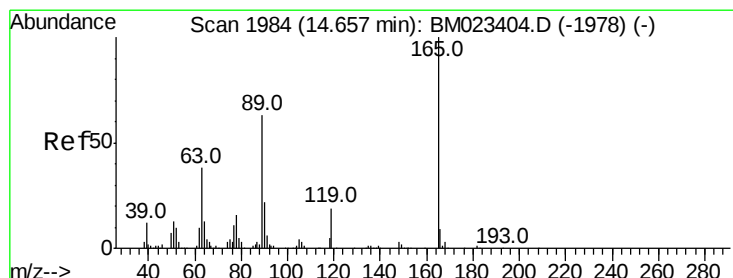
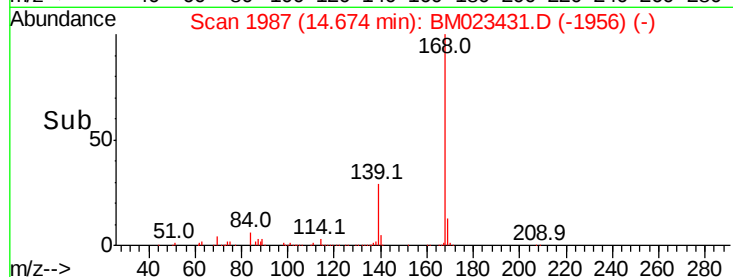
1500000

1000000

500000

0

Time--> 14.60 14.65 14.70



#55

2,4-Dinitrotoluene

Concen: 19.402 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

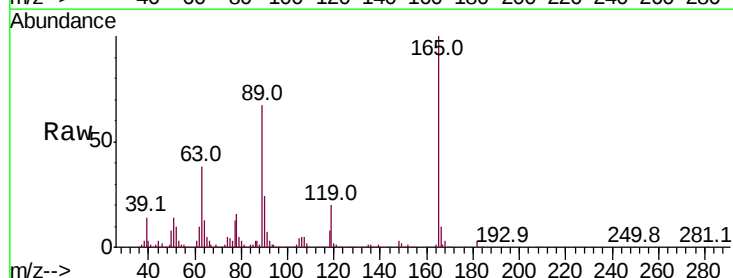
Tgt Ion:165 Resp: 442296

Ion Ratio Lower Upper

165 100

63 38.4 30.9 46.3

182 3.3 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.64

400000

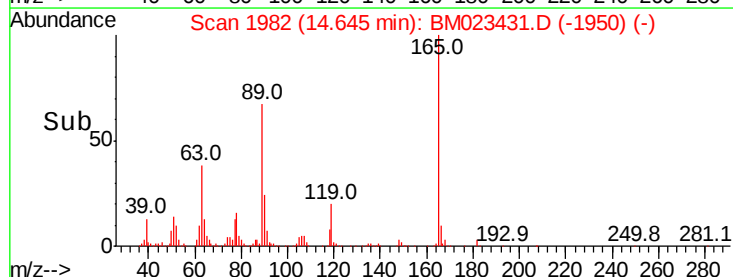
300000

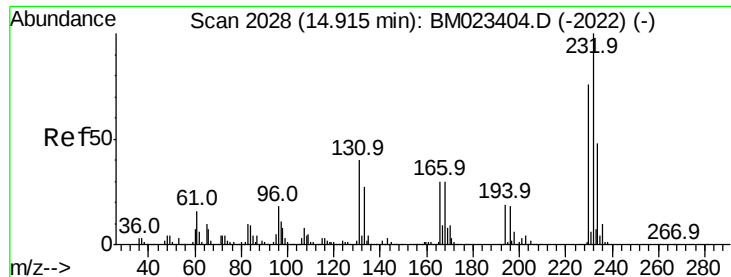
200000

100000

0

Time--> 14.60 14.65 14.70





#56

2,3,4,6-Tetrachlorophenol

Concen: 18.964 ng/ul

RT: 14.90 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 397551

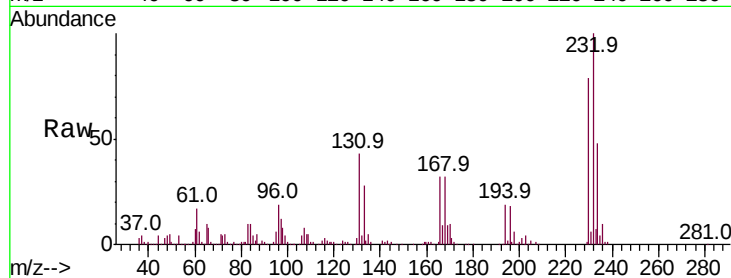
Ion Ratio Lower Upper

232 100

131 43.3 35.3 52.9

130 2.5 1.8 2.8

166 31.6 25.2 37.8

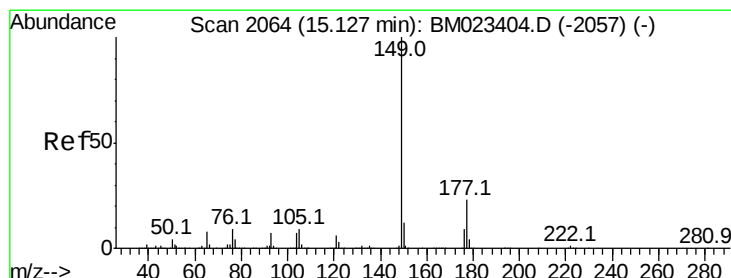
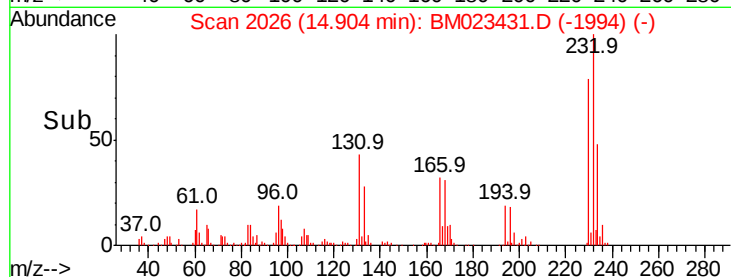
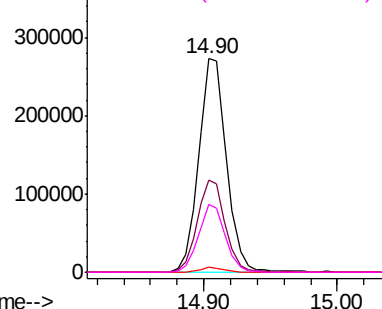


Abundance Ion 232.00 (231.70 to 232.70): E

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



#57

Diethylphthalate

Concen: 19.405 ng/ul

RT: 15.12 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

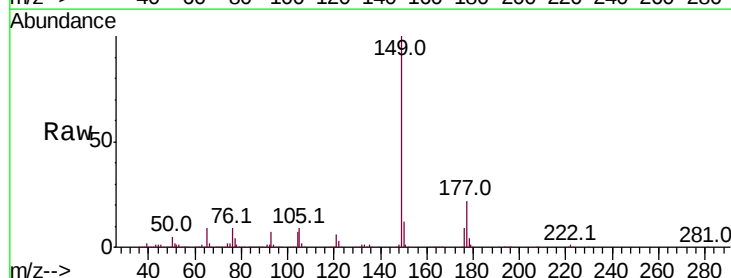
Tgt Ion:149 Resp: 1553824

Ion Ratio Lower Upper

149 100

177 22.2 18.1 27.1

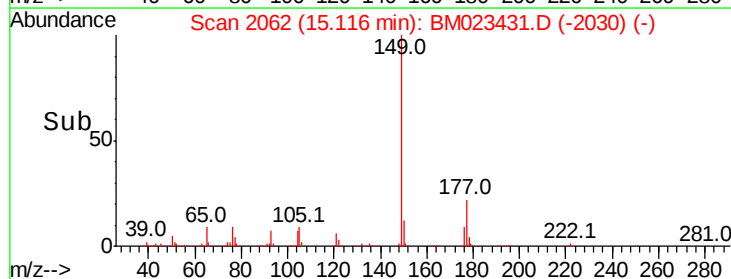
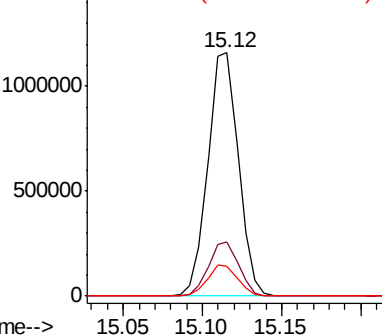
150 12.3 10.3 15.5

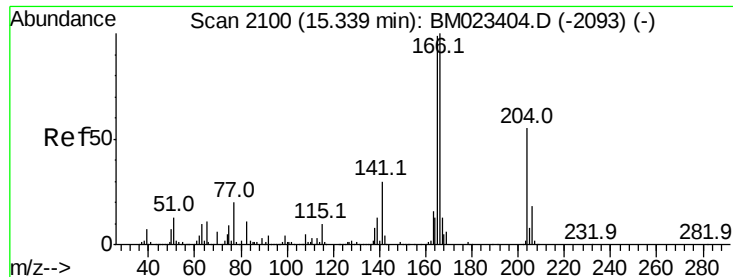


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.841 ng/ul

RT: 15.33 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampled :

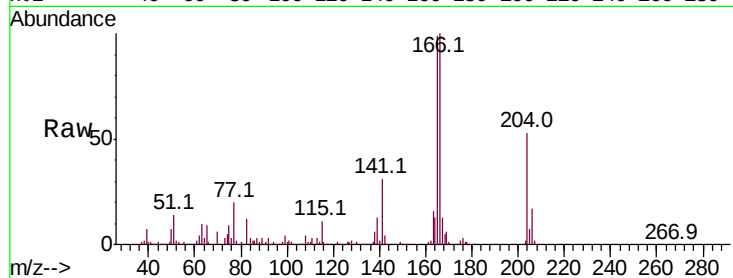
Tot Ion:166 Resp: 1530026

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

167 13.3 10.8 16.2

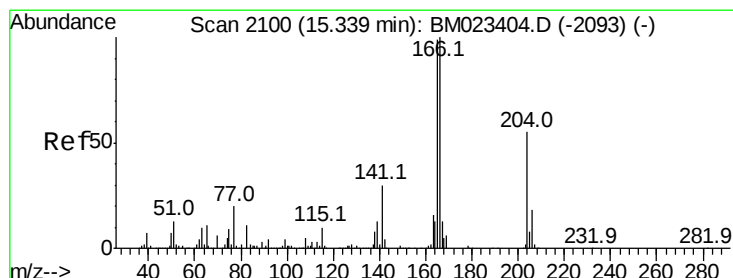
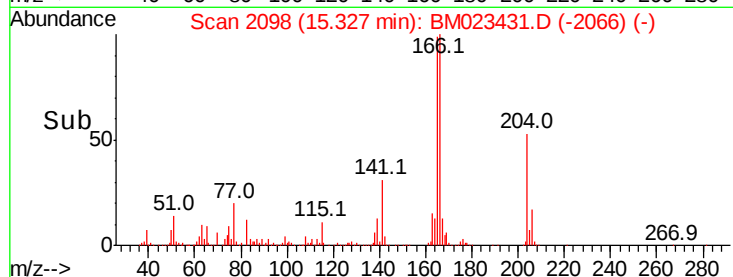
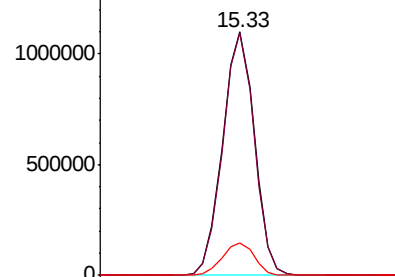


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.471 ng/ul

RT: 15.33 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

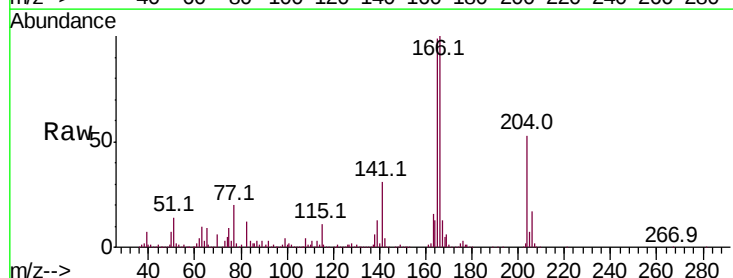
Tgt Ion:204 Resp: 793649

Ion Ratio Lower Upper

204 100

206 32.9 26.6 40.0

141 57.9 46.1 69.1

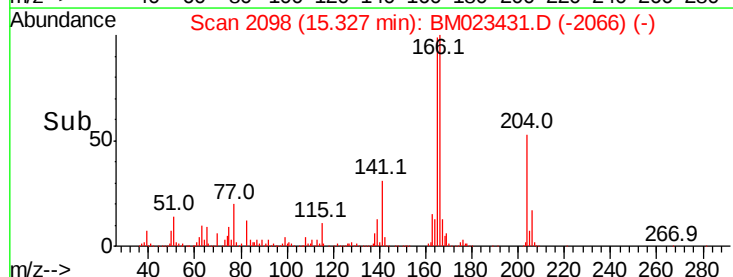
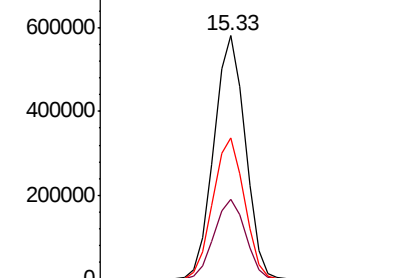


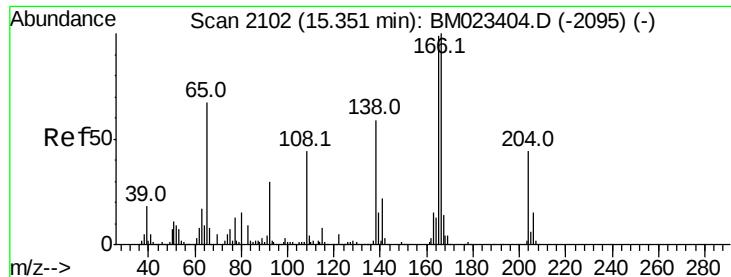
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

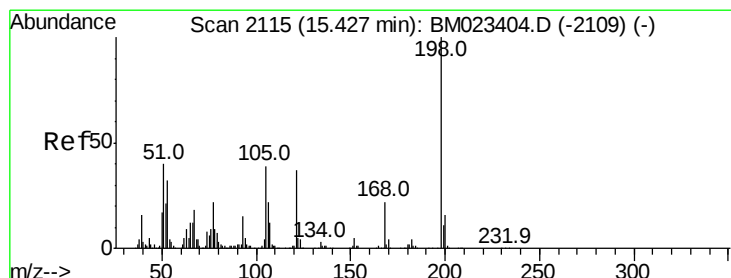
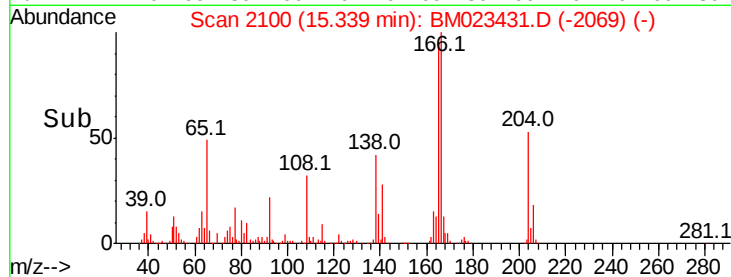
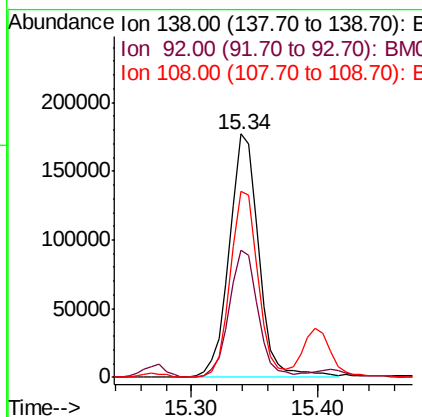
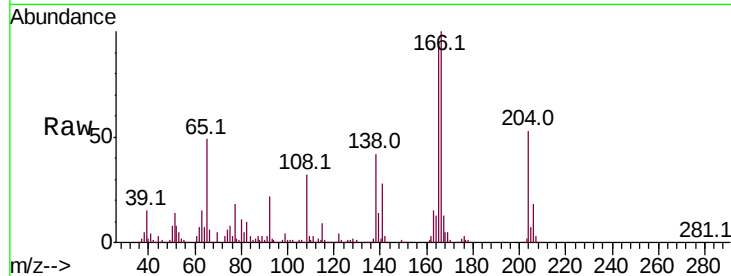




#61
4-Nitroaniline
Concen: 17.925 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

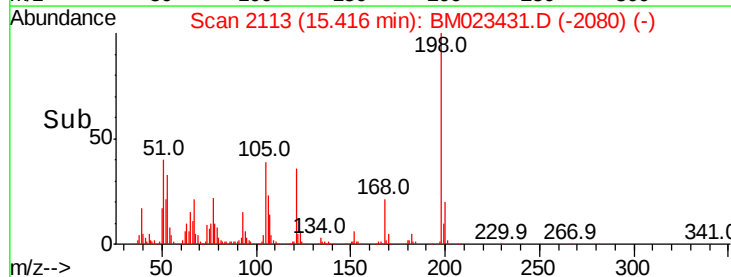
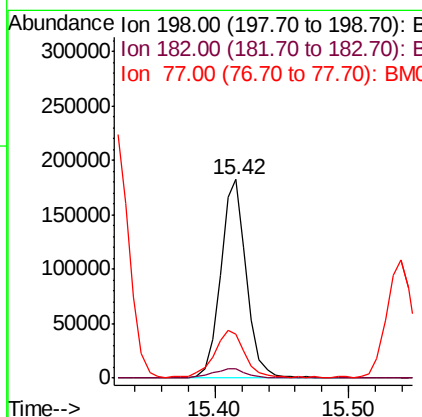
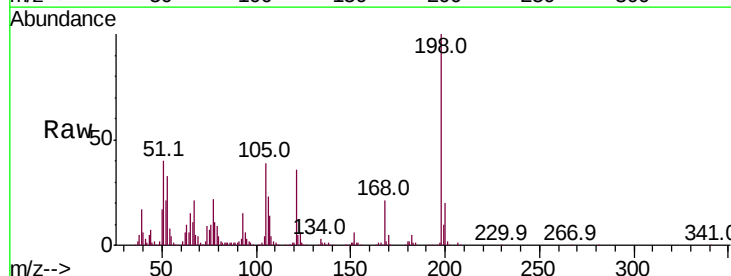
Instrument :
BNA_M
ClientSampled :

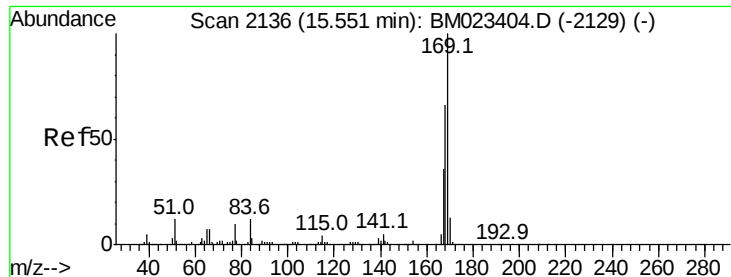
Tot Ion:138 Resp: 284293
Ion Ratio Lower Upper
138 100
92 52.5 41.4 62.0
108 76.3 63.0 94.6



#64
4,6-Dinitro-2-methylphenol
Concen: 17.166 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion:198 Resp: 246437
Ion Ratio Lower Upper
198 100
182 4.8 3.1 4.7#
77 22.0 19.1 28.7



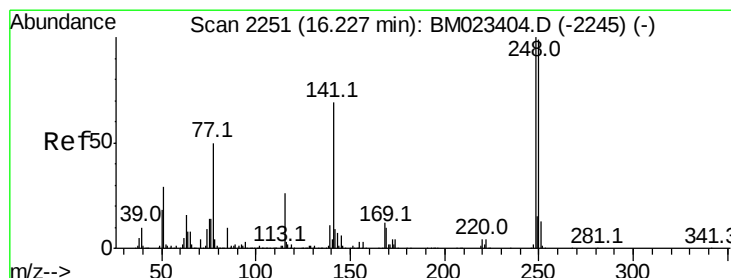
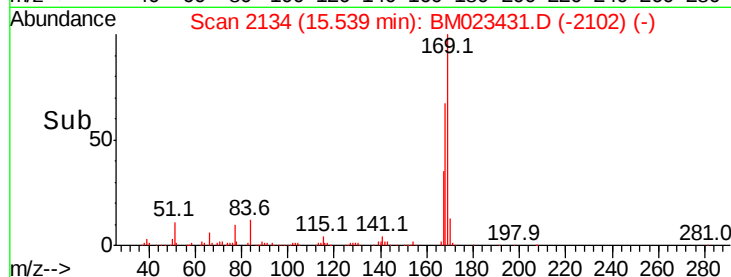
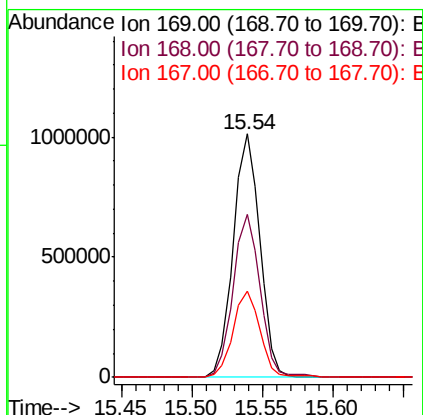
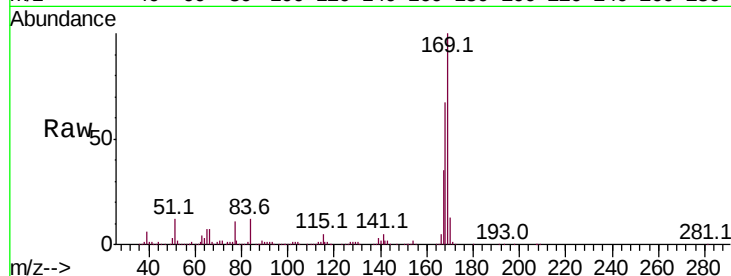


#65

N-Nitrosodiphenylamine
 Concen: 20.172 ng/ul
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Instrument :
 BNA_M
 ClientSampled :

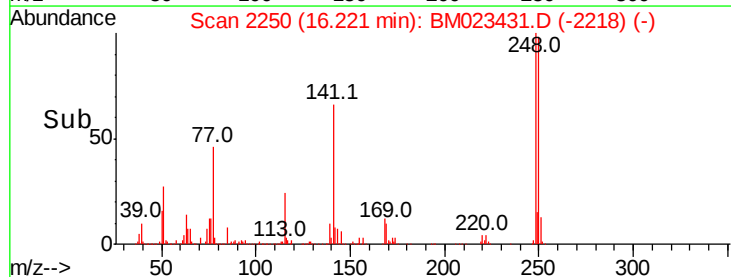
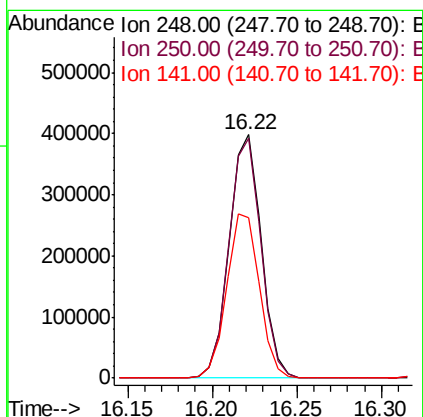
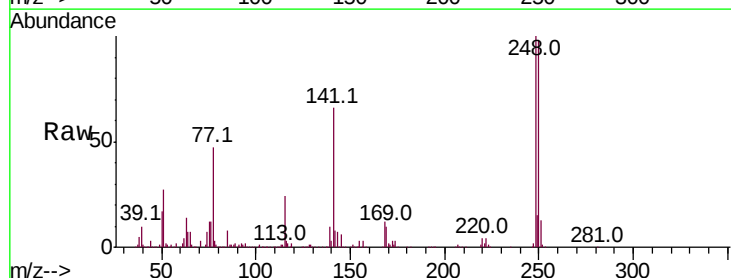
Tot Ion:169 Resp: 1336239
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.6 80.4
 167 35.4 29.0 43.4

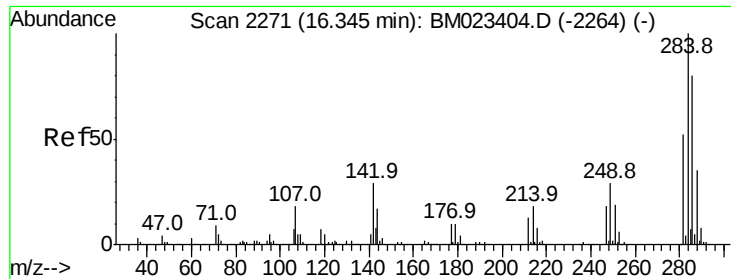


#66

4-Bromophenyl-phenylether
 Concen: 19.564 ng/ul
 RT: 16.22 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion:248 Resp: 524543
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.4 116.2
 141 65.8 52.4 78.6

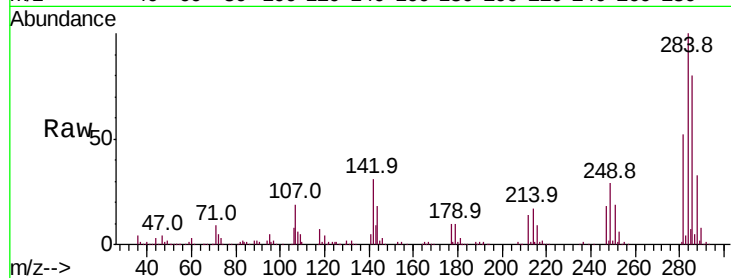




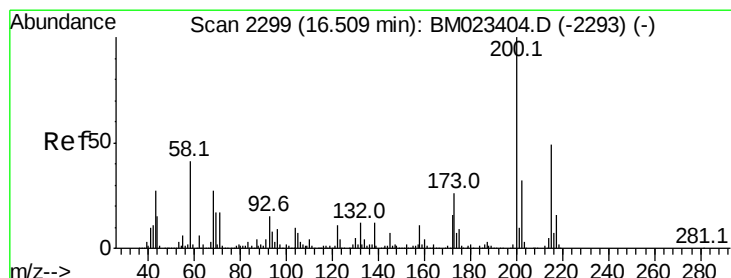
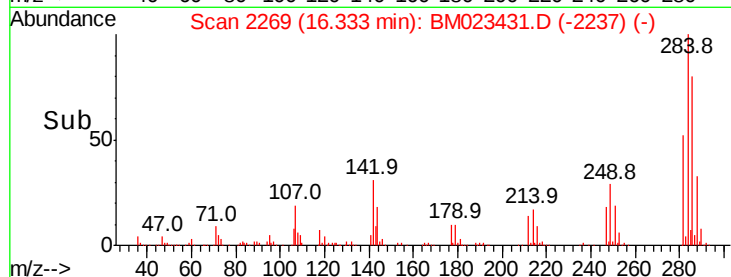
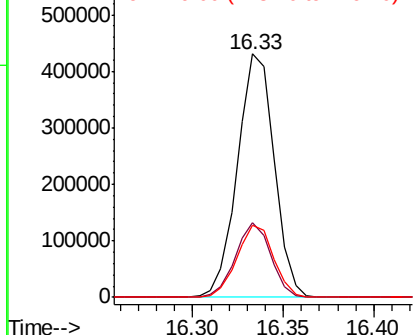
#67
Hexachlorobenzene
Concen: 19.843 ng/ul
RT: 16.33 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.9	23.5	35.3
249	29.5	23.4	35.2

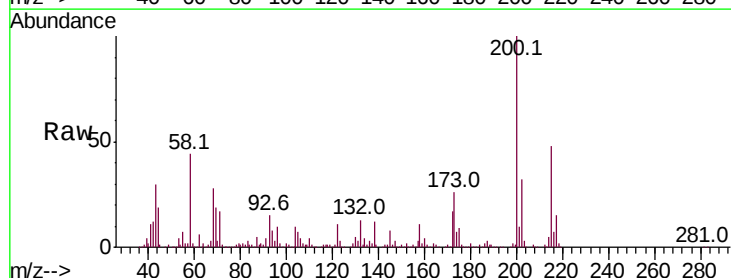


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

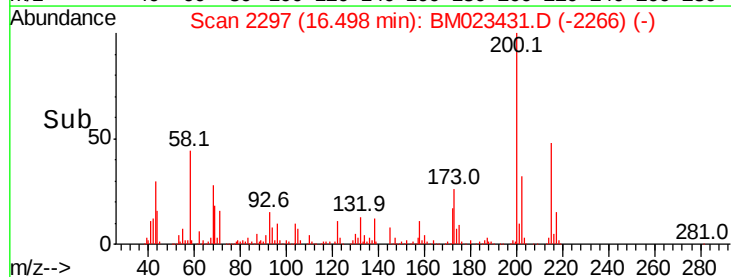
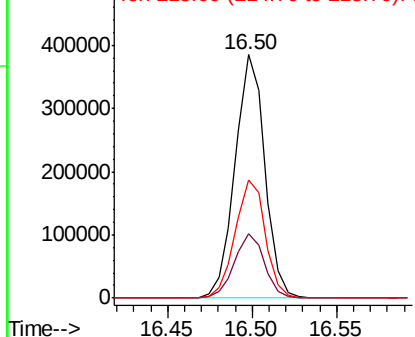


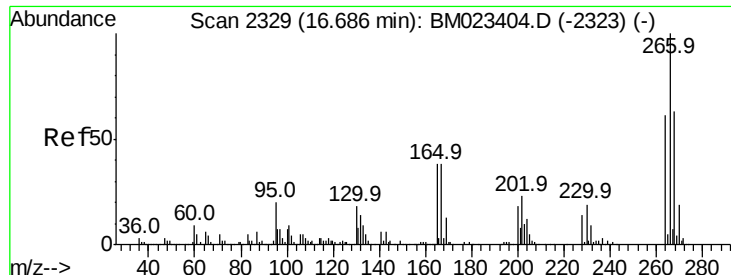
#68
Atrazine
Concen: 19.494 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	20.2	30.4
215	48.5	39.2	58.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

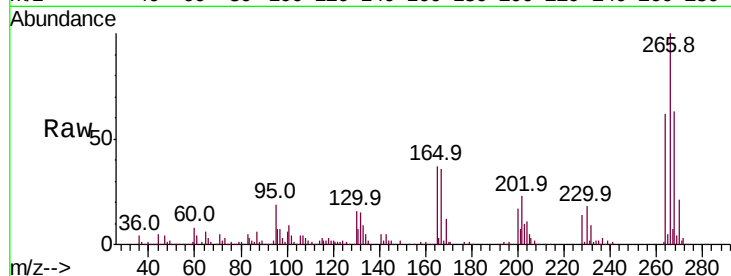




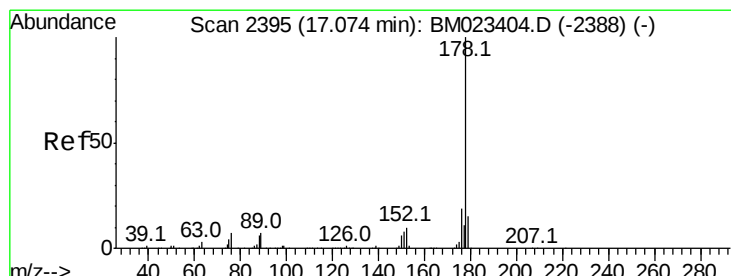
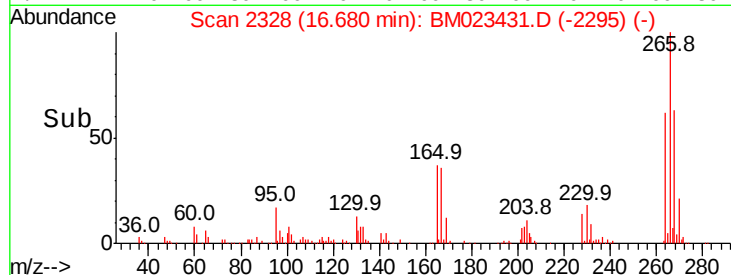
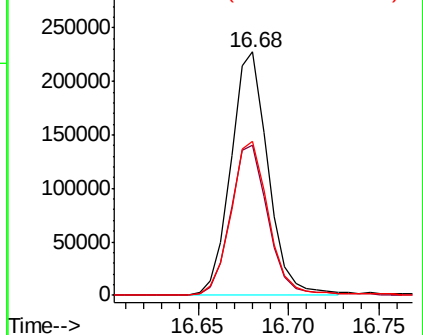
#69
 Pentachlorophenol
 Concen: 17.836 ng/ul
 RT: 16.68 min Scan# 2328
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.4	74.2
268	63.4	50.4	75.6

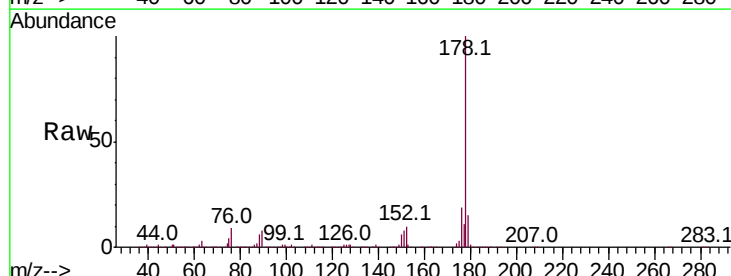


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

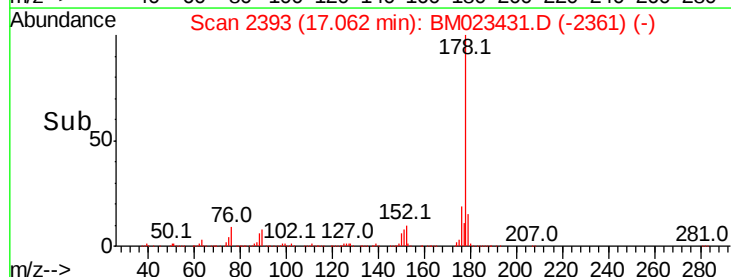
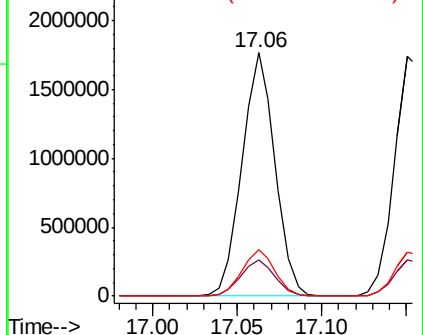


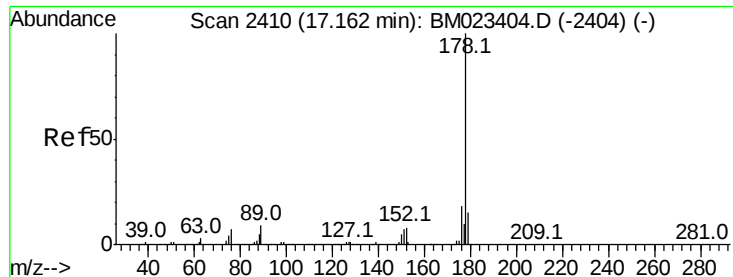
#70
 Phenanthrene
 Concen: 20.391 ng/ul
 RT: 17.06 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.0	14.9	22.3



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



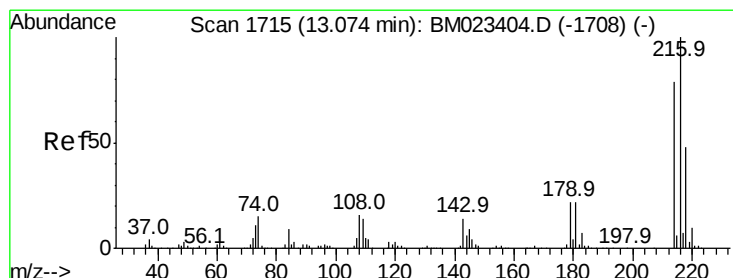
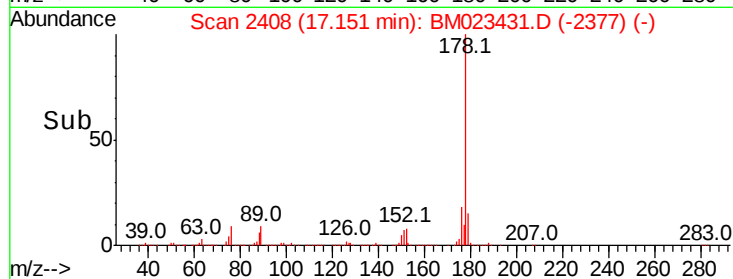
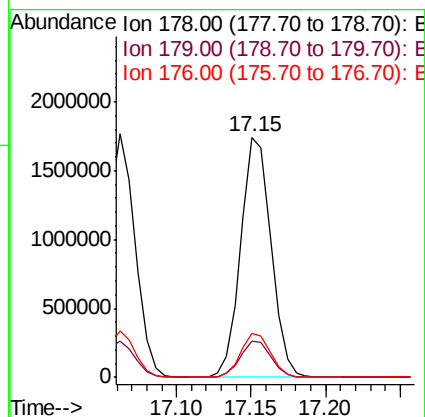
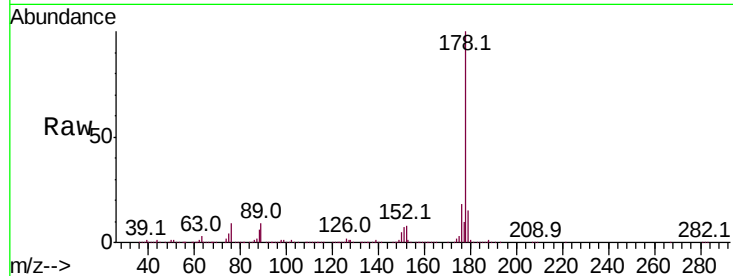


#72
 Anthracene
 Concen: 20.643 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.02 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 2454612

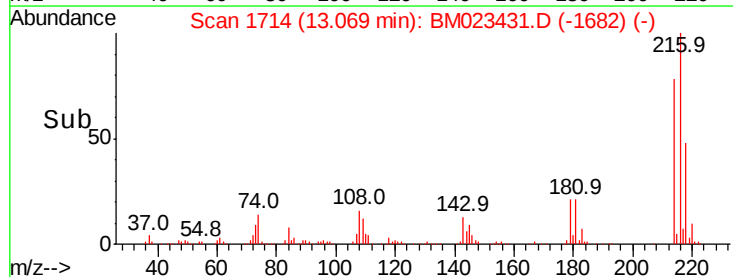
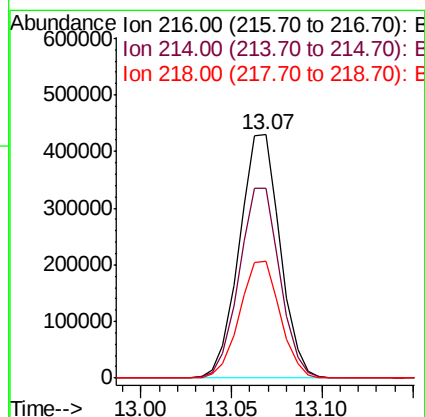
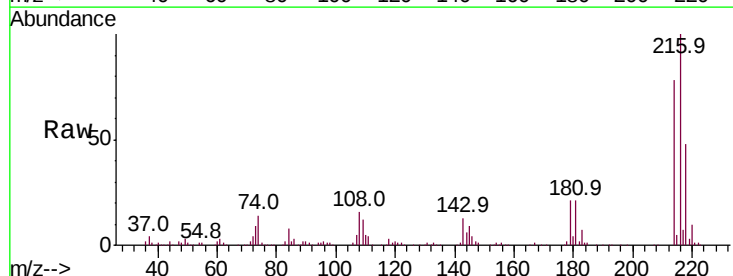
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.3	14.4	21.6

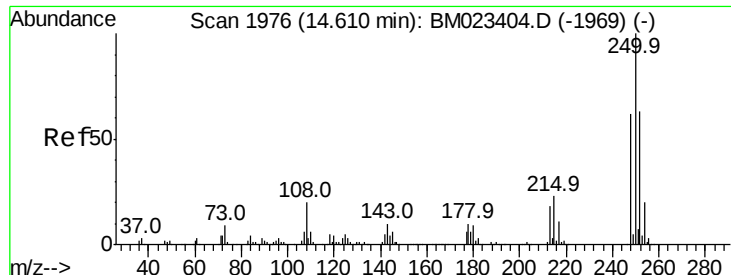


#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.370 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion:216 Resp: 672354

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.1	93.1
218	47.8	37.8	56.8

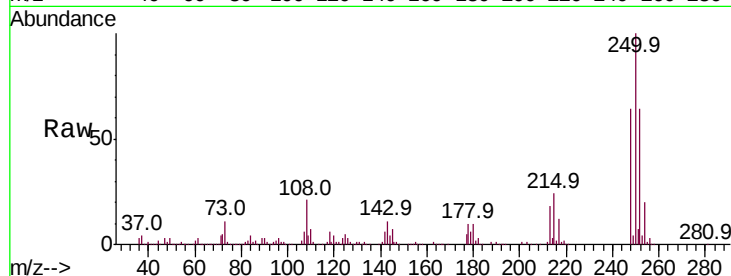




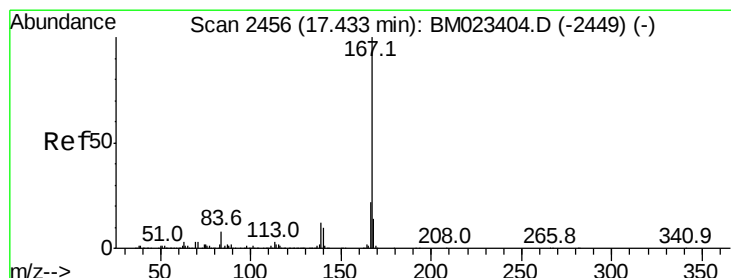
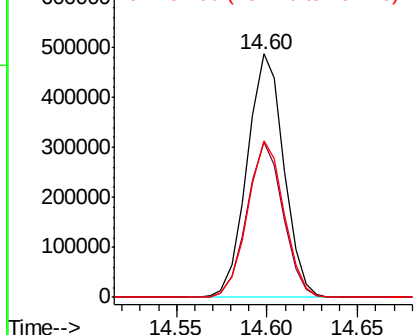
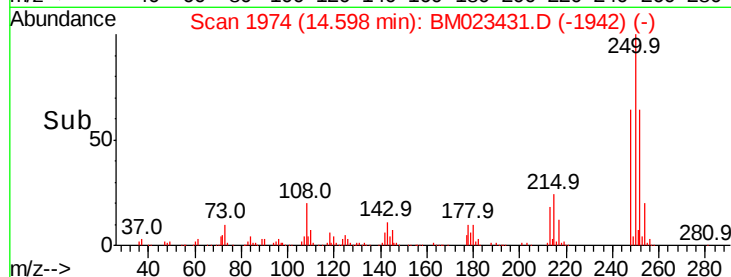
#74
 Pentachlorobenzene
 Concen: 20.320 ng/uL
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
250	100		
248	63.8	50.7	76.1
252	64.1	51.8	77.8

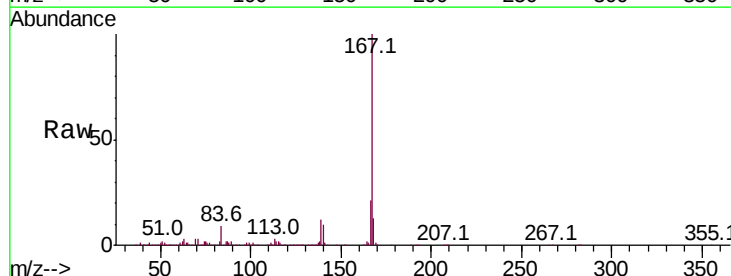


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

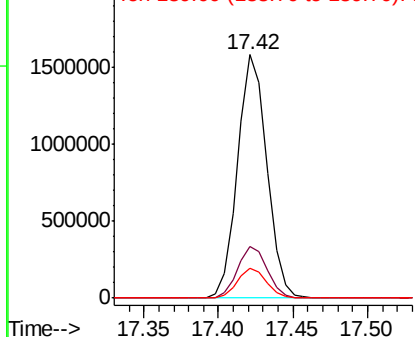
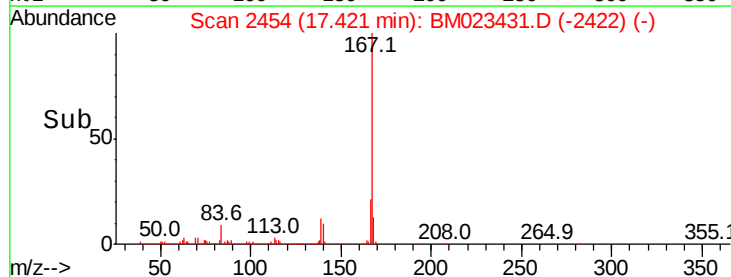


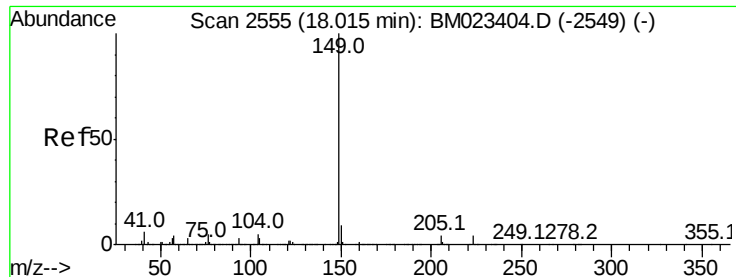
#75
 Carbazole
 Concen: 21.628 ng/uL
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.5	10.0	15.0



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

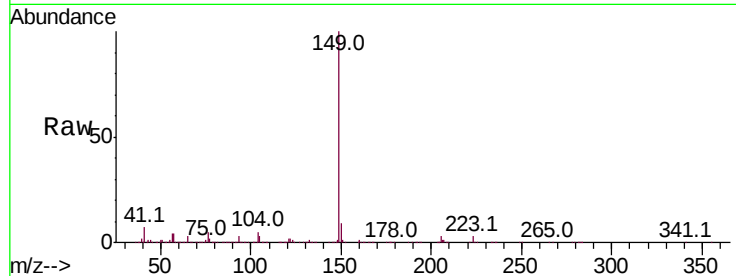




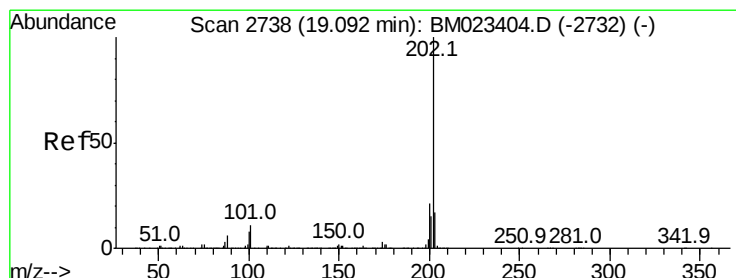
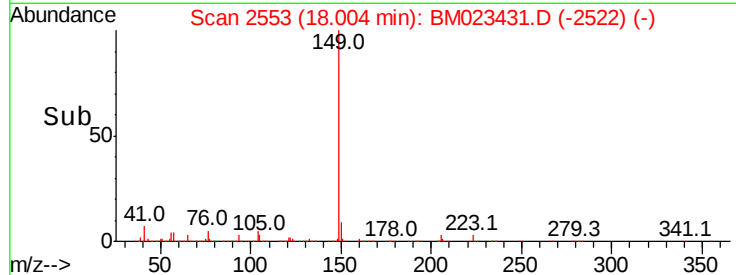
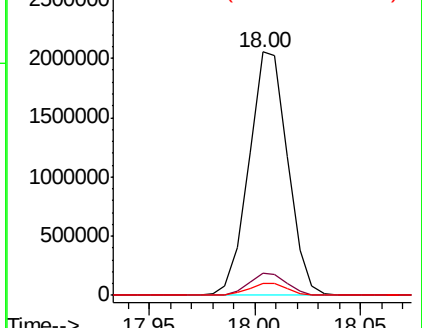
#76
Di-n-butylphthalate
Concen: 20.816 ng/ul
RT: 18.00 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2618974
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.0 3.9 5.9

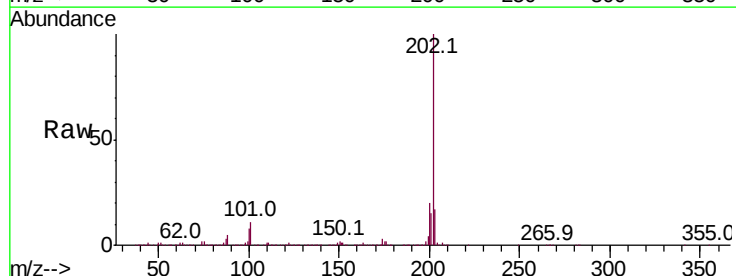


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

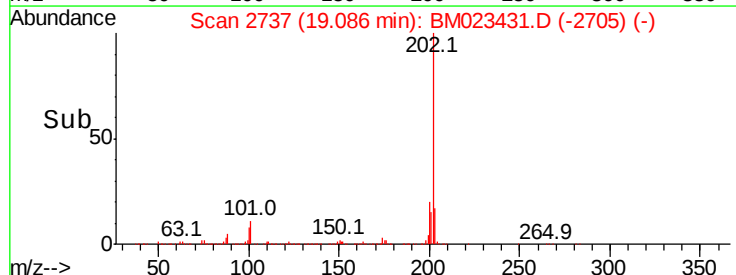
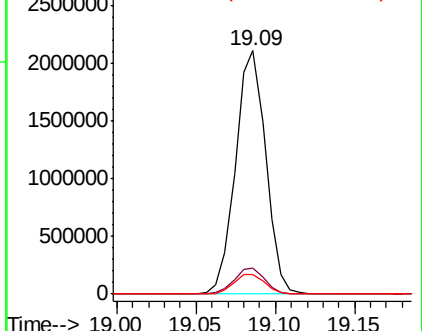


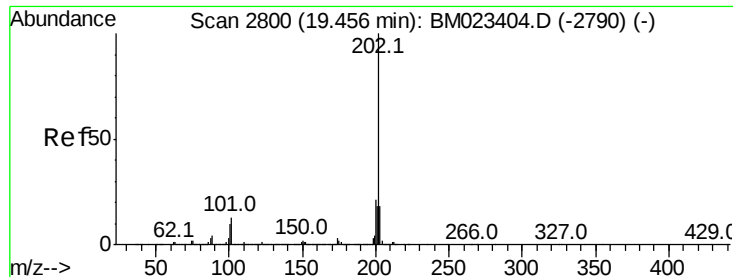
#77
Fluoranthene
Concen: 22.677 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion:202 Resp: 2775958
Ion Ratio Lower Upper
202 100
101 10.6 8.1 12.1
100 8.0 6.2 9.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 18.820 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

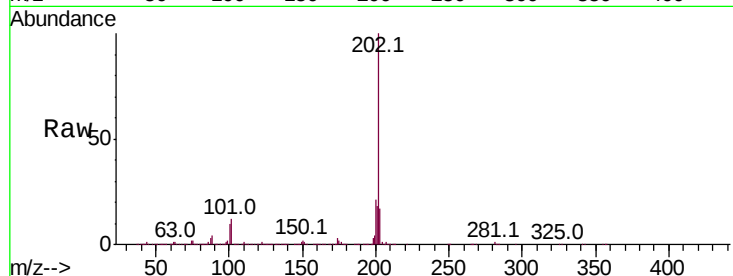
Tot Ion:202 Resp: 2843432

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.0	15.0
100	10.2	8.3	12.5

202 100

101 11.9 10.0 15.0

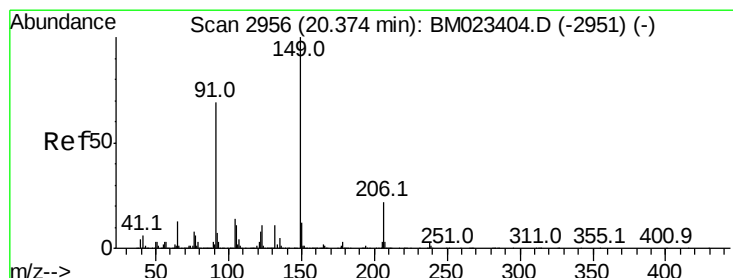
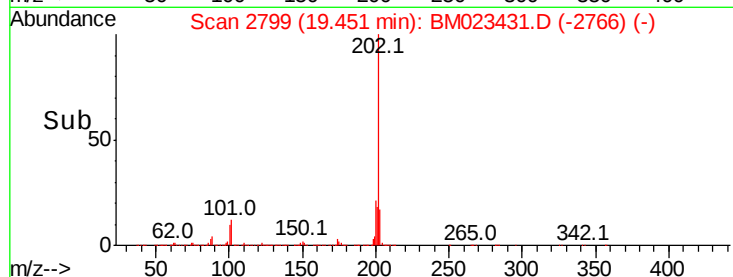
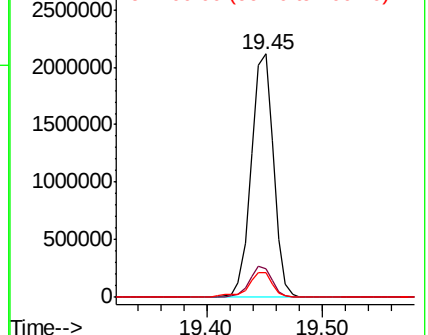
100 10.2 8.3 12.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 19.289 ng/ul

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

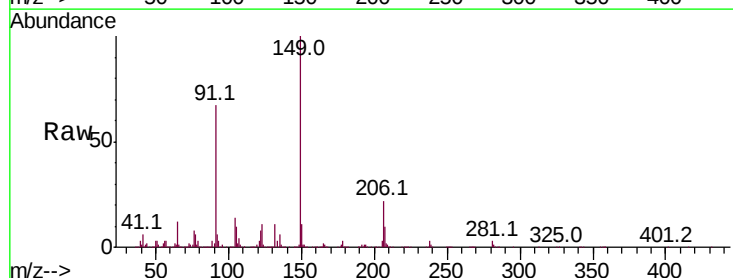
Tgt Ion:149 Resp: 1193125

Ion	Ratio	Lower	Upper
149	100		
91	66.7	54.2	81.2
206	21.9	17.7	26.5

149 100

91 66.7 54.2 81.2

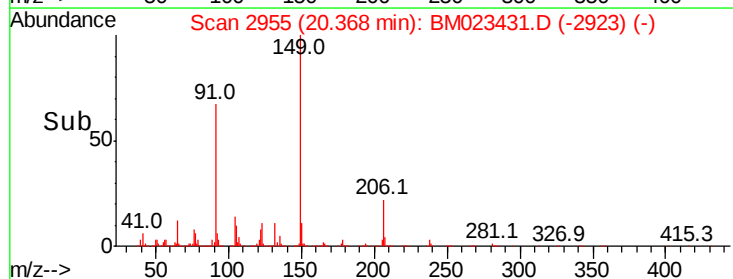
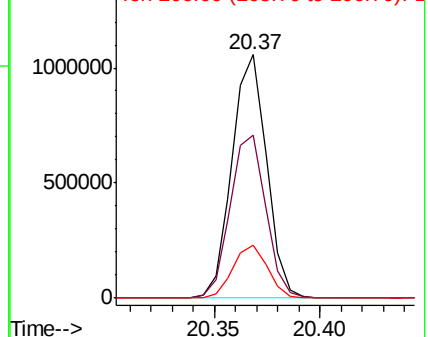
206 21.9 17.7 26.5

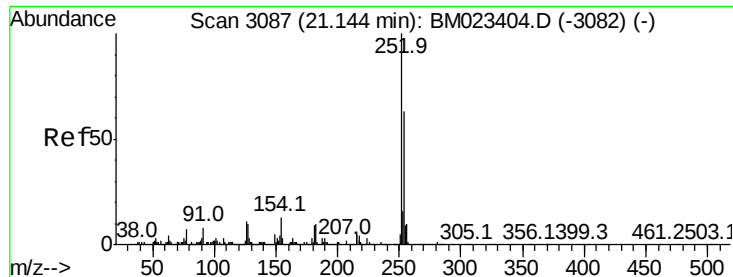


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

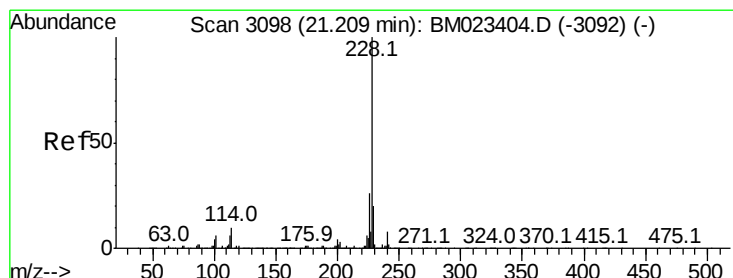
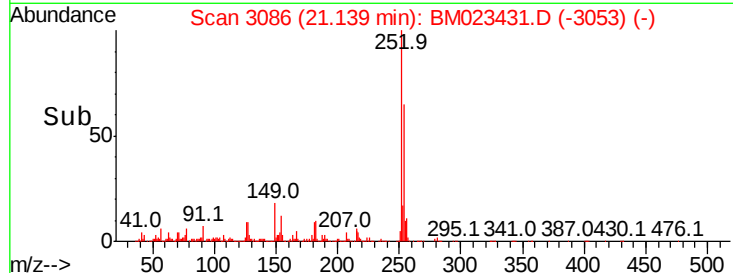
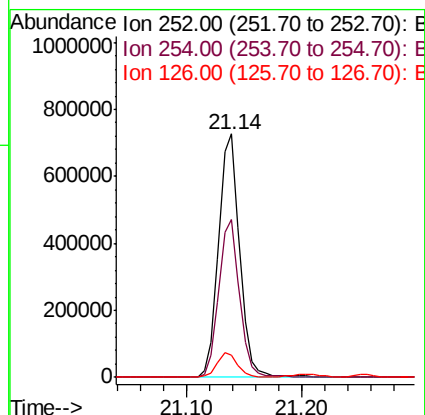
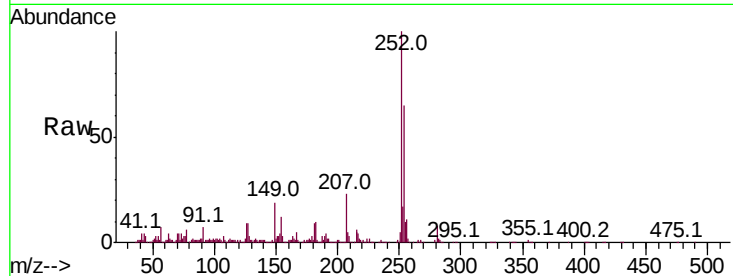




#82
 3,3'-Dichlorobenzidine
 Concen: 17.942 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

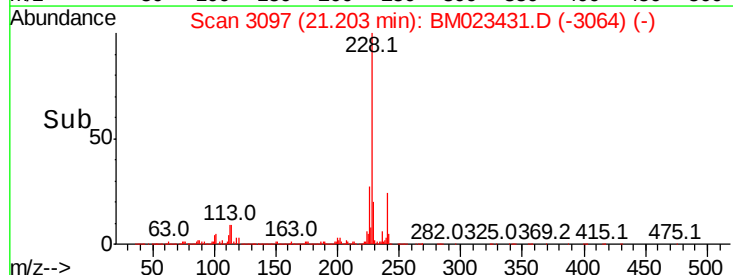
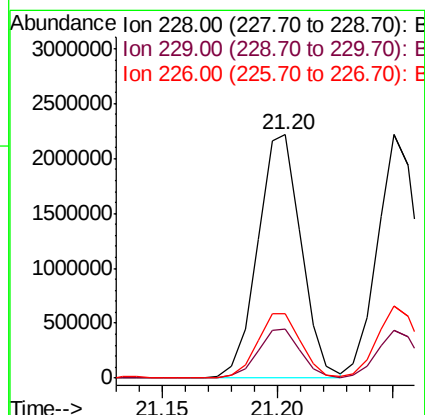
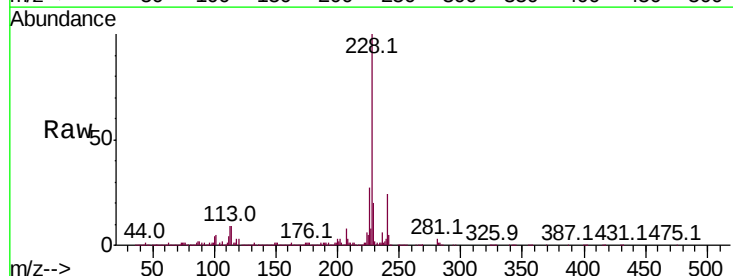
Instrument :
 BNA_M
 ClientSampled :

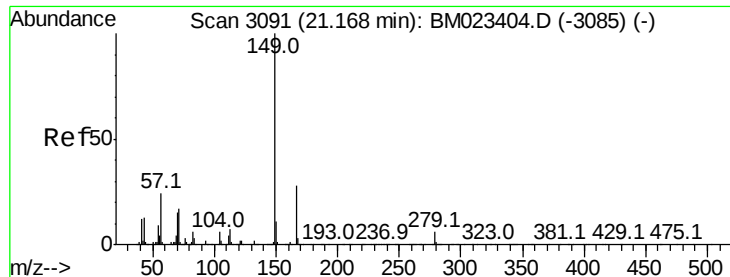
Tot Ion:252 Resp: 918118
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.0 76.6
 126 9.1 8.0 12.0



#83
 Benzo(a)anthracene
 Concen: 20.239 ng/ul
 RT: 21.20 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BM023431.D
 Acq: 28 Oct 2019 22:10

Tgt Ion:228 Resp: 2896023
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.8 23.8
 226 26.6 21.6 32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.348 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

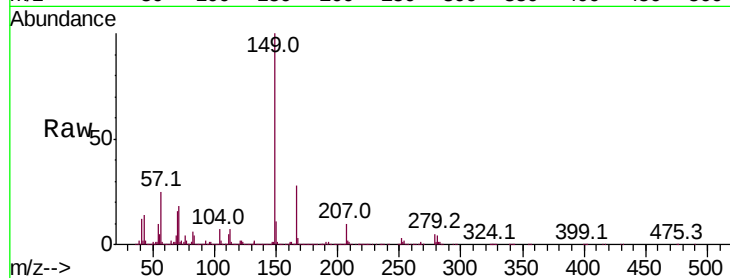
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1764532

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	5.4	4.1	6.1

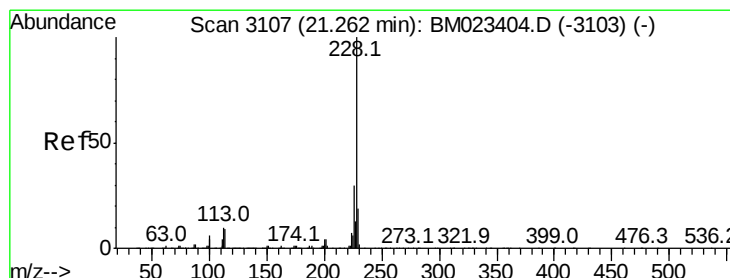
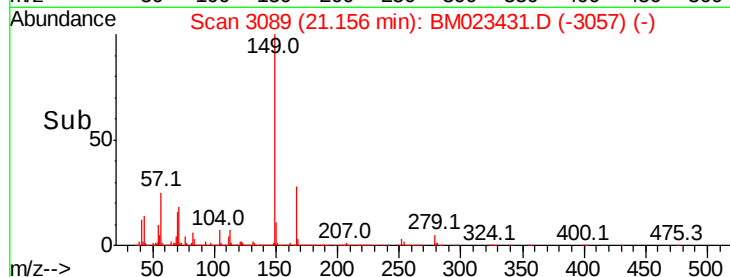
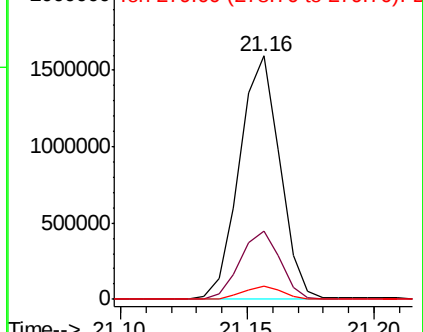


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 20.357 ng/ul

RT: 21.25 min Scan# 3105

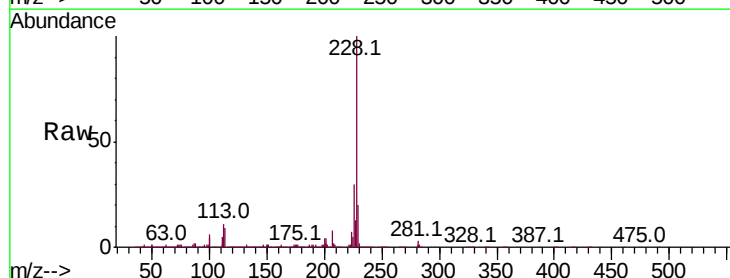
Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Tgt Ion:228 Resp: 2687713

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.6	16.0	24.0

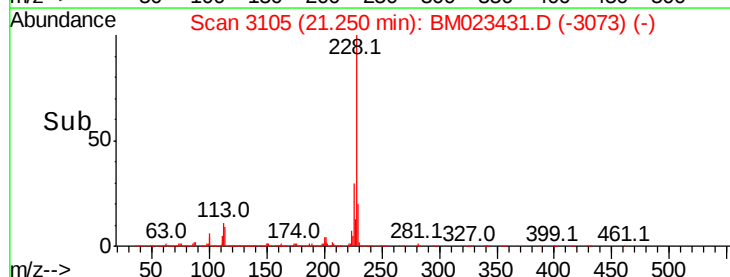
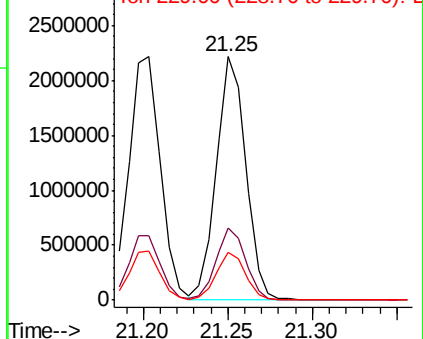


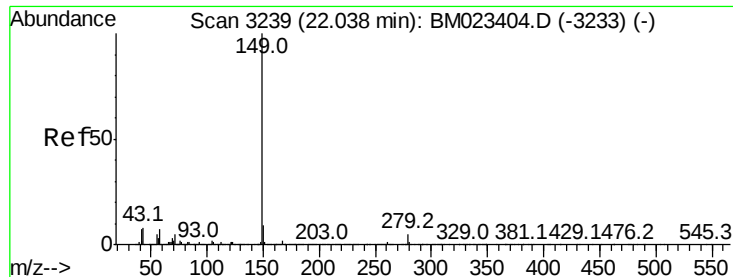
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.563 ng/ul

RT: 22.02 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BM023431.D

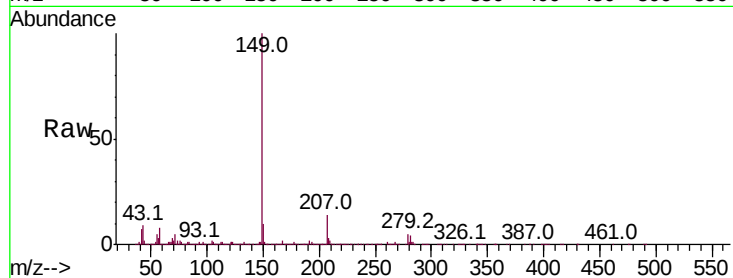
Acq: 28 Oct 2019 22:10

Instrument :

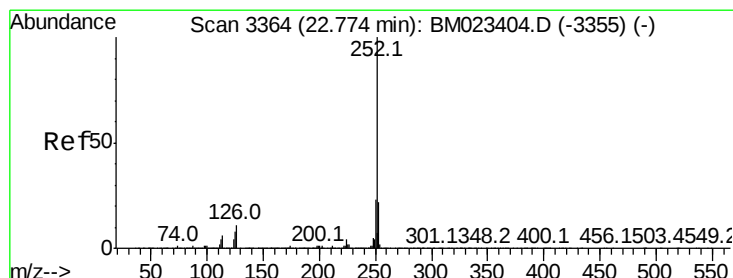
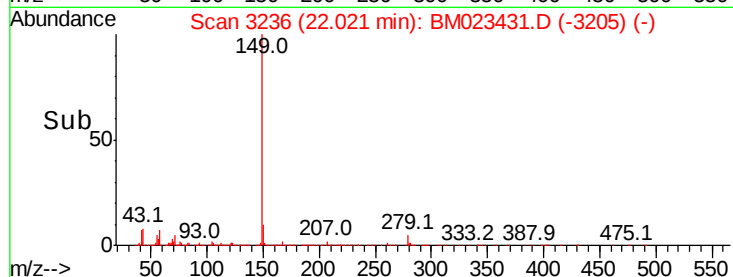
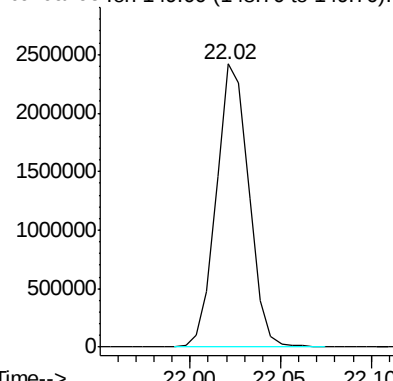
BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 2998276



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.341 ng/ul

RT: 22.76 min Scan# 3361

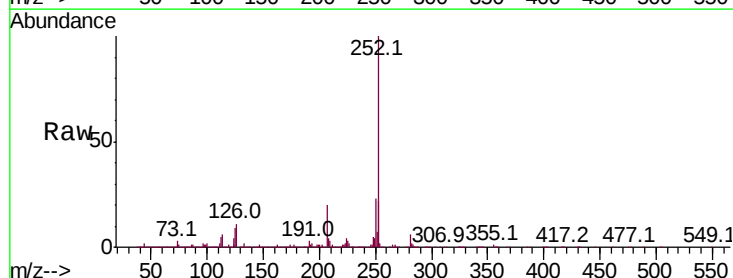
Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Tgt Ion:252 Resp: 3079445

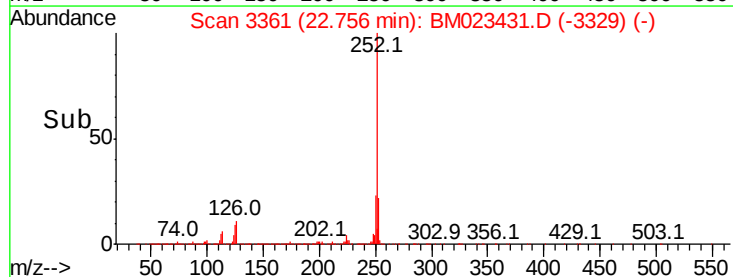
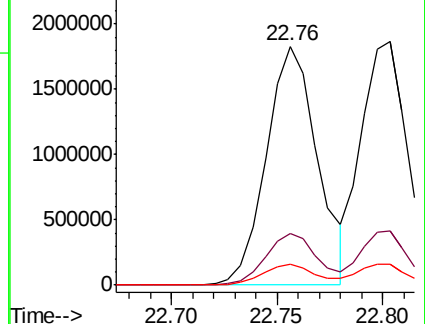
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.9	7.1	10.7

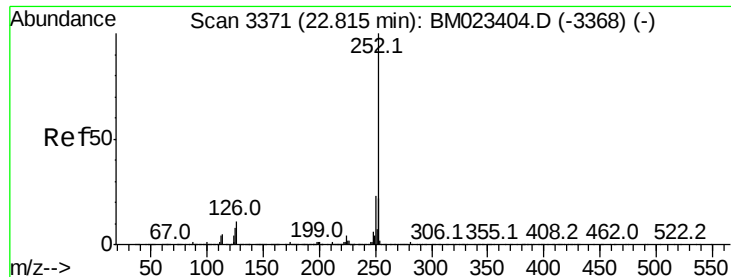


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 19.246 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

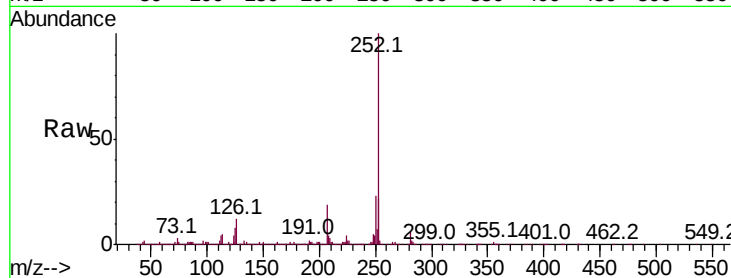
Tot Ion:252 Resp: 2877504

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

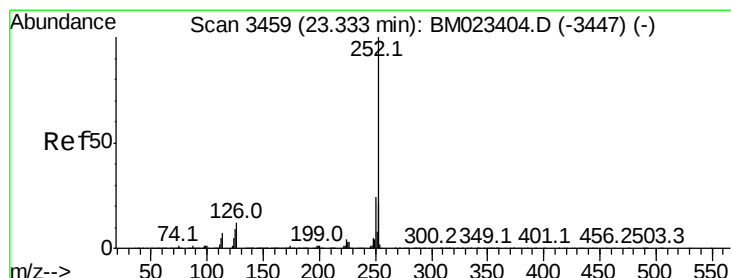
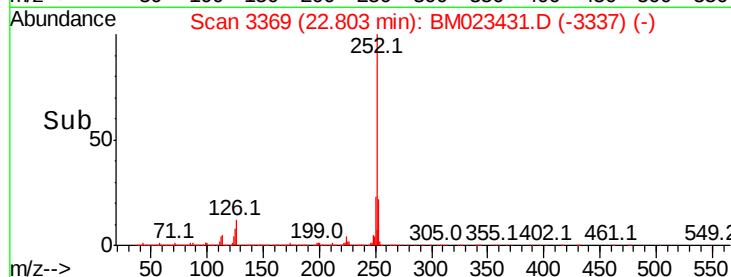
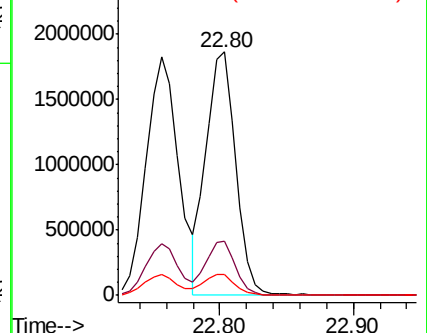
125 8.4 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.032 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

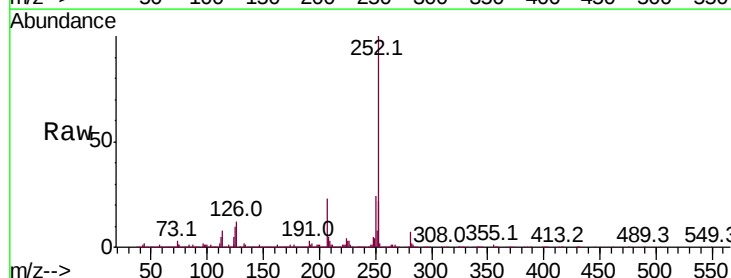
Tgt Ion:252 Resp: 2887574

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

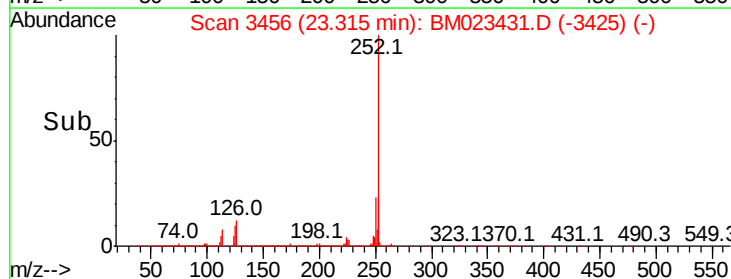
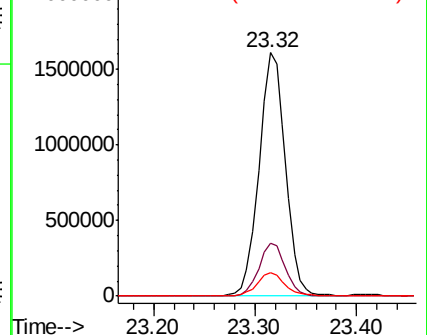
125 9.8 7.5 11.3

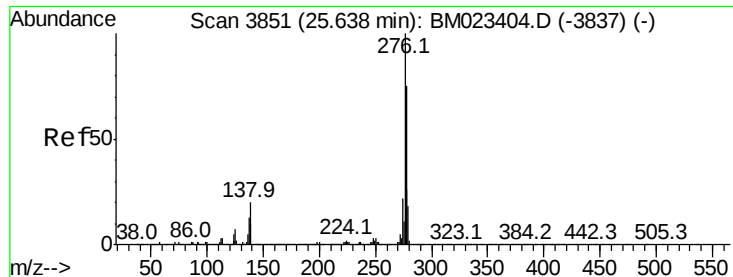


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



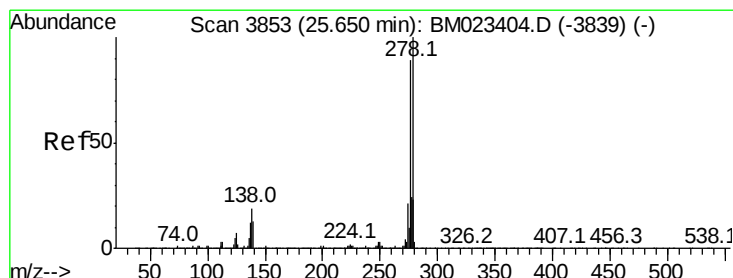
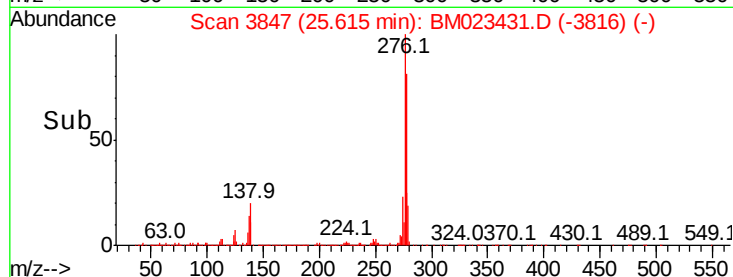
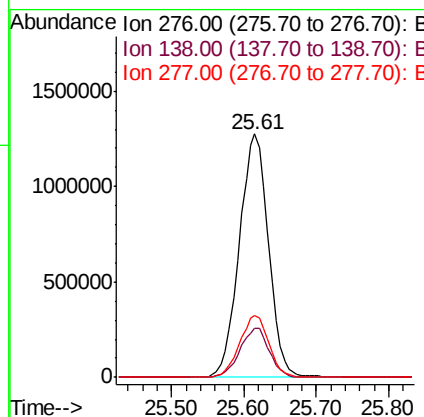
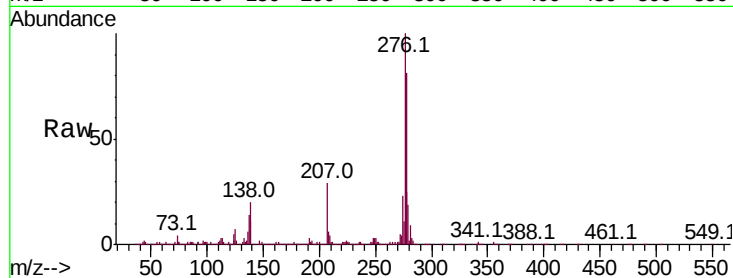


#92

Indeno(1,2,3-cd)pyrene
Concen: 22.837 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Instrument :
BNA_M
ClientSampleId :

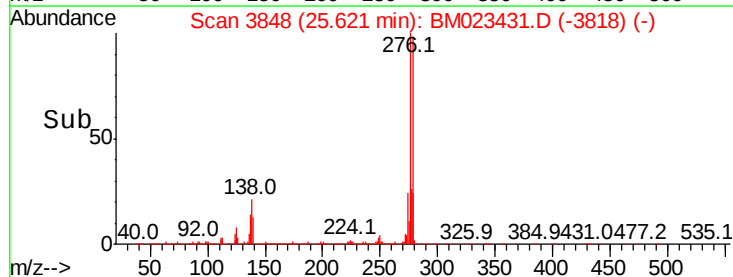
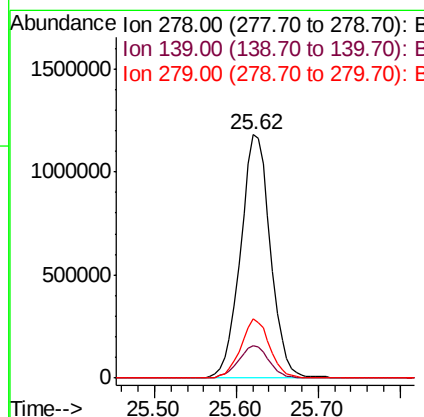
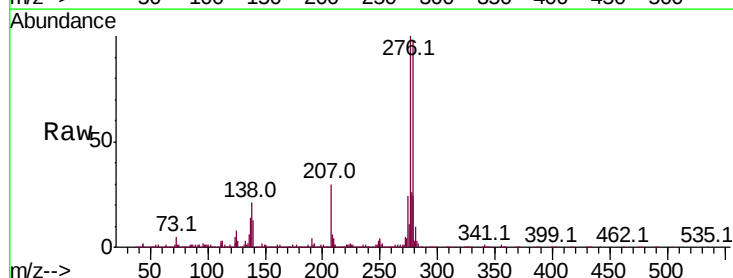
Tot Ion:276 Resp: 3564379
Ion Ratio Lower Upper
276 100
138 20.2 15.7 23.5
277 25.3 20.2 30.2

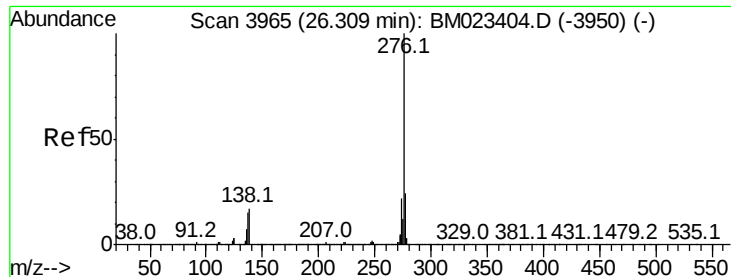


#93

Dibenzo(a,h)anthracene
Concen: 22.836 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BM023431.D
Acq: 28 Oct 2019 22:10

Tgt Ion:278 Resp: 3005320
Ion Ratio Lower Upper
278 100
139 13.6 10.9 16.3
279 24.3 18.7 28.1





#94

Benzo(a,h,i)perylene

Concen: 23.296 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BM023431.D

Acq: 28 Oct 2019 22:10

Instrument :

BNA_M

ClientSampleId :

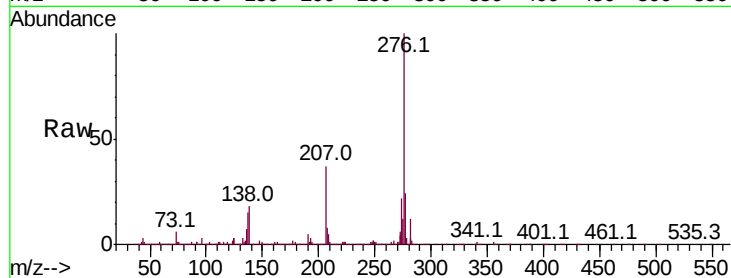
Tot Ion:276 Resp: 2958149

Ion Ratio Lower Upper

276 100

138 18.1 14.4 21.6

277 24.0 19.0 28.6



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

