

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023440.D
 Acq On : 29 Oct 2019 13:33
 Operator : JU
 Sample : K5423-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE4H1

Quant Time: Oct 29 18:46:27 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	7.62	152	454647	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1841761	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1124212	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2273286	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2330762	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2781400	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	56168	5.87	ng/uL	0.00
5) Phenol-d5	6.81	99	278556	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	604522	27.01	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	694475	23.27	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	466074	15.03	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	399352	28.80	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	439126	28.55	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	773160	25.57	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	26331	0.76	ng/ul	-0.03
44) Dimethylphthalate-d6	13.69	166	2445287	28.64	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2842734	29.07	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.50	143	93943	6.35	ng/ul	0.00
58) Fluorene-d10	15.27	176	2075225	28.70	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	323751	22.88	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3245613	30.21	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3501467	27.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4188784	29.56	ng/ul	-0.01

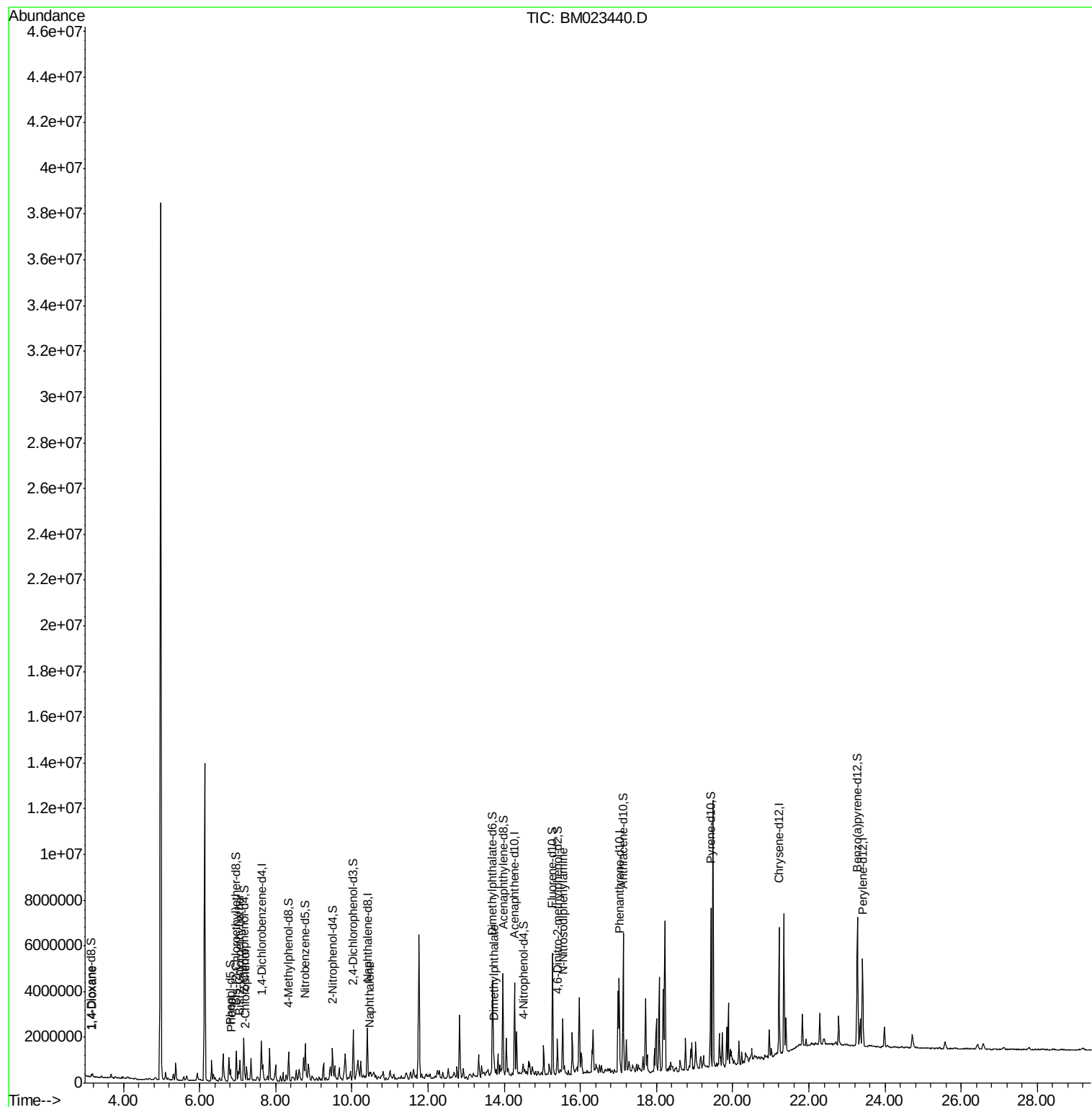
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.19	88	60799	5.969	ng/uL	98
6) Phenol	6.83	94	46123	1.173	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	457641	14.926	ng/ul	99
10) 2-Chlorophenol	7.19	128	64091	2.049	ng/ul	91
28) Naphthalene	10.45	128	123683	1.310	ng/ul	98
45) Dimethylphthalate	13.74	163	226856	2.647	ng/ul#	98
65) N-Nitrosodiphenylamine	15.54	169	712006	9.929	ng/ul	100

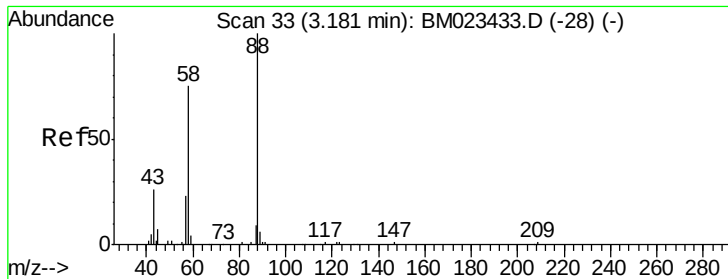
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.969 ng/uL

RT: 3.19 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM023440.D

Acq: 29 Oct 2019 13:33

Instrument :

BNA_M

ClientSampleId :

BE4H1

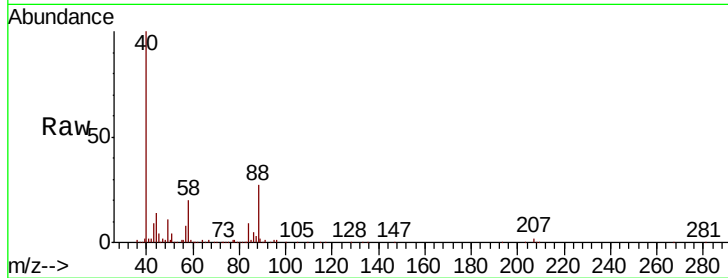
Tot Ion: 88 Resp: 60799

Ion Ratio Lower Upper

88 100

43 32.7 26.3 39.5

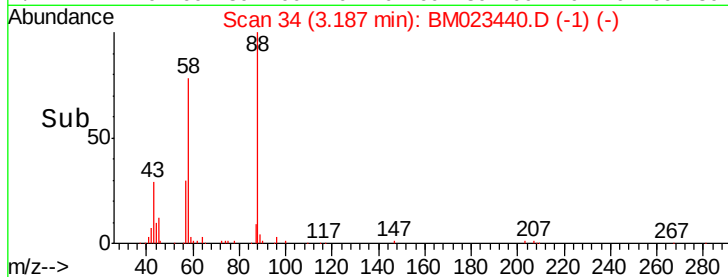
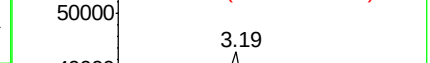
58 75.1 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): BM023433.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM023433.D (-28) (-)

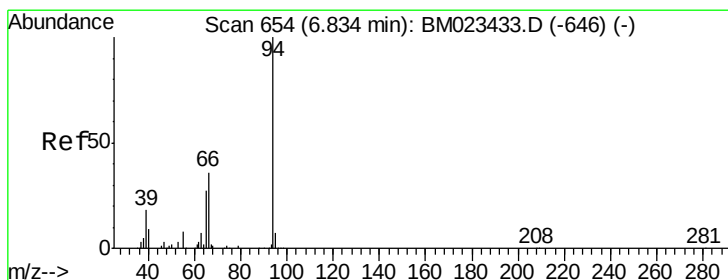
Ion 58.00 (57.70 to 58.70): BM023433.D (-28) (-)



Abundance Ion 88.00 (87.70 to 88.70): BM023440.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM023440.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM023440.D (-1) (-)



#6

Phenol

Concen: 1.173 ng/uL

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023440.D

Acq: 29 Oct 2019 13:33

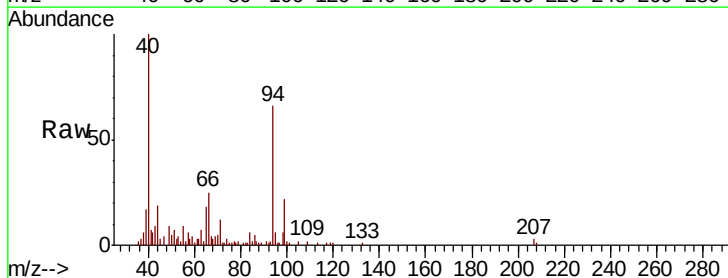
Tgt Ion: 94 Resp: 46123

Ion Ratio Lower Upper

94 100

65 27.4 22.9 34.3

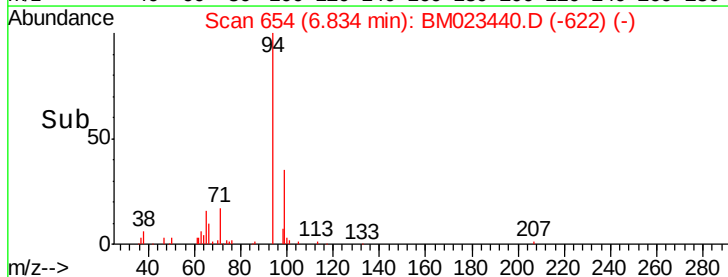
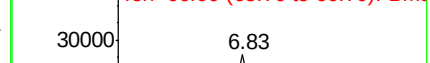
66 38.7 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023433.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM023433.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM023433.D (-646) (-)

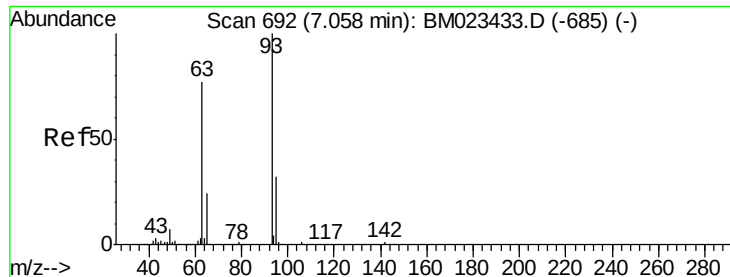


Abundance Ion 94.00 (93.70 to 94.70): BM023440.D (-622) (-)

Ion 65.00 (64.70 to 65.70): BM023440.D (-622) (-)

Ion 66.00 (65.70 to 66.70): BM023440.D (-622) (-)



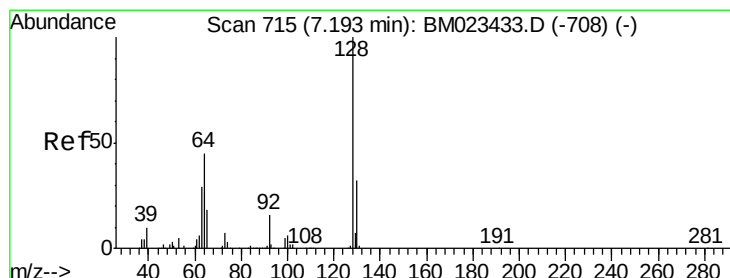
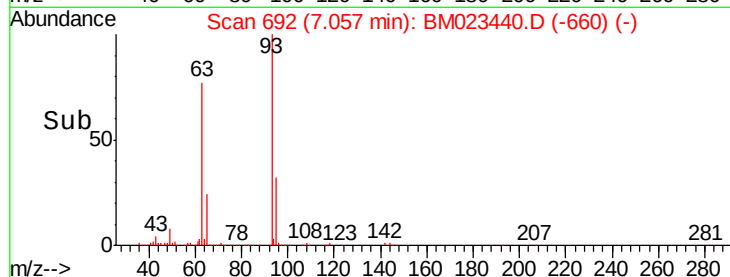
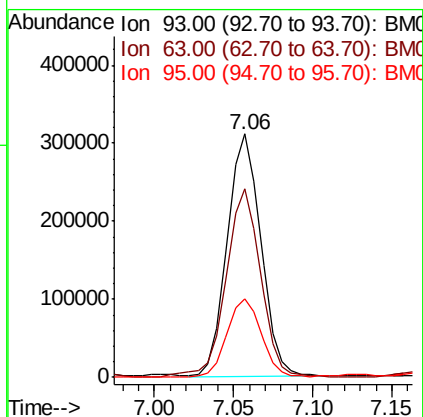
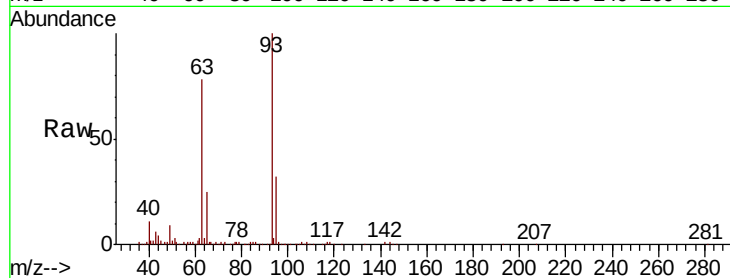


#8

Bis(2-Chloroethyl)ether
 Concen: 14.926 ng/ul
 RT: 7.06 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BM023440.D
 Acq: 29 Oct 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 BE4H1

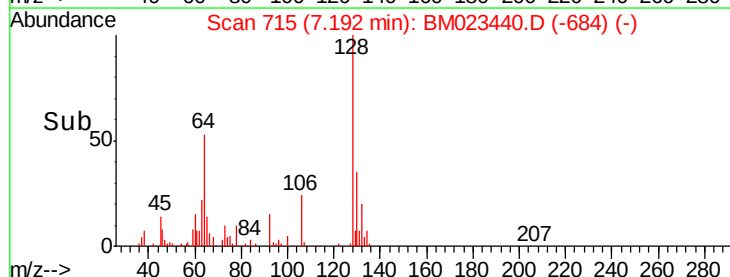
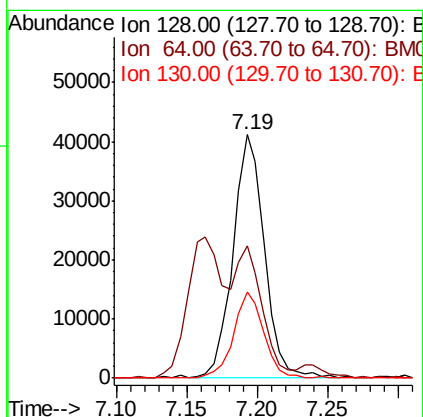
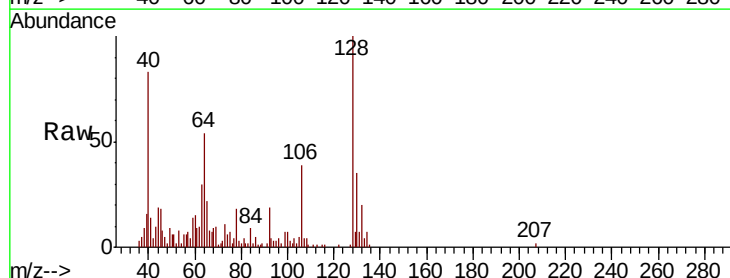
Tot Ion	93	Resp	457641
Ion	Ratio	Lower	Upper
93	100		
63	77.6	61.4	92.0
95	32.2	26.1	39.1

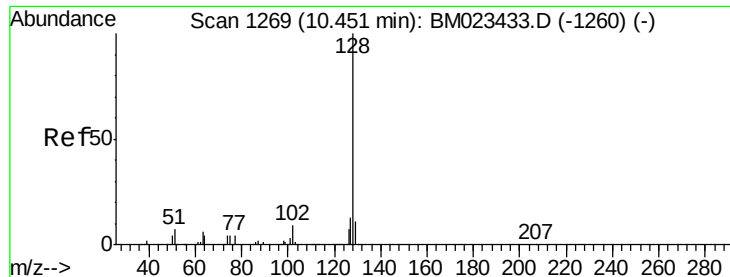


#10

2-Chlorophenol
 Concen: 2.049 ng/ul
 RT: 7.19 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BM023440.D
 Acq: 29 Oct 2019 13:33

Tgt Ion	128	Resp	64091
Ion	Ratio	Lower	Upper
128	100		
64	54.1	37.3	55.9
130	35.5	26.0	39.0





#28

Naphthalene

Concen: 1.310 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BM023440.D

Acq: 29 Oct 2019 13:33

Instrument :

BNA_M

ClientSampled :

BE4H1

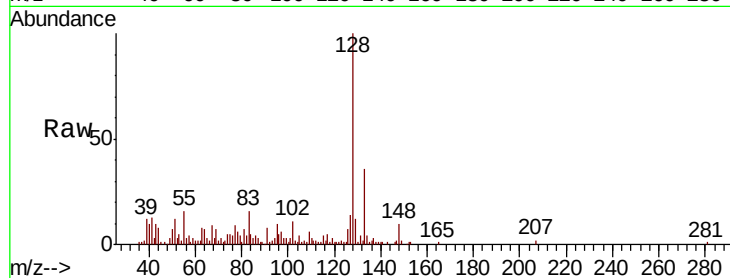
Tot Ion:128 Resp: 123683

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

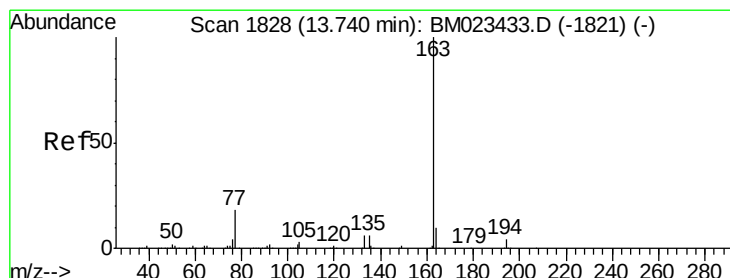
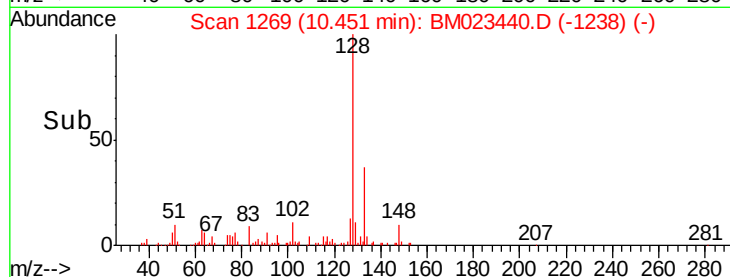
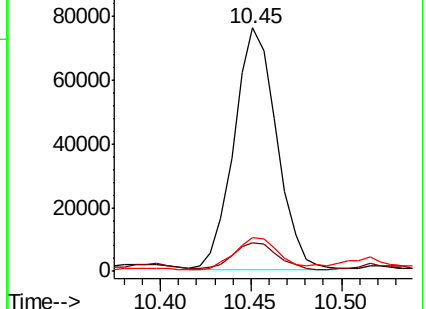
127 13.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 2.647 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM023440.D

Acq: 29 Oct 2019 13:33

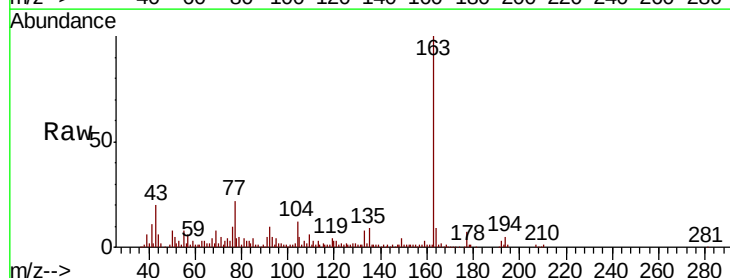
Tgt Ion:163 Resp: 226856

Ion Ratio Lower Upper

163 100

194 5.2 3.3 4.9#

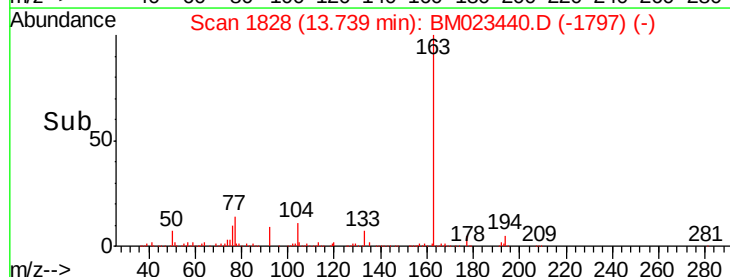
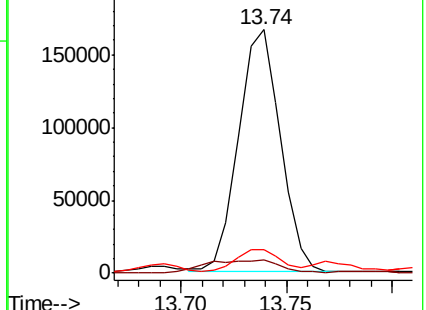
164 9.4 7.9 11.9

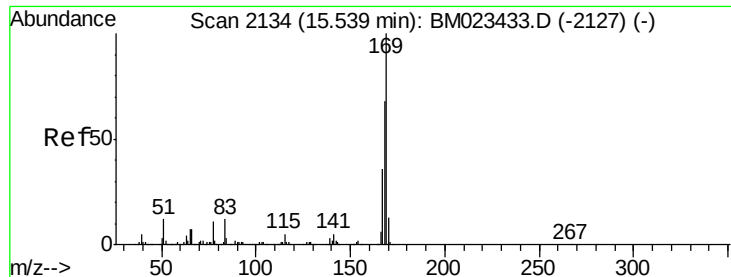


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#65
 N-Nitrosodiphenylamine
 Concen: 9.929 ng/ul
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM023440.D
 Acq: 29 Oct 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 BE4H1

Tot Ion:	169	Resp:	712006
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.6	80.4
167	36.0	29.0	43.4

