

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023507.D
 Acq On : 31 Oct 2019 06:50
 Operator : JU
 Sample : K5487-16
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 10:29:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 31 06:46:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	439852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1812531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1140196	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2409516	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2380982	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2751557	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	52490	5.67	ng/uL	0.00
5) Phenol-d5	6.80	99	227804	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	463087	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	544047	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	391343	13.04	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	319236	23.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	351956	23.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	672313	22.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	20654	0.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	2319557	26.79	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2517397	25.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	104507	6.97	ng/ul	0.01
58) Fluorene-d10	15.26	176	1955044	26.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	308265	20.55	ng/ul	0.00
71) Anthracene-d10	17.11	188	3192960	28.04	ng/ul	0.00
79) Pyrene-d10	19.41	212	3491866	26.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	4118593	29.38	ng/ul	0.00

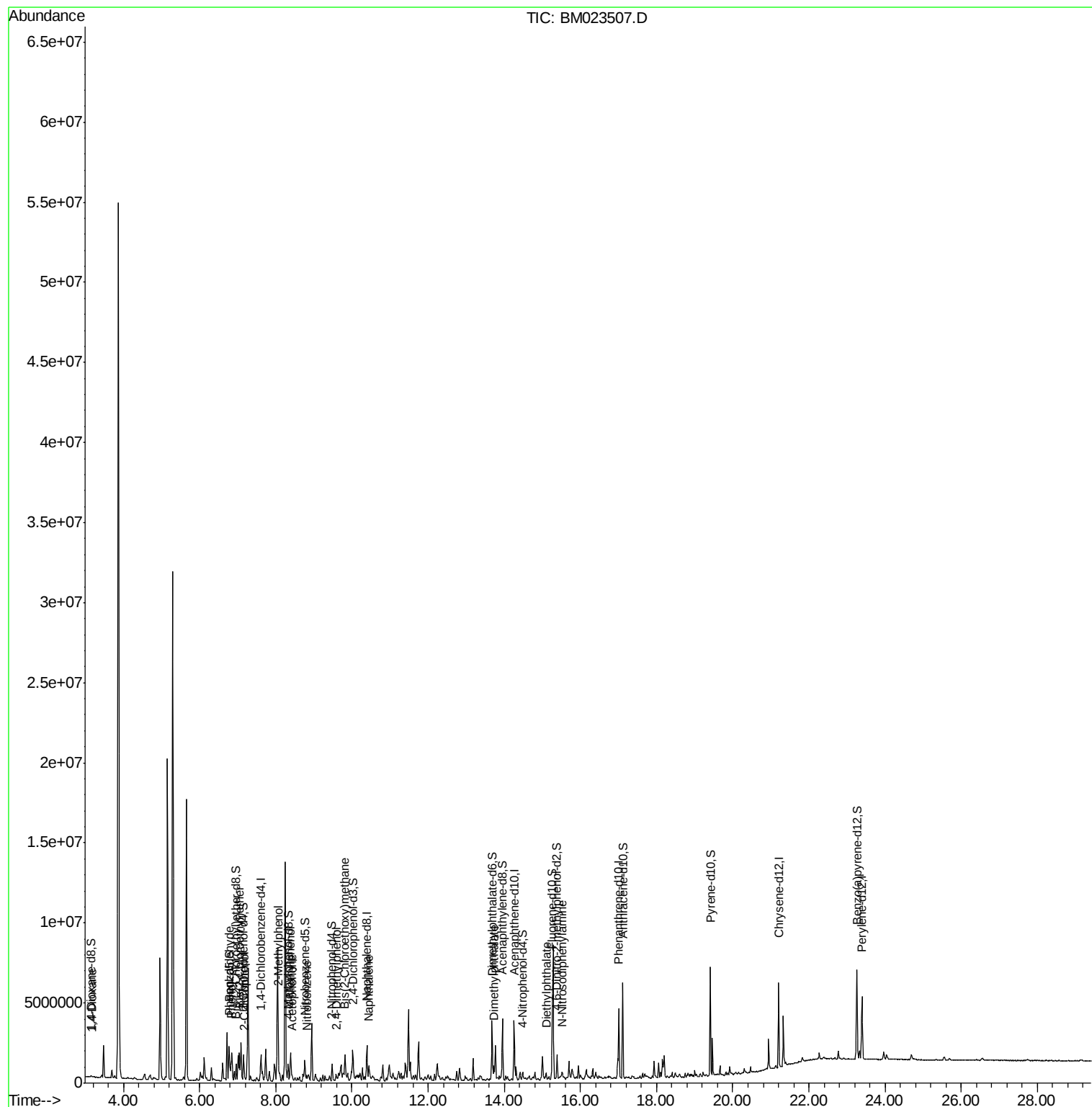
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.18	88	20421	2.072	ng/uL#	92
4) Benzaldehyde	6.77	77	214613	10.091	ng/ul#	1
6) Phenol	6.83	94	555853	14.612	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	916965	30.912	ng/ul	99
10) 2-Chlorophenol	7.19	128	98804	3.266	ng/ul	96
11) 2-Methylphenol	8.07	108	280199	9.633	ng/ul	95
14) Acetophenone	8.43	105	204224	4.357	ng/ul#	77
16) 4-Methylphenol	8.39	108	678859	21.289	ng/ul	89
20) Nitrobenzene	8.81	77	37494	1.122	ng/ul#	51
24) 2,4-Dimethylphenol	9.59	107	143193	4.192	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	190457	4.625	ng/ul#	1
28) Naphthalene	10.44	128	699477	7.529	ng/ul	100
45) Dimethylphthalate	13.73	163	564689	6.496	ng/ul	99
57) Diethylphthalate	15.10	149	256185	2.921	ng/ul	99
65) N-Nitrosodiphenylamine	15.53	169	131378	1.728	ng/ul	95

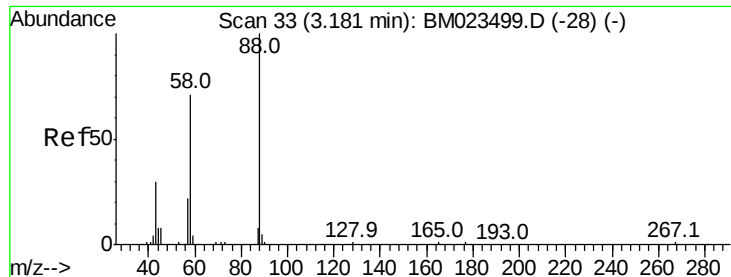
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 31 10:29:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 31 06:46:10 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.072 ng/uL

RT: 3.18 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

Instrument :

BNA_M

ClientSampleId :

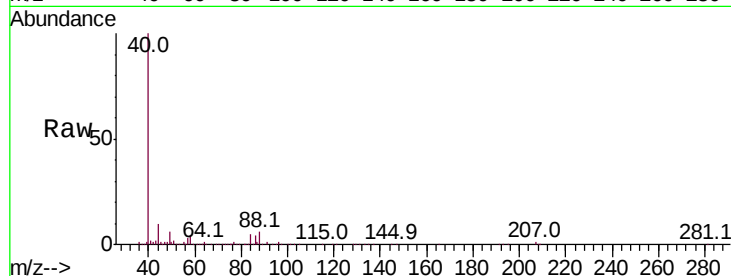
Tot Ion: 88 Resp: 20421

Ion Ratio Lower Upper

88 100

43 44.0 26.3 39.5#

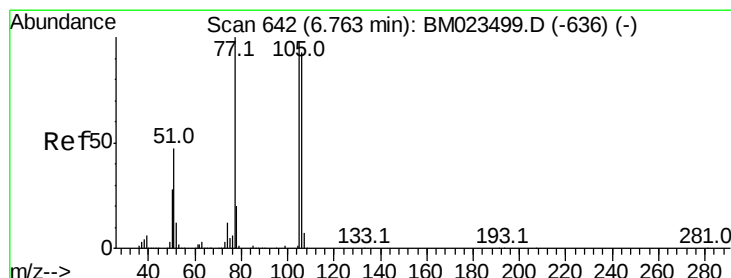
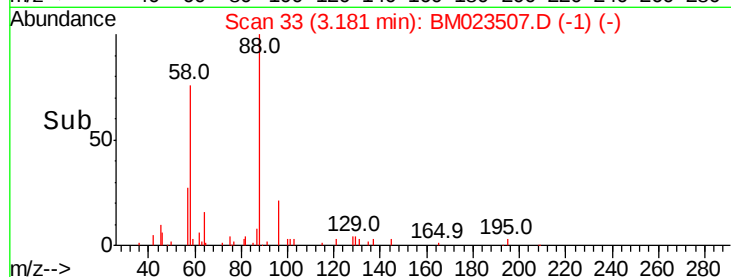
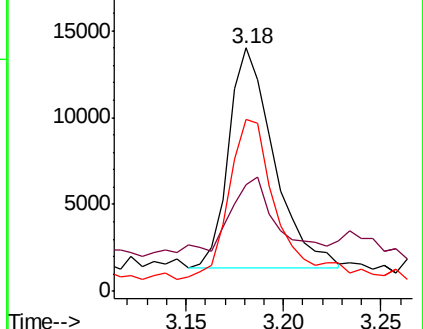
58 70.4 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): BM023499.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM023499.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM023499.D (-28) (-)



#4

Benzaldehyde

Concen: 10.091 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

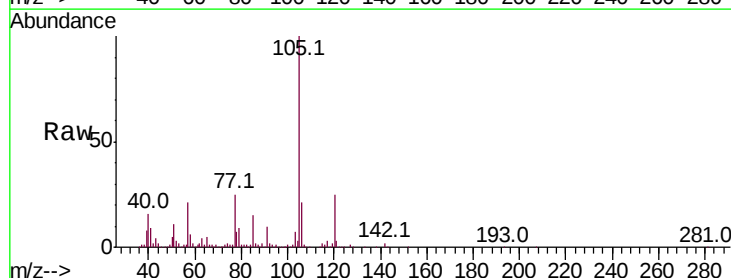
Tgt Ion: 77 Resp: 214613

Ion Ratio Lower Upper

77 100

105 403.8 75.4 113.2#

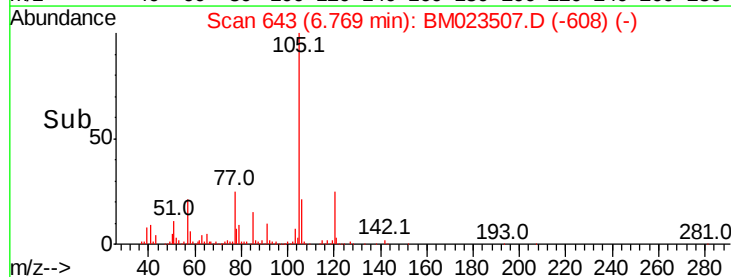
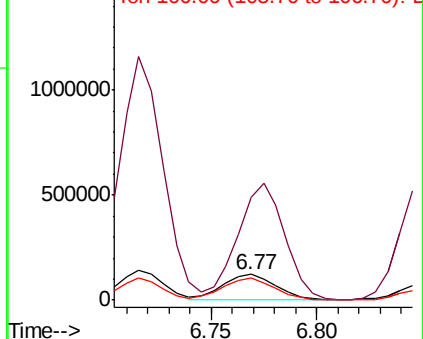
106 86.1 71.3 106.9

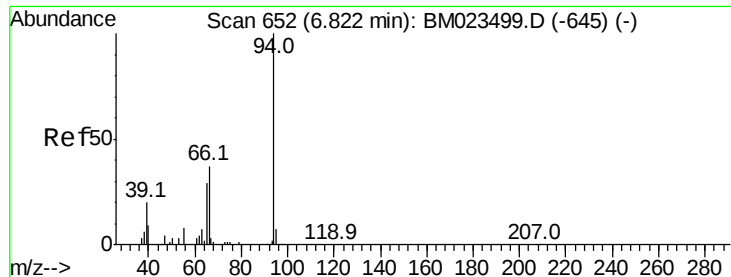


Abundance Ion 77.00 (76.70 to 77.70): BM023499.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM023499.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM023499.D (-636) (-)





#6

Phenol

Concen: 14.612 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

Instrument :

BNA_M

ClientSampleId :

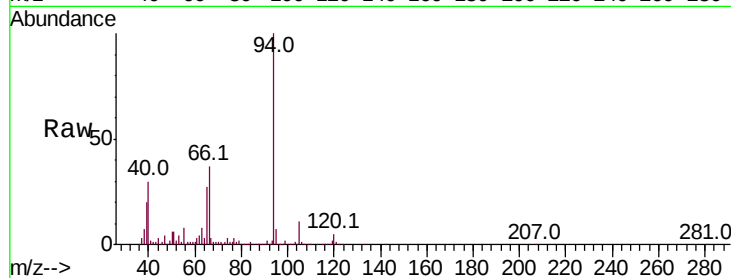
Tot Ion: 94 Resp: 555853

Ion Ratio Lower Upper

94 100

65 27.4 22.9 34.3

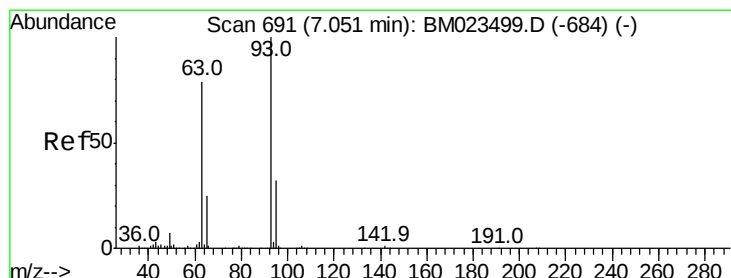
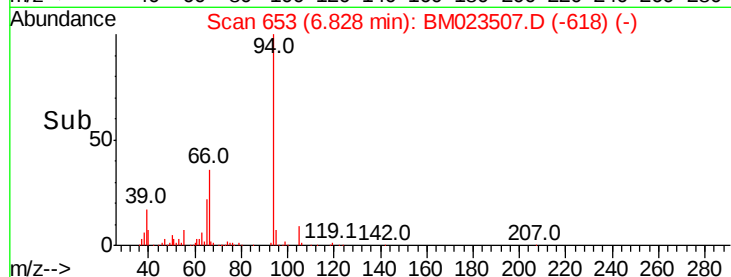
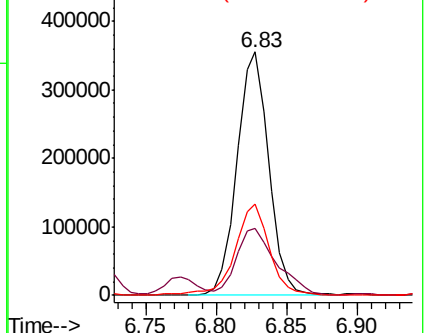
66 37.3 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023507.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM023507.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM023507.D (-652) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 30.912 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

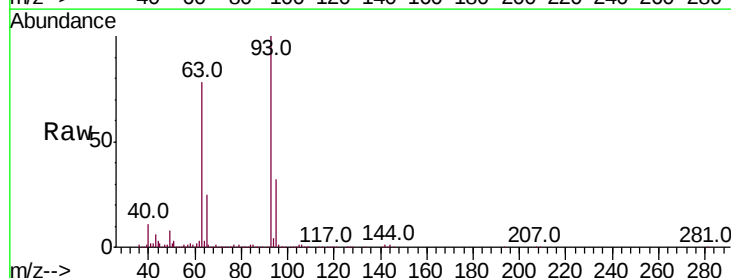
Tgt Ion: 93 Resp: 916965

Ion Ratio Lower Upper

93 100

63 77.6 61.4 92.0

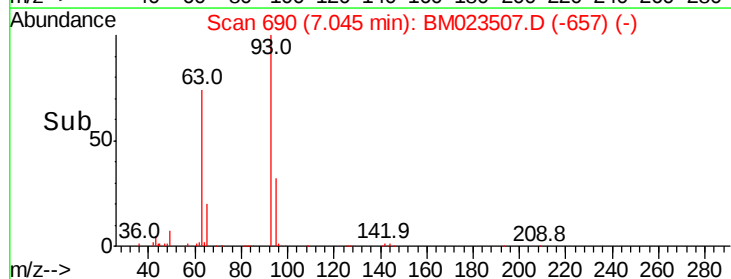
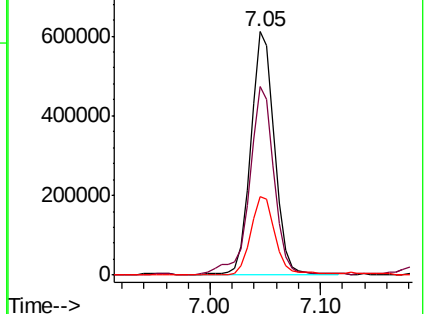
95 32.4 26.1 39.1

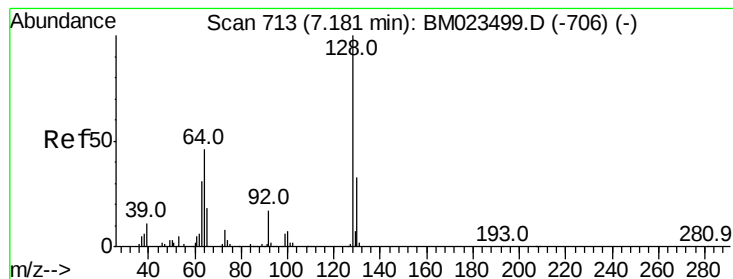


Abundance Ion 93.00 (92.70 to 93.70): BM023507.D (-687) (-)

Ion 63.00 (62.70 to 63.70): BM023507.D (-687) (-)

Ion 95.00 (94.70 to 95.70): BM023507.D (-687) (-)





#10

2-Chlorophenol

Concen: 3.266 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

Instrument :

BNA_M

ClientSampleId :

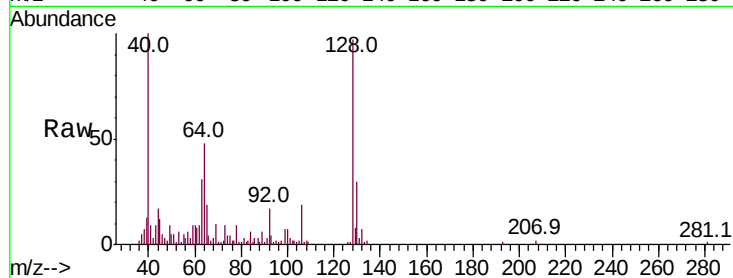
Tot Ion:128 Resp: 98804

Ion Ratio Lower Upper

128 100

64 49.7 37.3 55.9

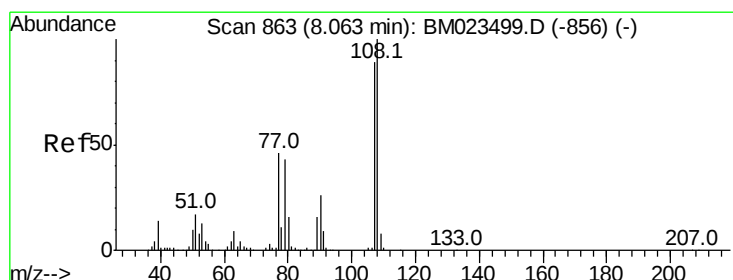
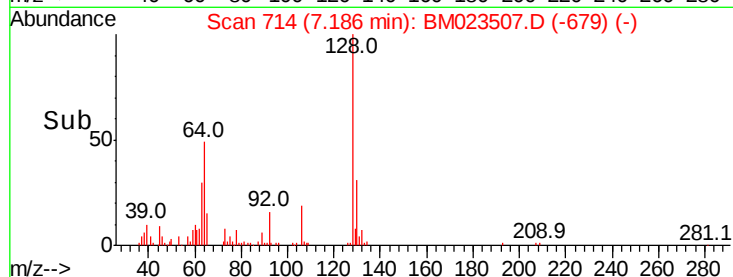
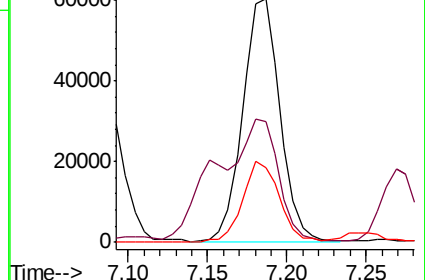
130 30.6 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 9.633 ng/ul

RT: 8.07 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM023507.D

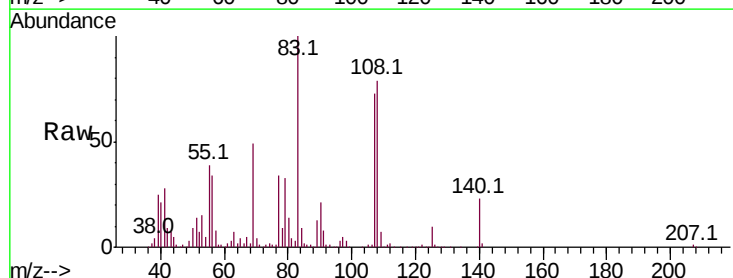
Acq: 31 Oct 2019 06:50

Tgt Ion:108 Resp: 280199

Ion Ratio Lower Upper

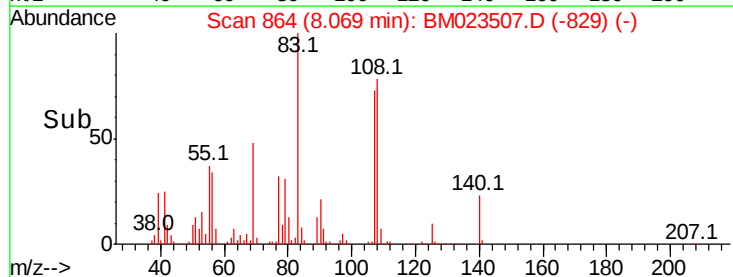
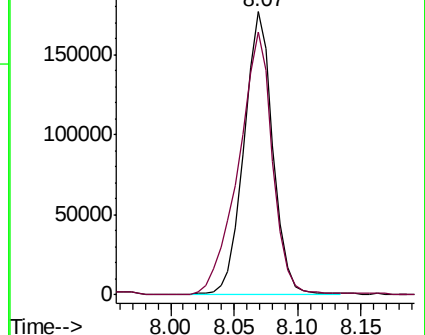
108 100

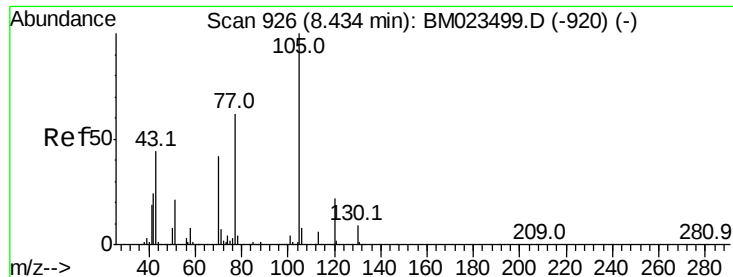
107 93.0 70.6 106.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 4.357 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

Instrument :

BNA_M

ClientSampleId :

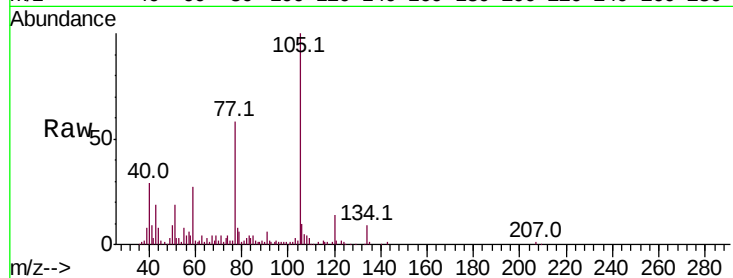
Tot Ion:105 Resp: 204224

Ion Ratio Lower Upper

105 100

77 58.0 64.8 97.2#

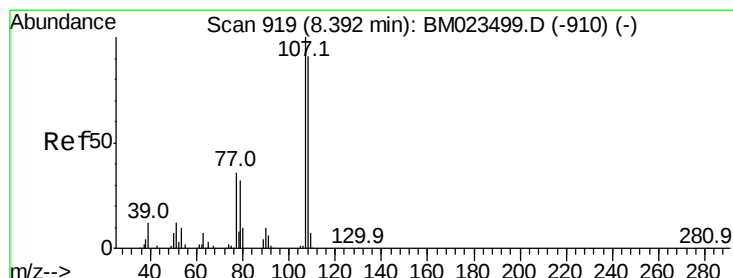
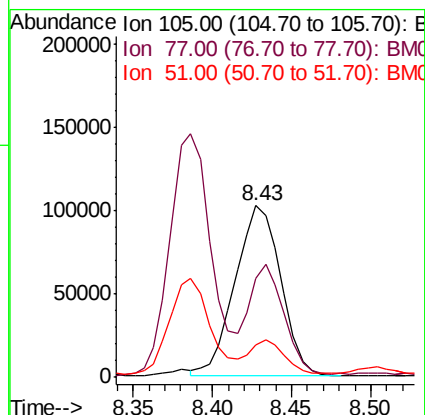
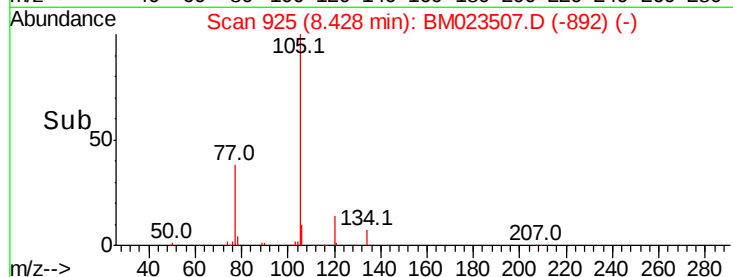
51 19.0 21.3 31.9#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 21.289 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BM023507.D

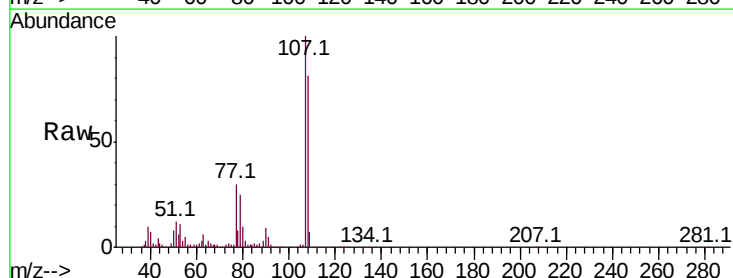
Acq: 31 Oct 2019 06:50

Tgt Ion:108 Resp: 678859

Ion Ratio Lower Upper

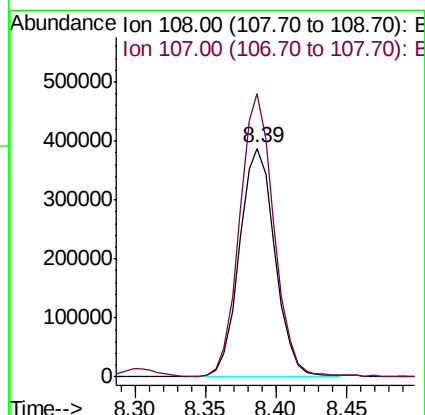
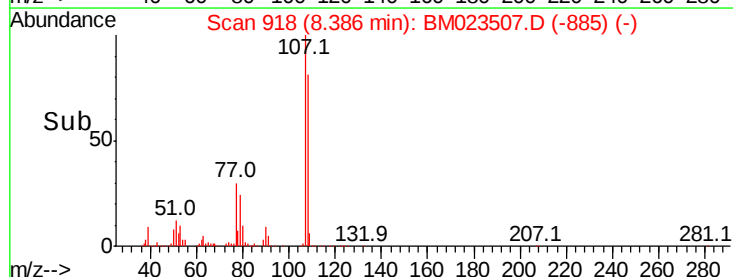
108 100

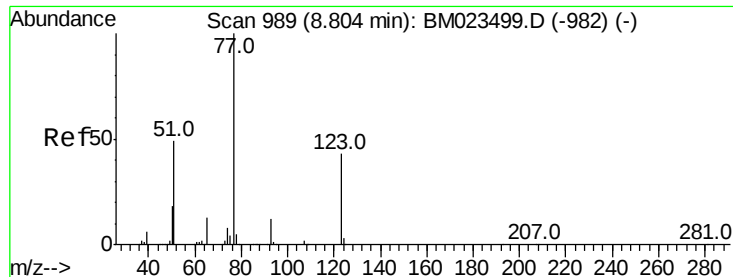
107 123.7 89.7 134.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

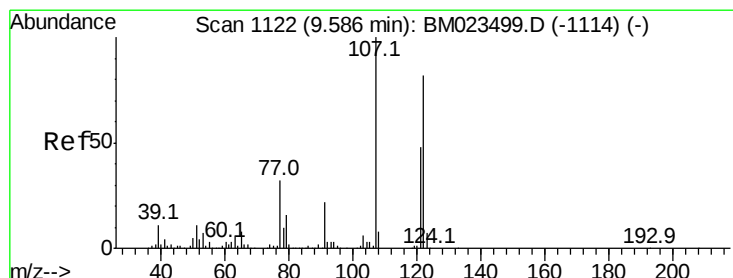
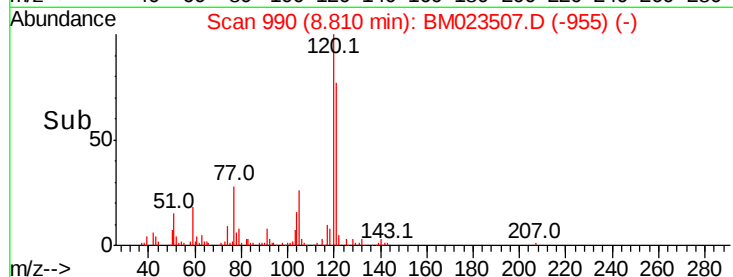
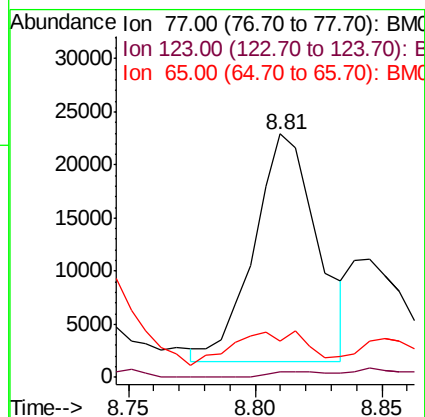
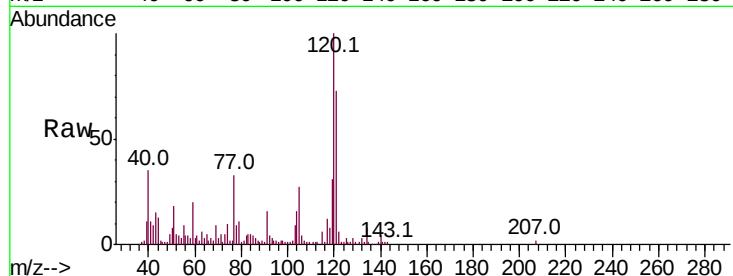




#20
Nitrobenzene
Concen: 1.122 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. 0.01 min
Lab File: BM023507.D
Acq: 31 Oct 2019 06:50

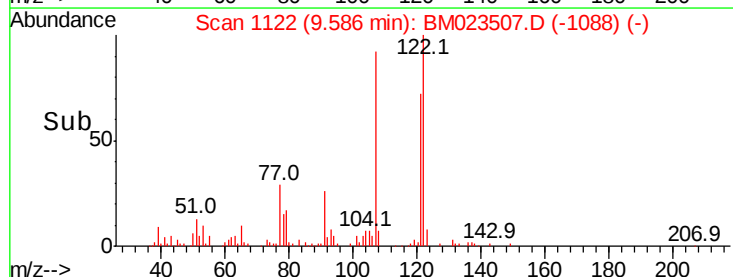
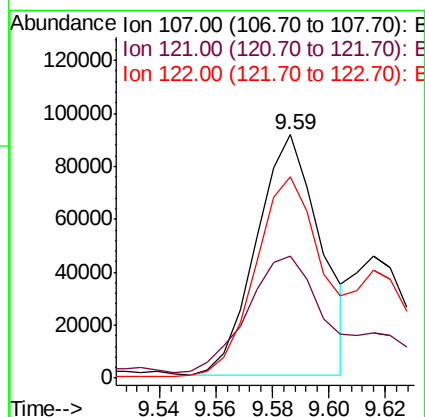
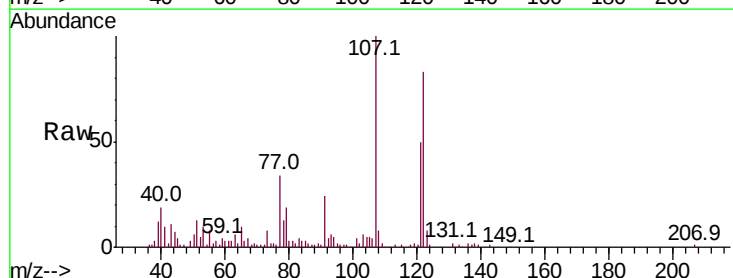
Instrument :
BNA_M
ClientSampled :

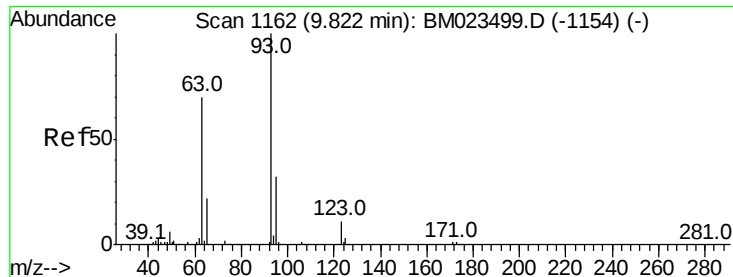
Tot Ion	Ratio	Lower	Upper
77	100		
123	2.0	34.8	52.2#
65	15.1	11.4	17.0



#24
2,4-Dimethylphenol
Concen: 4.192 ng/ul
RT: 9.59 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BM023507.D
Acq: 31 Oct 2019 06:50

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.1	39.8	59.8
122	82.8	66.4	99.6





#25

Bis(2-Chloroethoxy)methane

Concen: 4.625 ng/ul

RT: 9.82 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

Instrument :

BNA_M

ClientSampleId :

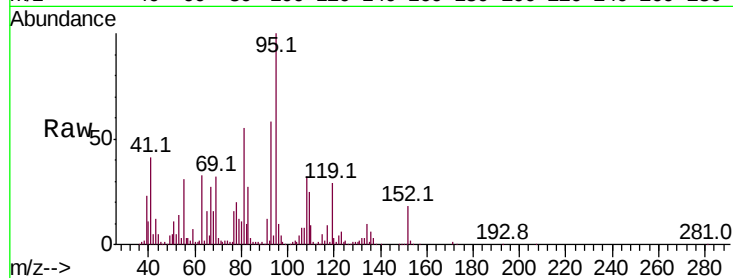
Tot Ion: 93 Resp: 190457

Ion Ratio Lower Upper

93 100

95 172.7 25.1 37.7#

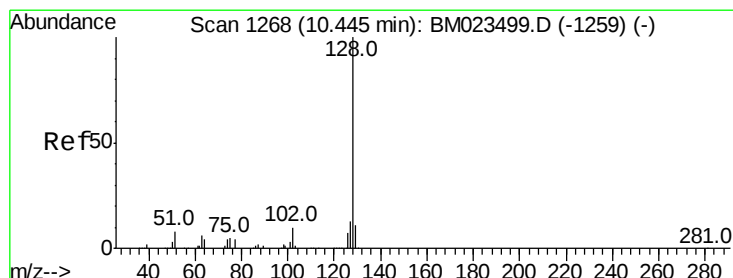
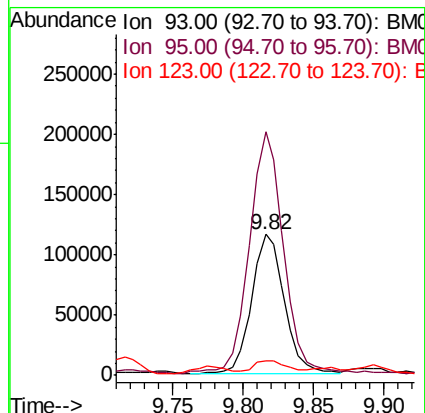
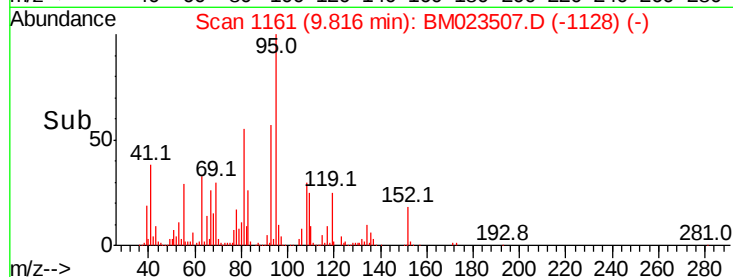
123 10.7 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BM023499.D (-1154) (-)

Ion 95.00 (94.70 to 95.70): BM023499.D (-1154) (-)

Ion 123.00 (122.70 to 123.70): BM023499.D (-1154) (-)



#28

Naphthalene

Concen: 7.529 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM023507.D

Acq: 31 Oct 2019 06:50

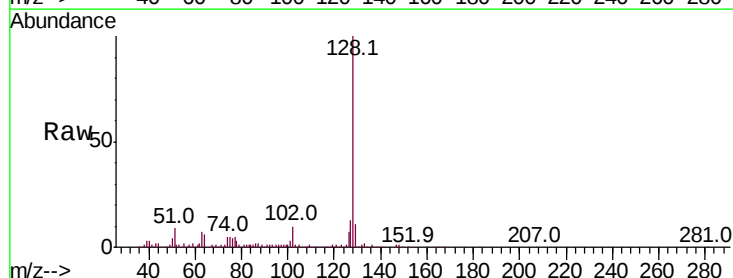
Tgt Ion:128 Resp: 699477

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

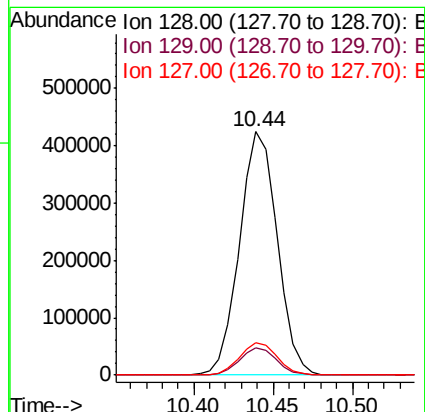
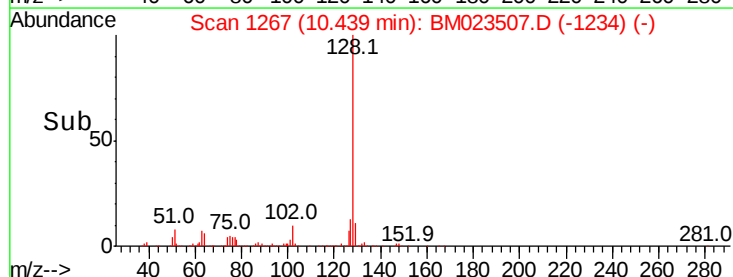
127 13.1 10.4 15.6

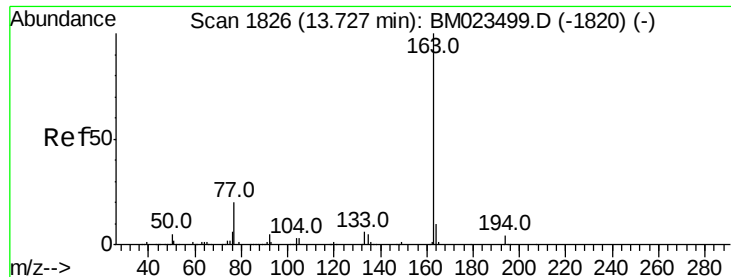


Abundance Ion 128.00 (127.70 to 128.70): BM023499.D (-1259) (-)

Ion 129.00 (128.70 to 129.70): BM023499.D (-1259) (-)

Ion 127.00 (126.70 to 127.70): BM023499.D (-1259) (-)

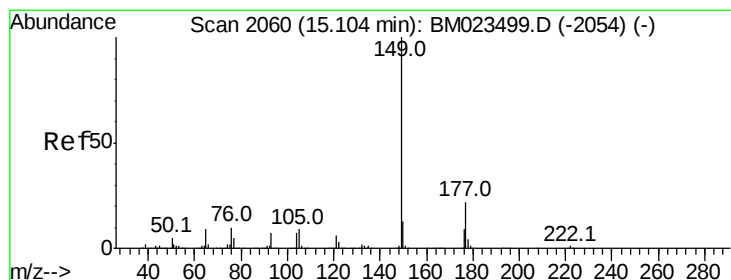
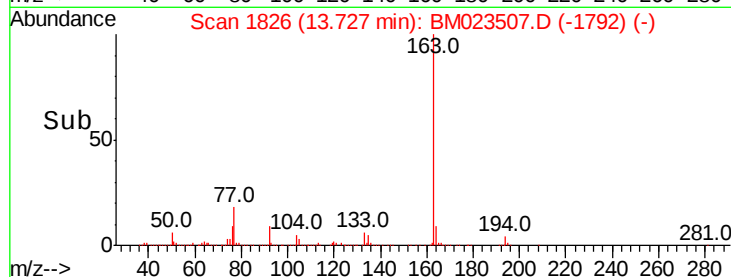
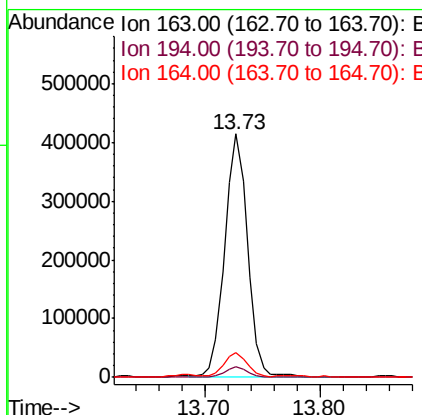
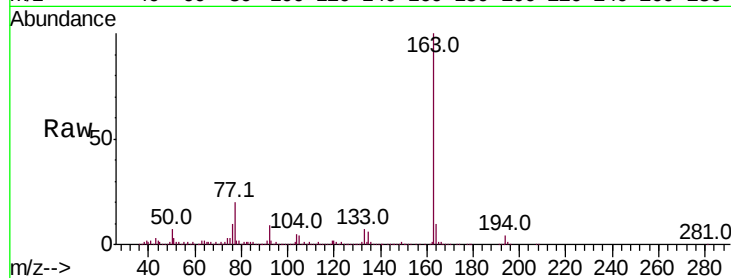




#45
Dimethylphthalate
Concen: 6.496 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM023507.D
Acq: 31 Oct 2019 06:50

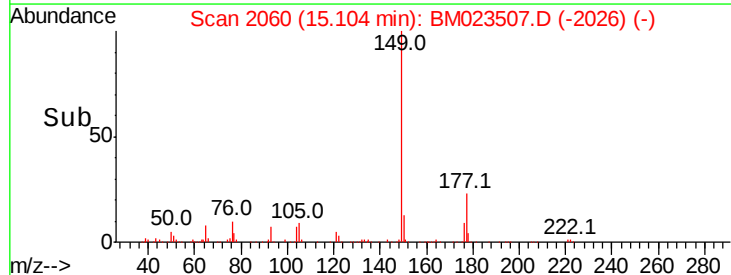
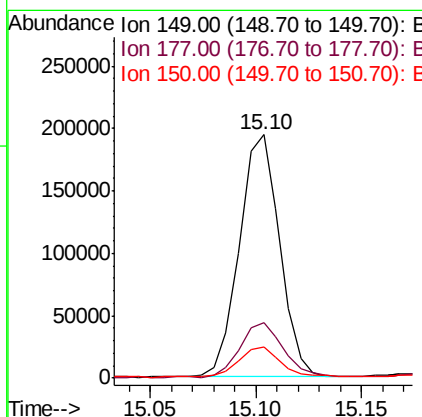
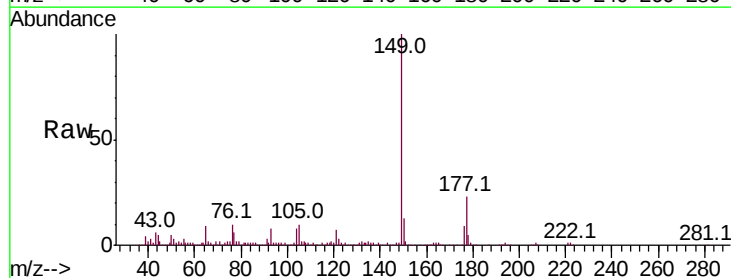
Instrument :
BNA_M
ClientSampled :

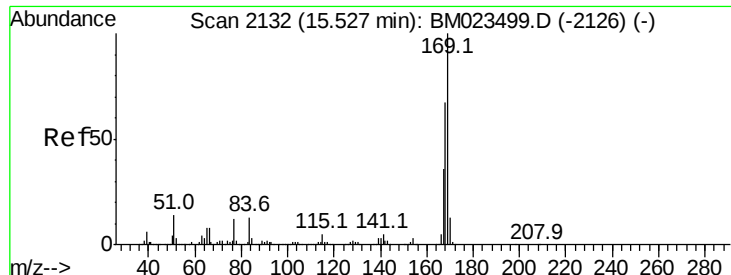
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.2	7.9	11.9



#57
Diethylphthalate
Concen: 2.921 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM023507.D
Acq: 31 Oct 2019 06:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	13.0	10.3	15.5

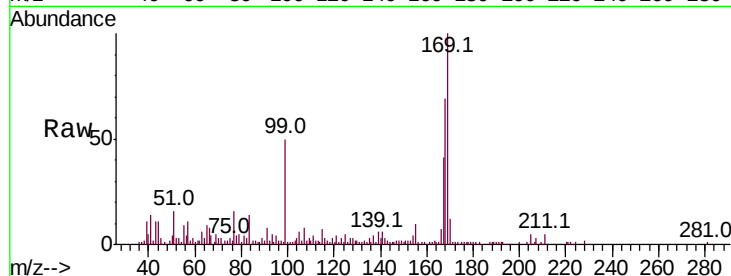




#65
 N-Nitrosodiphenylamine
 Concen: 1.728 ng/ul
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BM023507.D
 Acq: 31 Oct 2019 06:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.6	80.4
167	40.7	29.0	43.4



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

