

Data File : BM024242.D
Acq On : 24 Dec 2019 07:32
Operator : JU
Sample : K6236-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFEW0

Quant Time: Dec 24 08:14:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 05:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	326805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1368158	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	881477	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1690311	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1447557	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1708838	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	27485	3.72	ng/uL	0.00
5) Phenol-d5	6.63	99	440559	14.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	376593	20.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	355137	16.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	132924	5.25	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	192964	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	176769	16.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	306662	14.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	321703	12.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1302590	19.98	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1593502	20.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	24908	2.13	ng/ul	-0.02
58) Fluorene-d10	15.10	176	1184759	20.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	59863	5.81	ng/ul	0.02
71) Anthracene-d10	16.96	188	1632210	21.22	ng/ul	0.00
79) Pyrene-d10	19.26	212	1719425	24.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1856502	21.87	ng/ul	0.00

Target Compounds

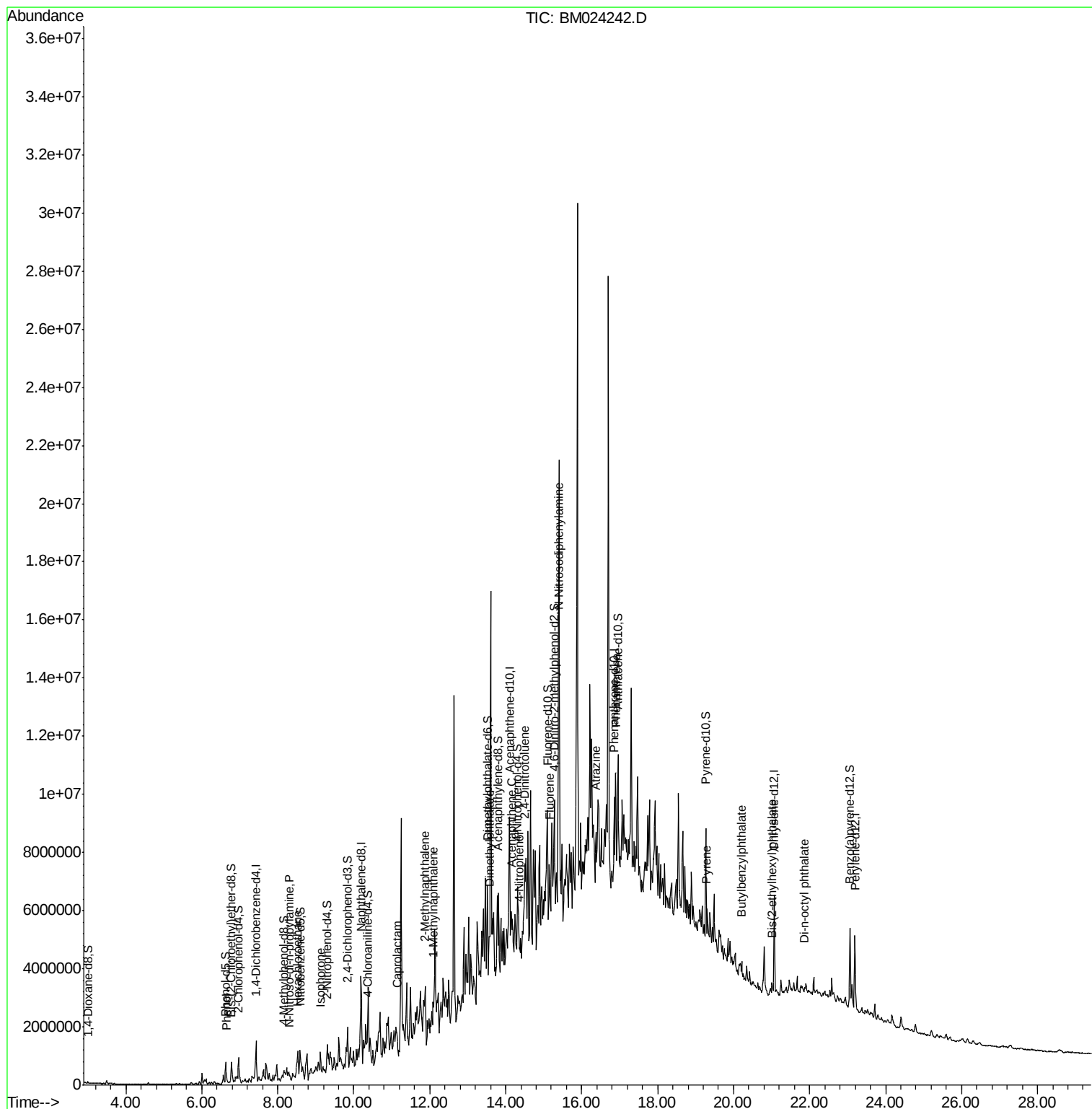
						Qvalue
6) Phenol	6.65	94	64000	2.003	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.30	70	40130	1.904	ng/ul#	72
17) Hexachloroethane	8.53	117	50704	5.427	ng/ul#	10
21) Isophorone	9.12	82	70430	1.379	ng/ul#	1
32) Caprolactam	11.14	113	8516	1.096	ng/ul#	1
34) 2-Methylnaphthalene	11.87	142	202332	3.948	ng/ul	96
35) 1-Methylnaphthalene	12.10	142	207229	3.962	ng/ul#	93
45) Dimethylphthalate	13.57	163	197013	2.908	ng/ul#	93
50) Acenaphthene	14.16	153	97276	1.706	ng/ul#	86
53) 4-Nitrophenol	14.36	109	18388	1.970	ng/ul#	5
55) 2,4-Dinitrotoluene	14.51	165	60997	3.027	ng/ul#	83
59) Fluorene	15.16	166	307668	4.596	ng/ul#	79
65) N-Nitrosodiphenylamine	15.38	169	597586	12.159	ng/ul#	47
68) Atrazine	16.36	200	38960	2.133	ng/ul#	58
70) Phenanthrene	16.90	178	1060757	11.209	ng/ul#	94
80) Pyrene	19.29	202	136157	1.441	ng/ul#	95
81) Butylbenzylphthalate	20.22	149	84076	2.258	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.01	149	130544	2.353	ng/ul#	95
87) Di-n-octyl phthalate	21.87	149	99391	1.076	ng/ul	100

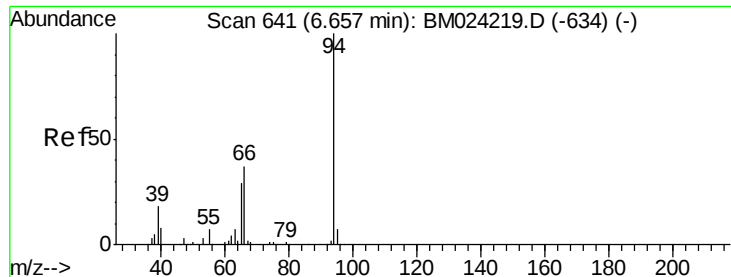
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.003 ng/ul

RT: 6.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Instrument :

BNA_M

ClientSampled :

BFEW0

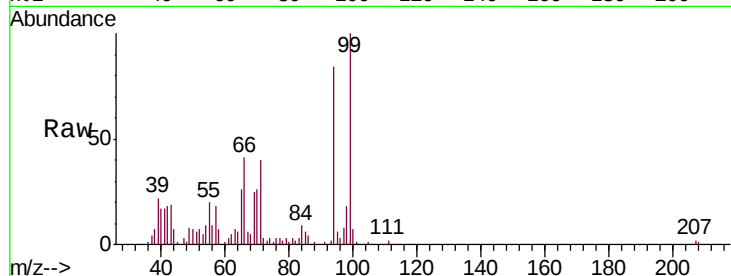
Tgt Ion: 94 Resp: 64000

Ion Ratio Lower Upper

94 100

65 31.2 22.6 33.8

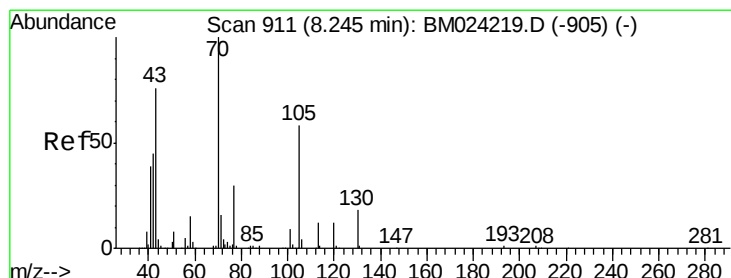
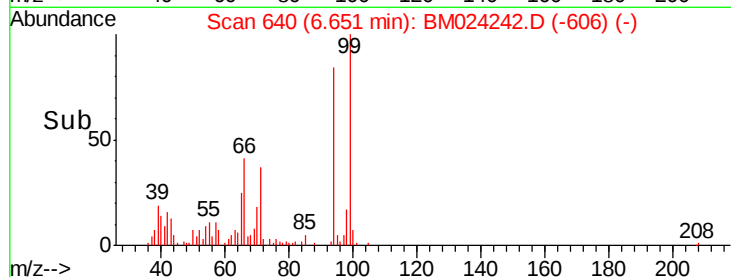
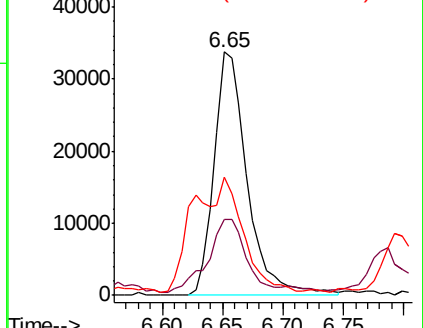
66 48.4 30.7 46.1#



Abundance Ion 94.00 (93.70 to 94.70): BM024219.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM024219.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM024219.D (-634) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.904 ng/ul

RT: 8.30 min Scan# 920

Delta R.T. 0.05 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Tgt Ion: 70 Resp: 40130

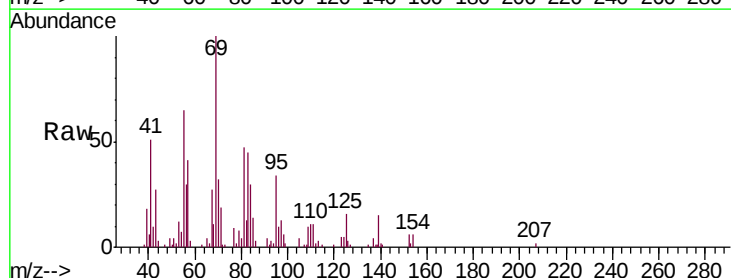
Ion Ratio Lower Upper

70 100

42 30.9 36.2 54.4#

101 0.0 7.7 11.5#

130 0.0 15.3 22.9#

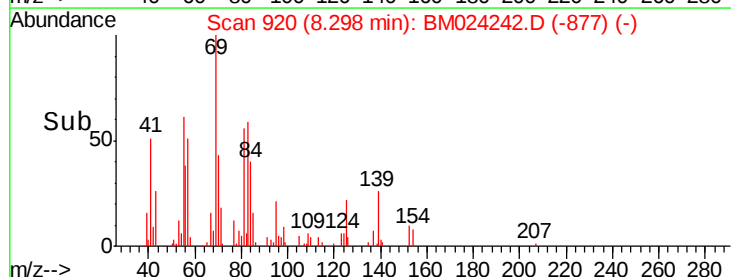
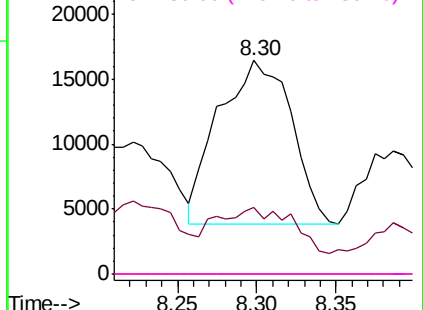


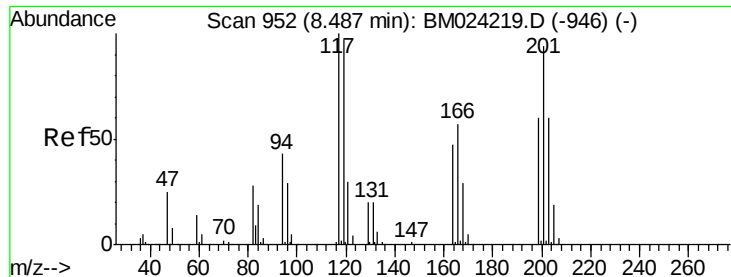
Abundance Ion 70.00 (69.70 to 70.70): BM024219.D (-905) (-)

Ion 42.00 (41.70 to 42.70): BM024219.D (-905) (-)

Ion 101.00 (100.70 to 101.70): BM024219.D (-905) (-)

Ion 130.00 (129.70 to 130.70): BM024219.D (-905) (-)





#17

Hexachloroethane

Concen: 5.427 ng/ul

RT: 8.53 min Scan# 959

Delta R.T. 0.04 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Instrument :

BNA_M

ClientSampleId :

BFEW0

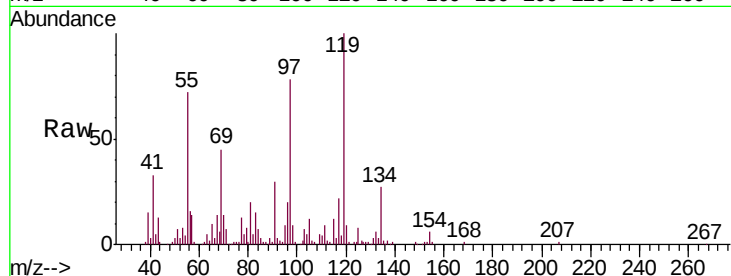
Tgt Ion:117 Resp: 50704

Ion Ratio Lower Upper

117 100

201 0.0 74.8 112.2#

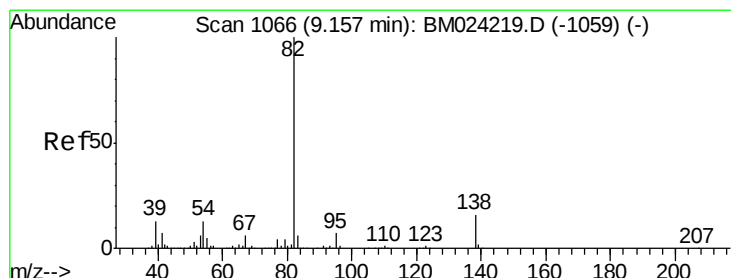
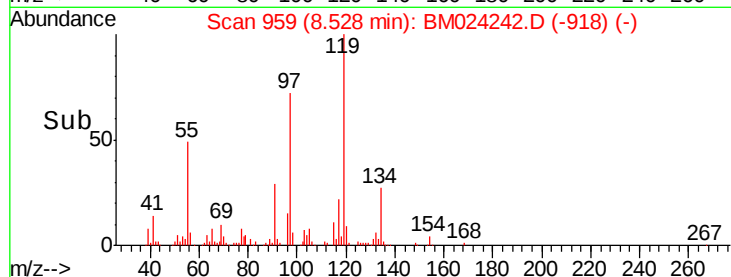
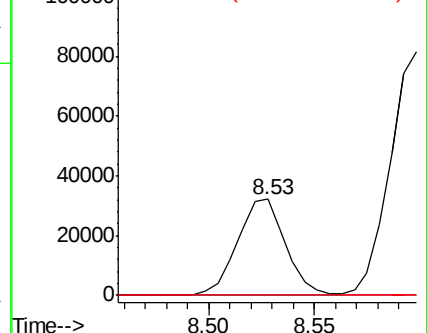
199 0.0 49.0 73.6#



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



#21

Isophorone

Concen: 1.379 ng/ul

RT: 9.12 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

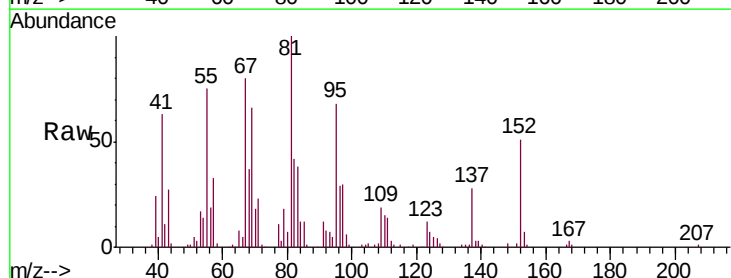
Tgt Ion: 82 Resp: 70430

Ion Ratio Lower Upper

82 100

95 161.1 5.8 8.6#

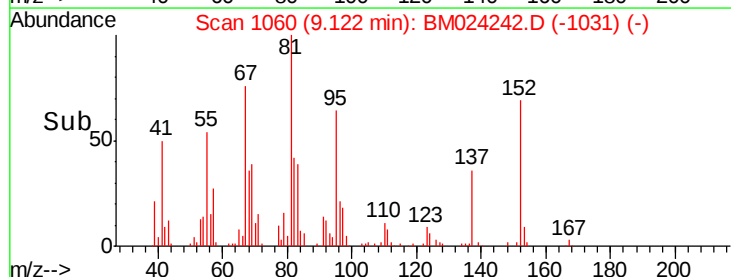
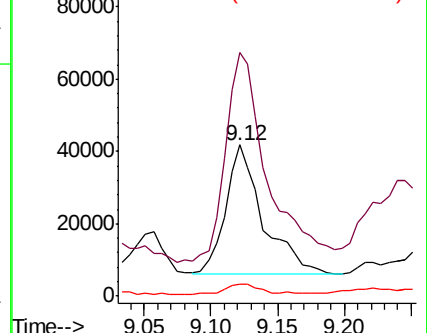
138 7.7 13.0 19.4#

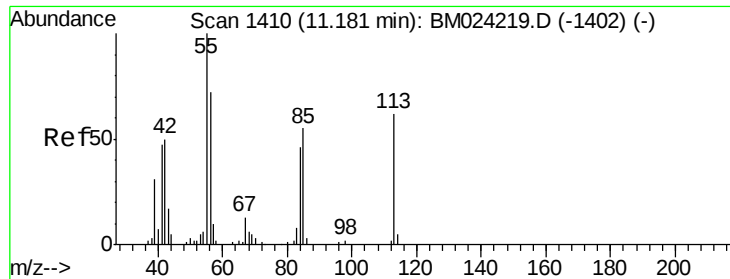


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

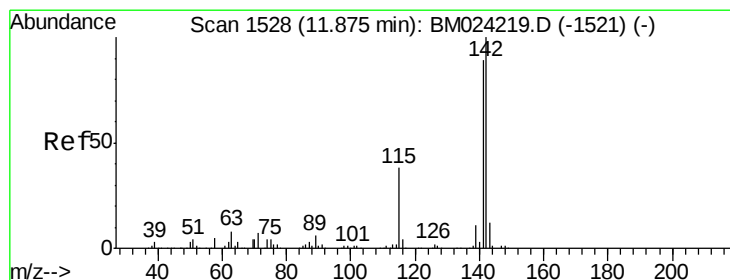
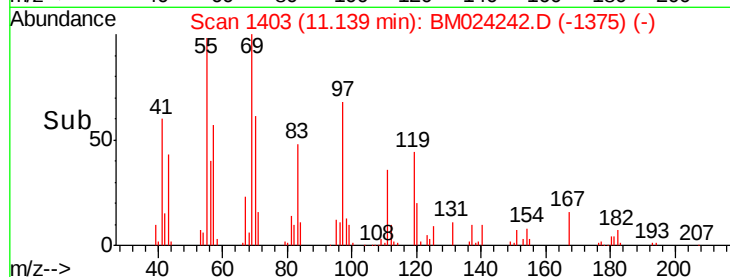
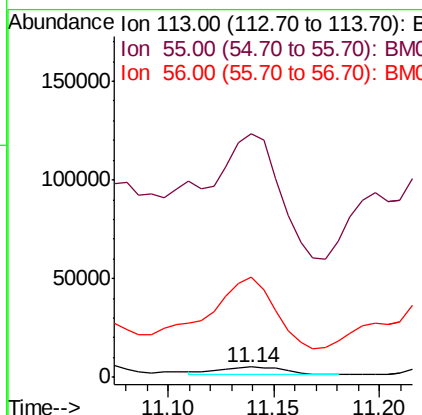
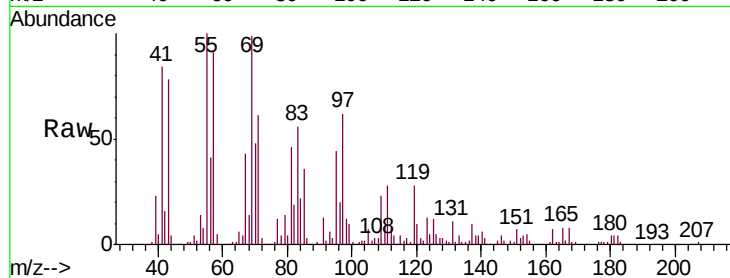




#32
 Caprolactam
 Concen: 1.096 ng/ul
 RT: 11.14 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

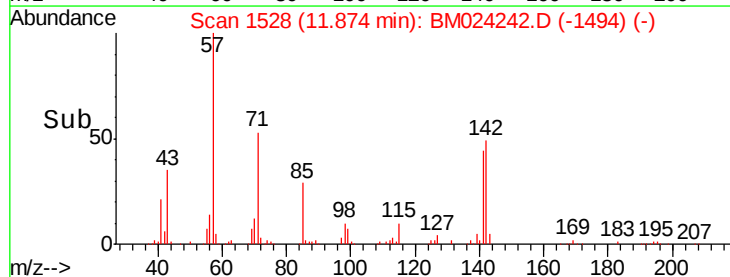
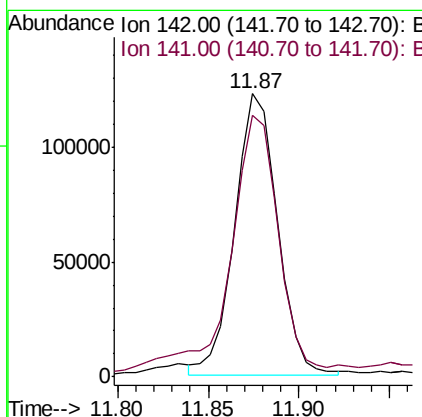
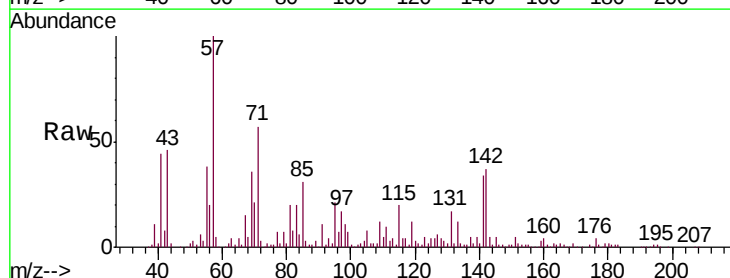
Instrument :
 BNA_M
 ClientSampleId :
 BFEW0

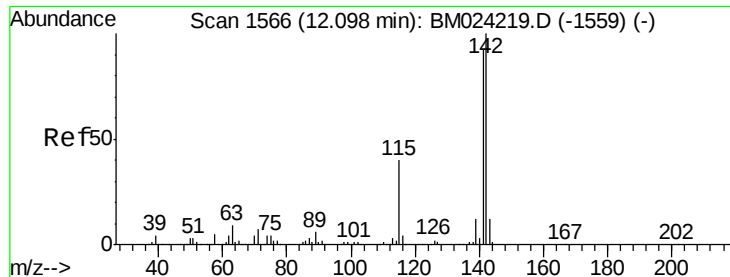
Tgt Ion:113 Resp: 8516
 Ion Ratio Lower Upper
 113 100
 55 2334.0 121.0 181.6#
 56 958.9 96.8 145.2#



#34
 2-Methylnaphthalene
 Concen: 3.948 ng/ul
 RT: 11.87 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

Tgt Ion:142 Resp: 202332
 Ion Ratio Lower Upper
 142 100
 141 92.3 70.9 106.3

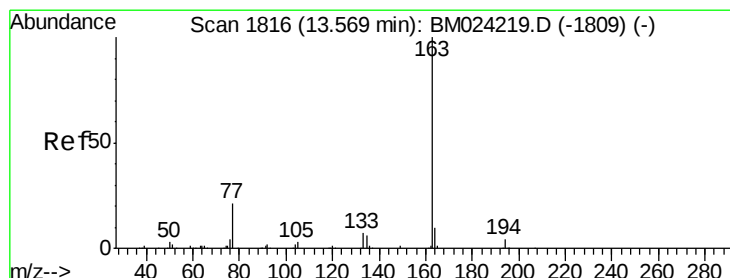
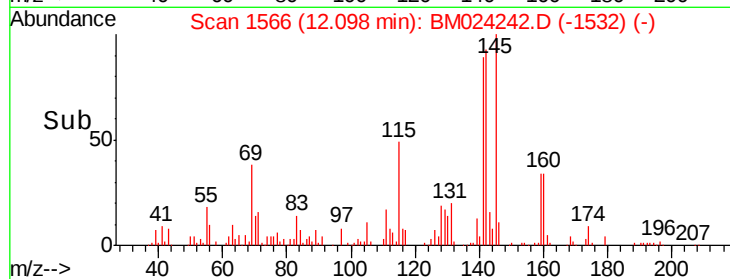
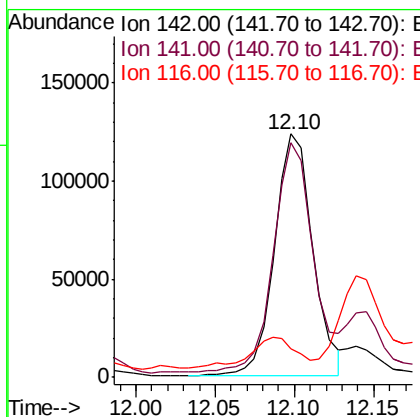
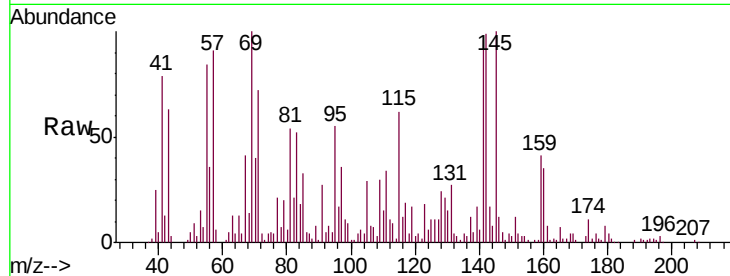




#35
 1-Methylnaphthalene
 Concen: 3.962 ng/ul
 RT: 12.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

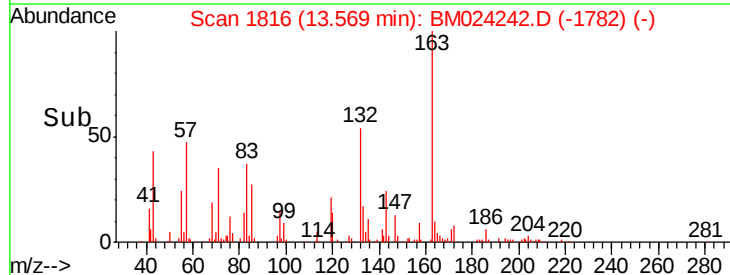
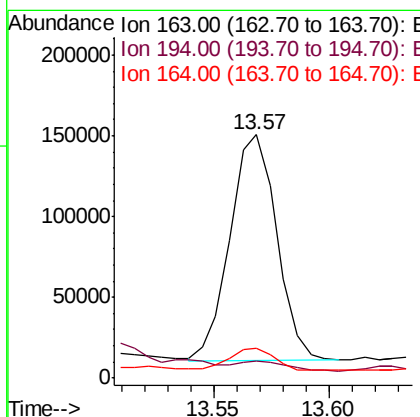
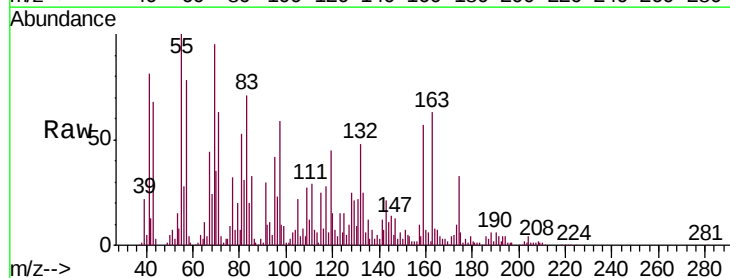
Instrument :
 BNA_M
 ClientSampleId :
 BFEW0

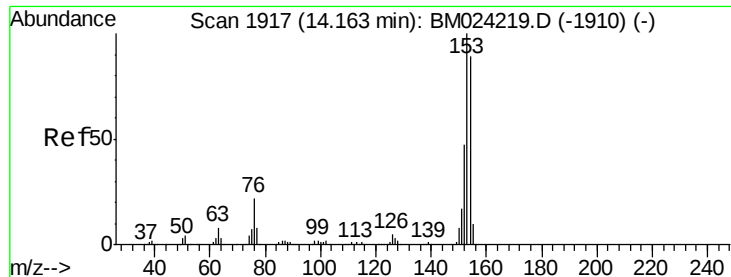
Tgt Ion:142 Resp: 207229
 Ion Ratio Lower Upper
 142 100
 141 96.6 72.7 109.1
 116 11.8 3.0 4.6#



#45
 Dimethylphthalate
 Concen: 2.908 ng/ul
 RT: 13.57 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

Tgt Ion:163 Resp: 197013
 Ion Ratio Lower Upper
 163 100
 194 6.8 3.2 4.8#
 164 12.3 7.8 11.6#





#50

Acenaphthene

Concen: 1.706 ng/ul

RT: 14.16 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Instrument :

BNA_M

ClientSampleId :

BFEW0

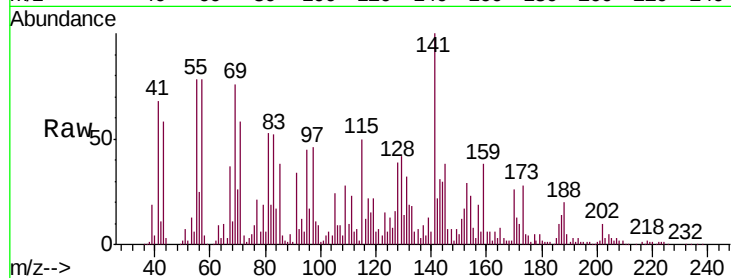
Tgt Ion:153 Resp: 97276

Ion Ratio Lower Upper

153 100

152 61.1 37.8 56.6#

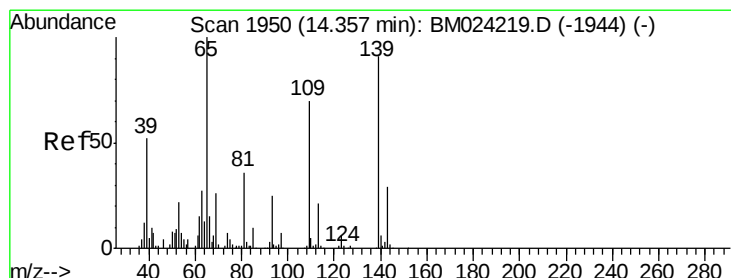
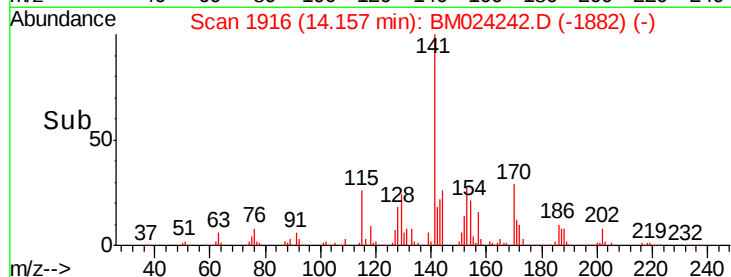
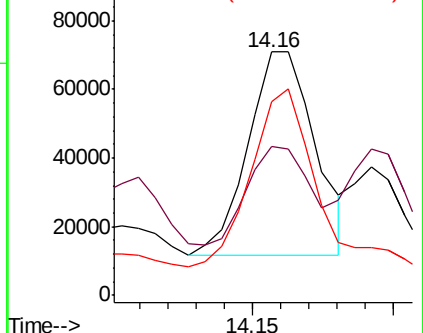
154 79.6 71.1 106.7



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



#53

4-Nitrophenol

Concen: 1.970 ng/ul

RT: 14.36 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

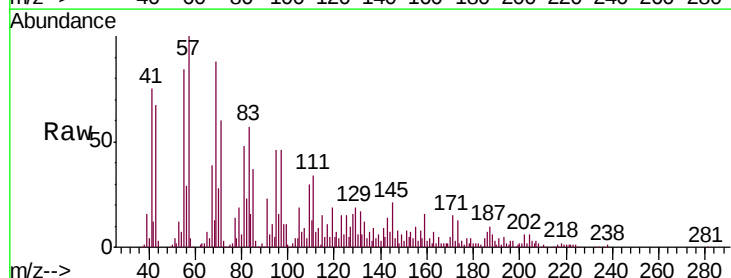
Tgt Ion:109 Resp: 18388

Ion Ratio Lower Upper

109 100

139 20.9 105.0 157.4#

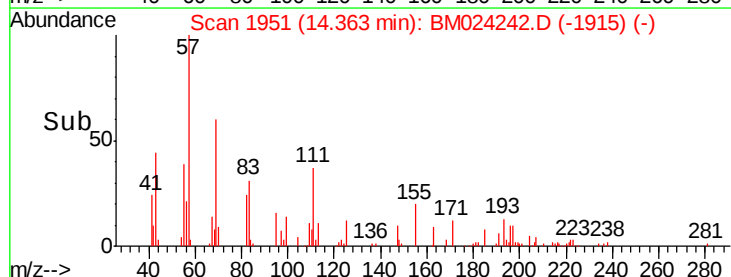
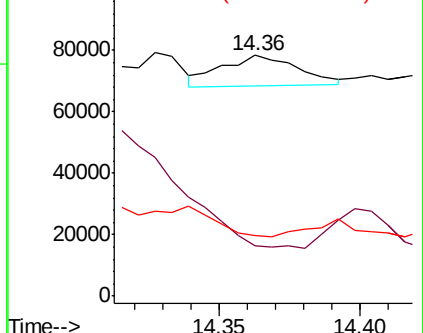
65 24.9 113.0 169.4#

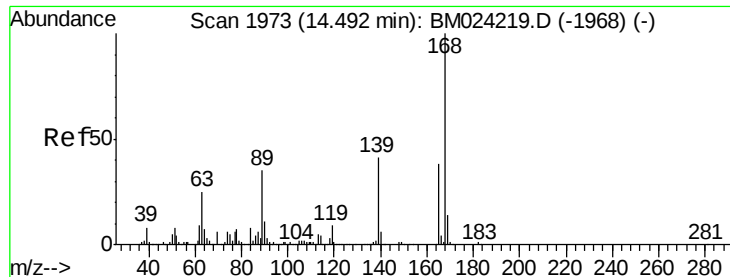


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

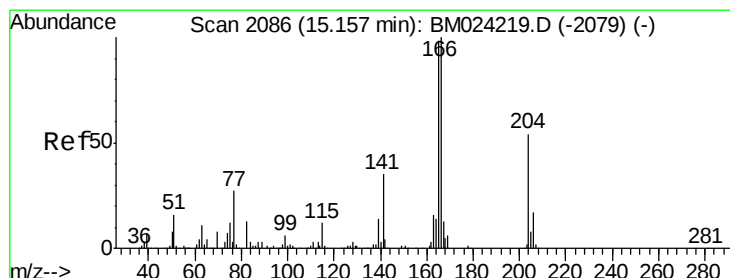
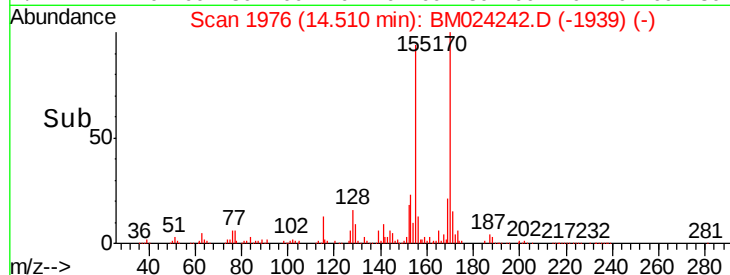
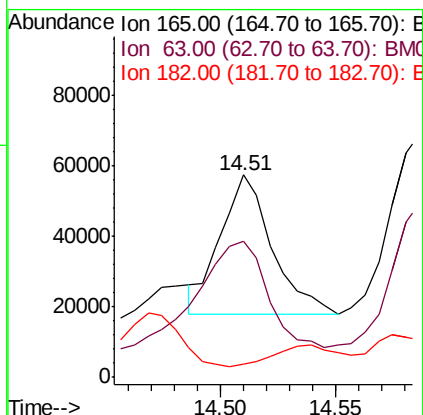
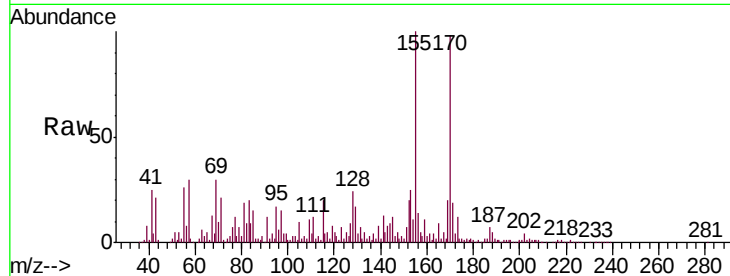




#55
 2,4-Dinitrotoluene
 Concen: 3.027 ng/ul
 RT: 14.51 min Scan# 1976
 Delta R.T. 0.02 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

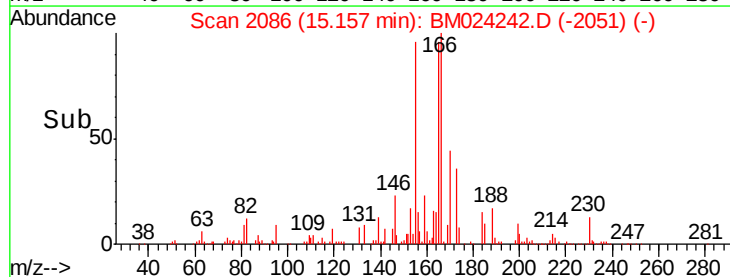
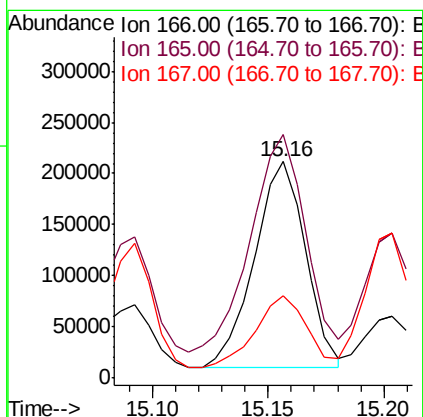
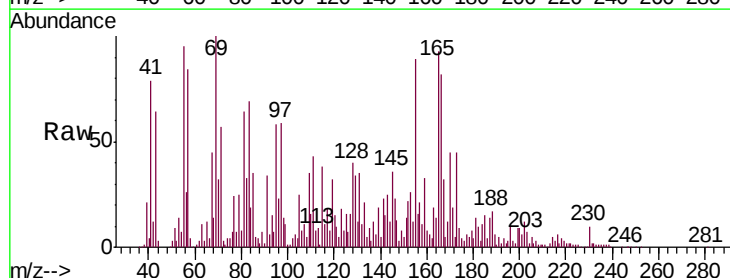
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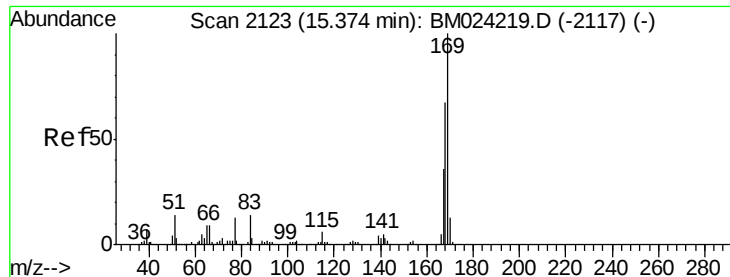
Tgt Ion:165 Resp: 60997
 Ion Ratio Lower Upper
 165 100
 63 67.3 43.6 65.4#
 182 6.3 2.3 3.5#



#59
 Fluorene
 Concen: 4.596 ng/ul
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

Tgt Ion:166 Resp: 307668
 Ion Ratio Lower Upper
 166 100
 165 112.6 78.3 117.5
 167 38.4 10.4 15.6#



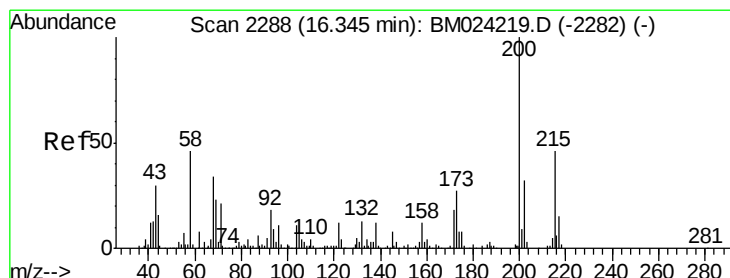
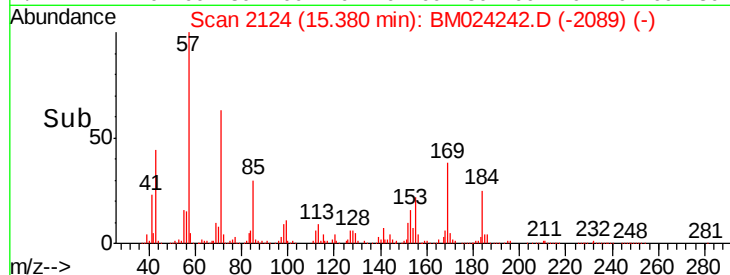
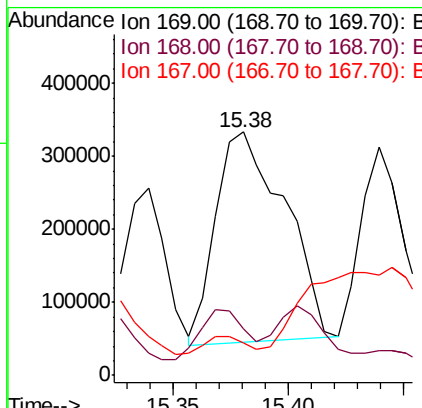
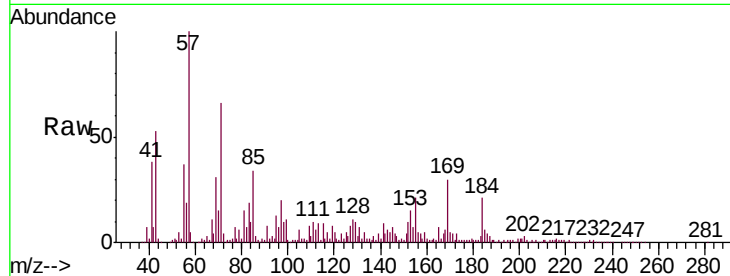


#65

N-Nitrosodiphenylamine
 Concen: 12.159 ng/ul
 RT: 15.38 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

Instrument :
 BNA_M
 ClientSampleId :
 BFEW0

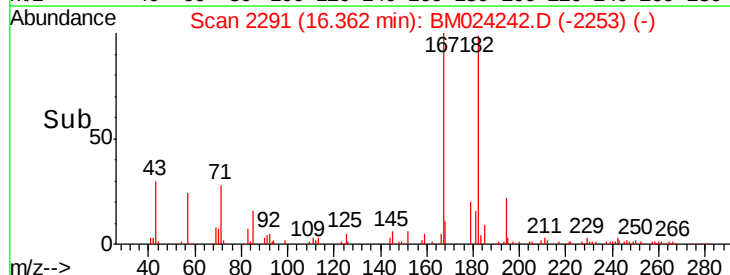
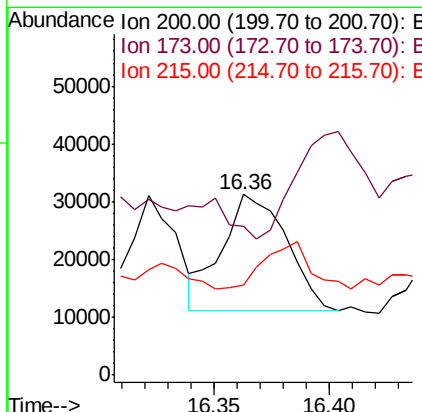
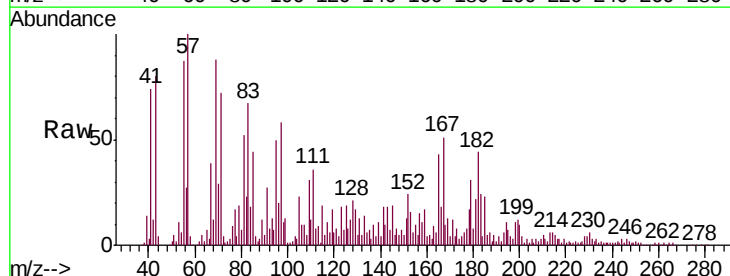
Tgt Ion:169 Resp: 597586
 Ion Ratio Lower Upper
 169 100
 168 19.0 54.4 81.6#
 167 13.1 28.7 43.1#

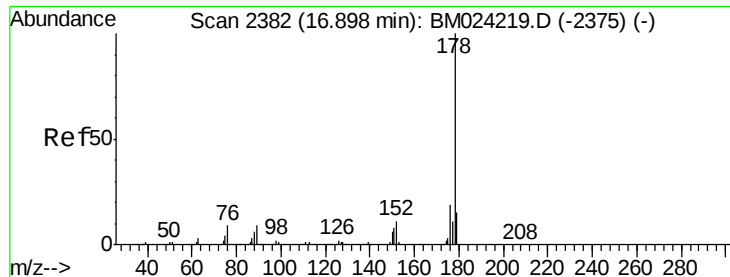


#68

Atrazine
 Concen: 2.133 ng/ul
 RT: 16.36 min Scan# 2291
 Delta R.T. 0.02 min
 Lab File: BM024242.D
 Acq: 24 Dec 2019 07:32

Tgt Ion:200 Resp: 38960
 Ion Ratio Lower Upper
 200 100
 173 82.5 21.8 32.8#
 215 50.0 37.3 55.9





#70

Phenanthrene

Concen: 11.209 ng/ul

RT: 16.90 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Instrument :

BNA_M

ClientSampled :

BFEW0

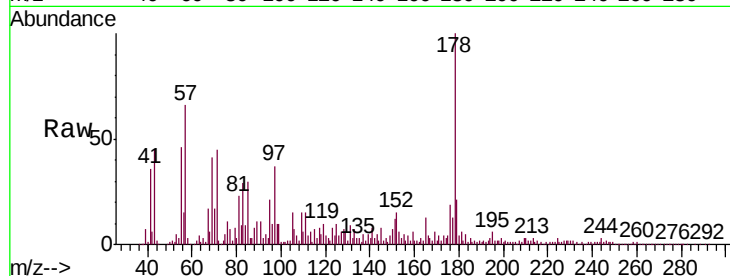
Tgt Ion:178 Resp: 1060757

Ion Ratio Lower Upper

178 100

179 21.2 12.6 19.0#

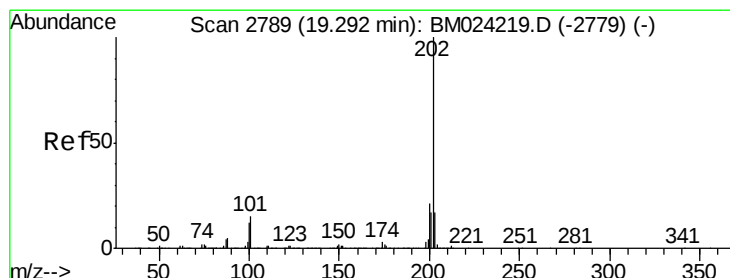
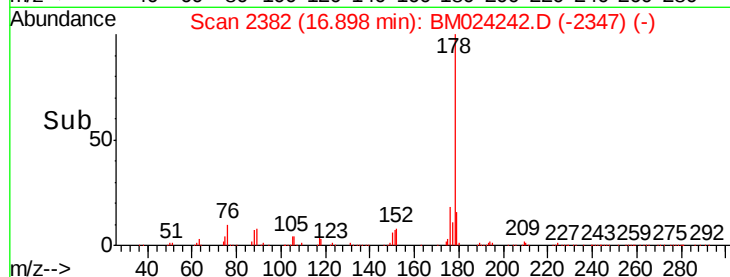
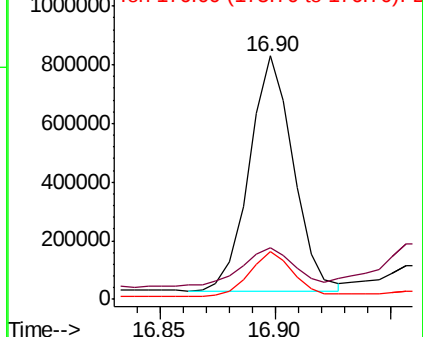
176 19.4 15.1 22.7



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



#80

Pyrene

Concen: 1.441 ng/ul

RT: 19.29 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

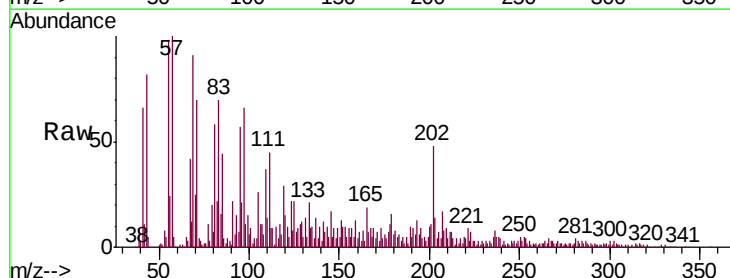
Tgt Ion:202 Resp: 136157

Ion Ratio Lower Upper

202 100

101 18.4 12.2 18.4#

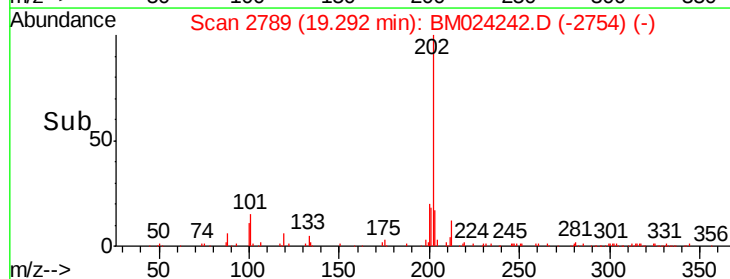
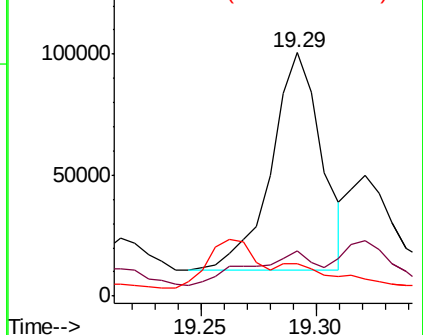
100 13.3 10.0 15.0

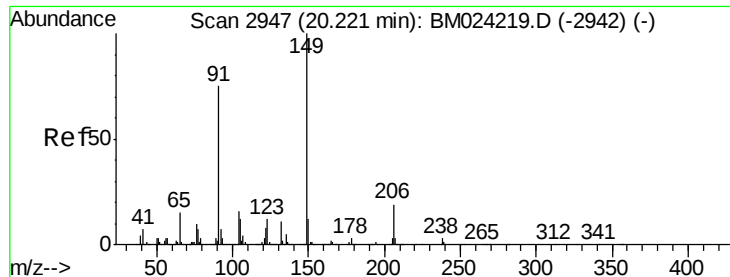


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

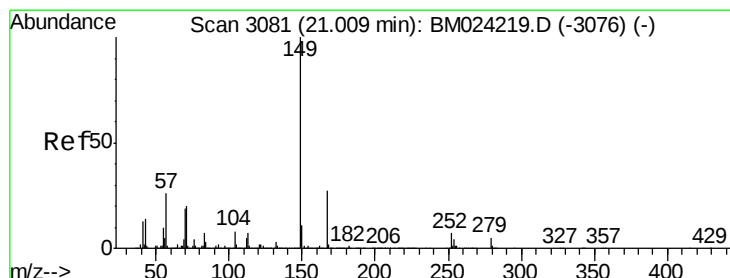
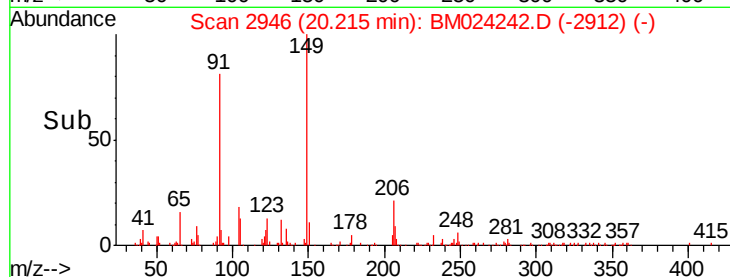
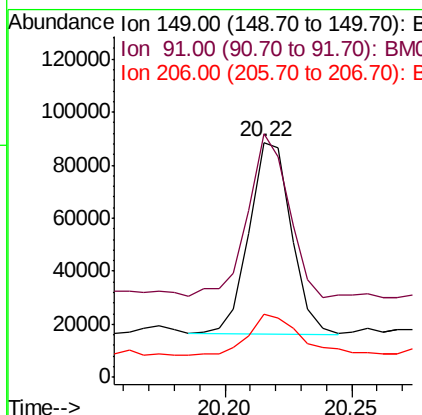
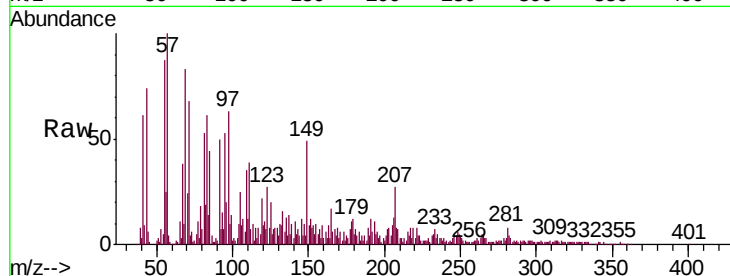




#81
Butylbenzylphthalate
Concen: 2.258 ng/ul
RT: 20.22 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BM024242.D
Acq: 24 Dec 2019 07:32

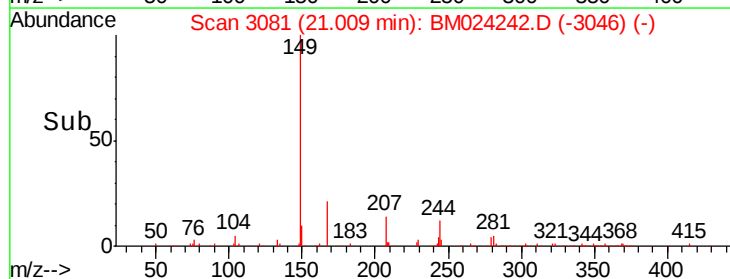
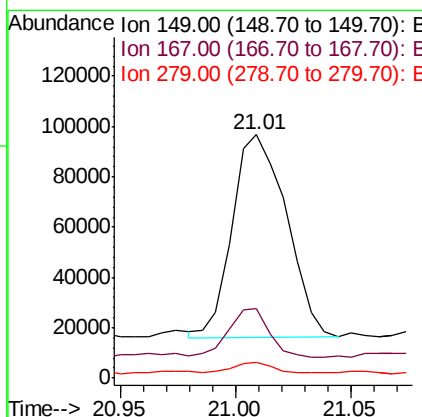
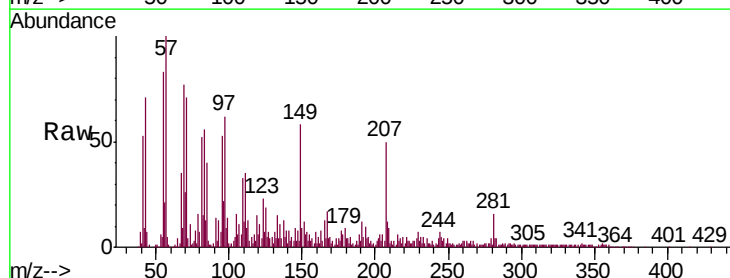
Instrument :
BNA_M
ClientSampleId :
BFEW0

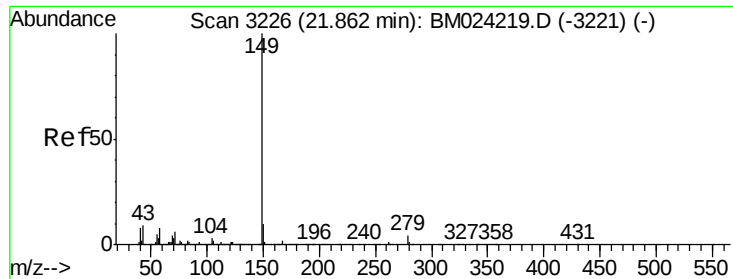
Tgt Ion:149 Resp: 84076
Ion Ratio Lower Upper
149 100
91 103.8 59.8 89.8#
206 26.9 15.4 23.2#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.353 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. 0.01 min
Lab File: BM024242.D
Acq: 24 Dec 2019 07:32

Tgt Ion:149 Resp: 130544
Ion Ratio Lower Upper
149 100
167 28.8 21.3 31.9
279 6.5 3.7 5.5#





#87

Di-n-octyl phthalate

Concen: 1.076 ng/ul

RT: 21.87 min Scan# 3227

Delta R.T. 0.01 min

Lab File: BM024242.D

Acq: 24 Dec 2019 07:32

Instrument :

BNA_M

ClientSampleId :

BFEW0

Tgt Ion:149 Resp: 99391

