

Data File : BM023763.D
Acq On : 15 Nov 2019 21:13
Operator : JU
Sample : K5699-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J00MS

Quant Time: Nov 16 03:21:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 16 03:18:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	288319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1151066	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	703573	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1493777	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1519422	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1824856	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	41778	5.97	ng/uL	0.00
5) Phenol-d5	6.72	99	141349	5.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	371796	24.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	416103	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	255400	12.18	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	240243	29.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	261763	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	505847	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	9182	0.42	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	1698316	30.95	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1829844	29.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	52152	5.57	ng/ul	0.04
58) Fluorene-d10	15.18	176	1451231	29.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	246324	28.51	ng/ul	0.00
71) Anthracene-d10	17.03	188	2353220	33.21	ng/ul	0.00
79) Pyrene-d10	19.33	212	2763898	34.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3313986	34.51	ng/ul	0.00

Target Compounds

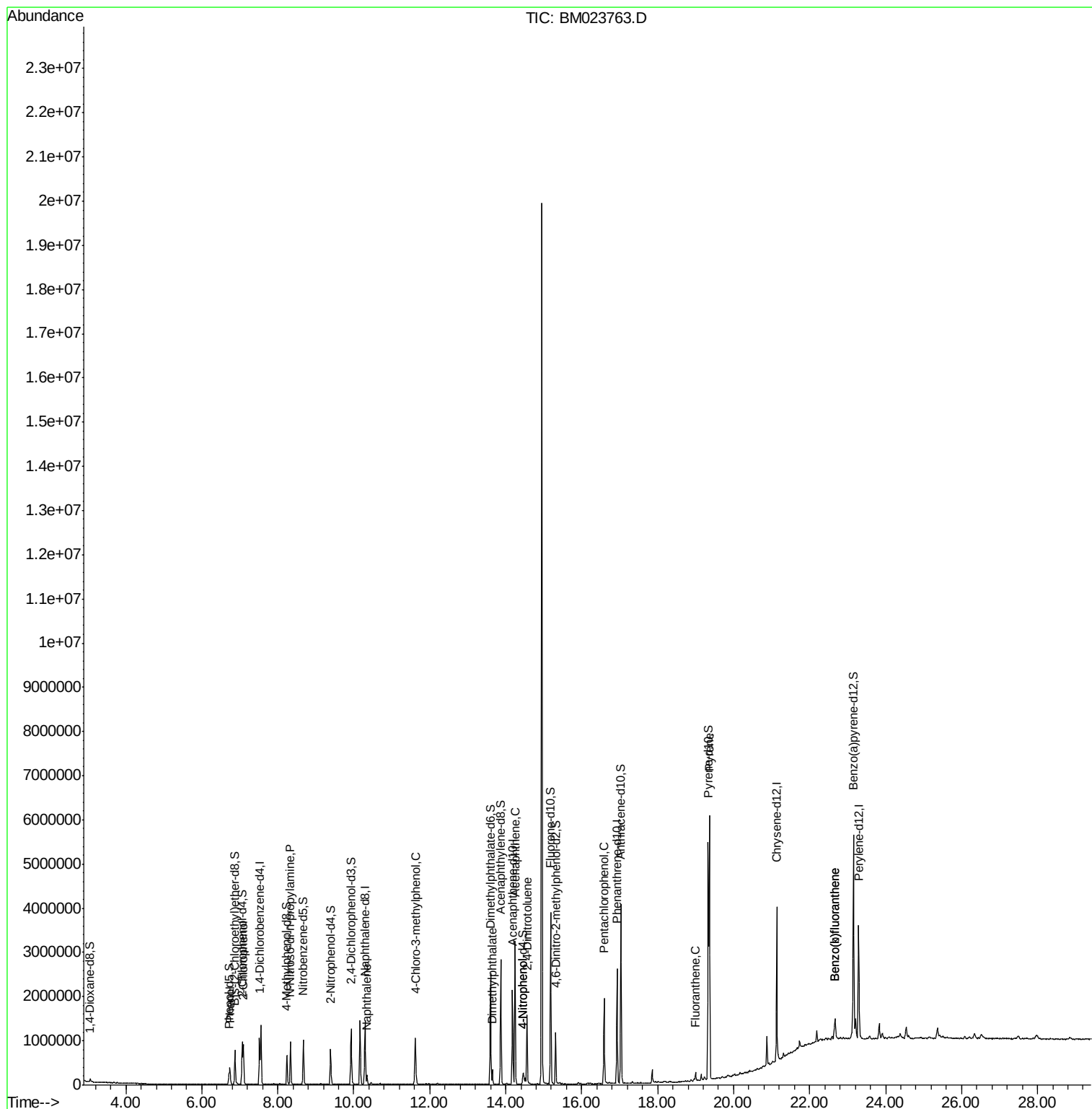
						Qvalue
6) Phenol	6.74	94	216546	7.998	ng/ul	97
10) 2-Chlorophenol	7.09	128	399537	20.349	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	388582	22.621	ng/ul	98
28) Naphthalene	10.35	128	168617	2.787	ng/ul	99
33) 4-Chloro-3-methylphenol	11.62	107	491749	23.325	ng/ul	100
45) Dimethylphthalate	13.65	163	220318	4.098	ng/ul	99
50) Acenaphthene	14.24	153	1242401	27.773	ng/ul	100
53) 4-Nitrophenol	14.46	109	43306	5.730	ng/ul	93
55) 2,4-Dinitrotoluene	14.56	165	453713	30.311	ng/ul	99
69) Pentachlorophenol	16.59	266	373370	29.279	ng/ul	98
77) Fluoranthene	19.00	202	103054	1.169	ng/ul#	95
80) Pyrene	19.36	202	3469808	35.330	ng/ul	99
88) Benzo(b)fluoranthene	22.65	252	198751	1.709	ng/ul#	97
89) Benzo(k)fluoranthene	22.65	252	198751	1.773	ng/ul#	95

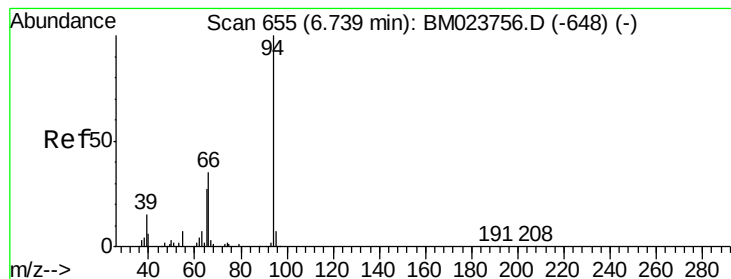
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 7.998 ng/ul

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

Instrument :

BNA_M

ClientSampleId :

F2J00MS

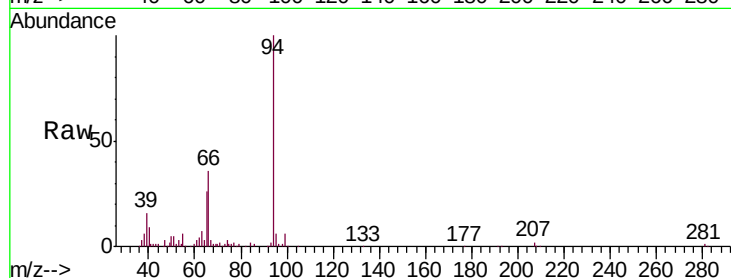
Tgt Ion: 94 Resp: 216546

Ion Ratio Lower Upper

94 100

65 26.5 21.4 32.2

66 35.8 30.7 46.1

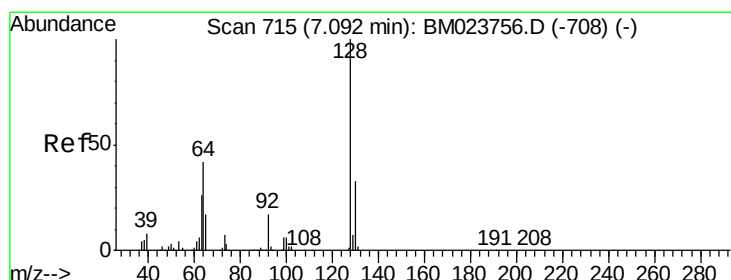
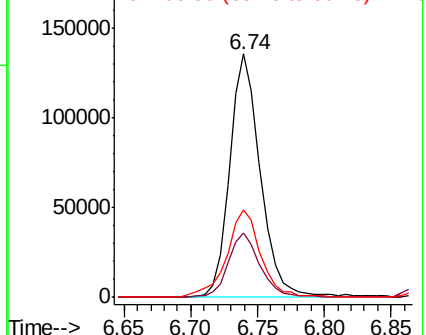
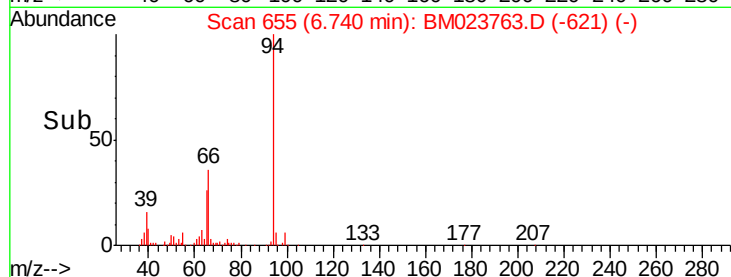


Abundance Ion 94.00 (93.70 to 94.70): BM023756.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM023756.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM023756.D (-648) (-)

Time-->



#10

2-Chlorophenol

Concen: 20.349 ng/ul

RT: 7.09 min Scan# 715

Delta R.T. 0.00 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

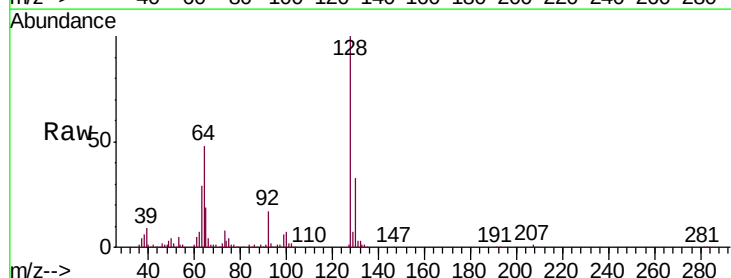
Tgt Ion: 128 Resp: 399537

Ion Ratio Lower Upper

128 100

64 48.0 38.1 57.1

130 32.8 26.4 39.6

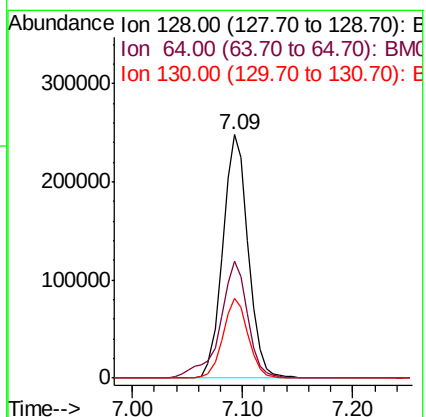
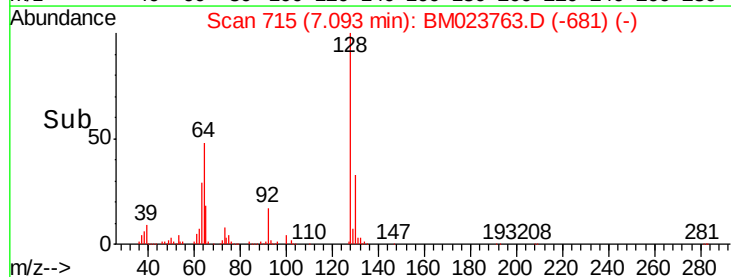


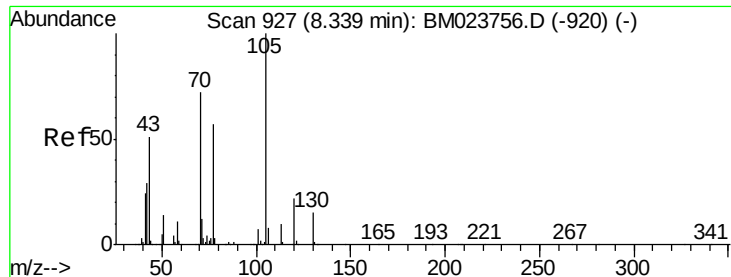
Abundance Ion 128.00 (127.70 to 128.70): BM023756.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BM023756.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BM023756.D (-708) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 22.621 ng/ul

RT: 8.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

Instrument :

BNA_M

ClientSampleId :

F2J00MS

Tgt Ion: 70 Resp: 388582

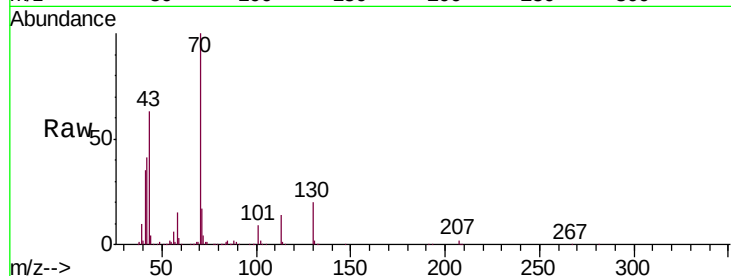
Ion Ratio Lower Upper

70 100

42 41.4 32.1 48.1

101 9.2 7.4 11.2

130 20.3 15.8 23.6



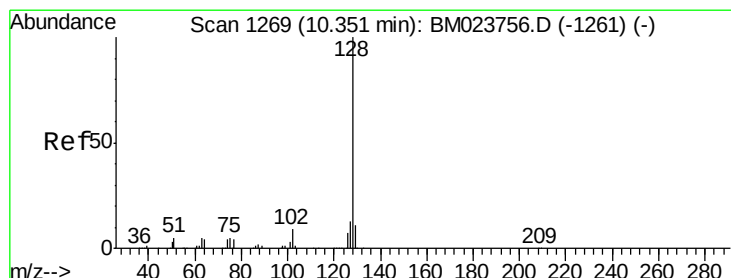
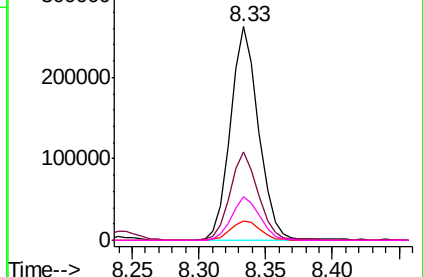
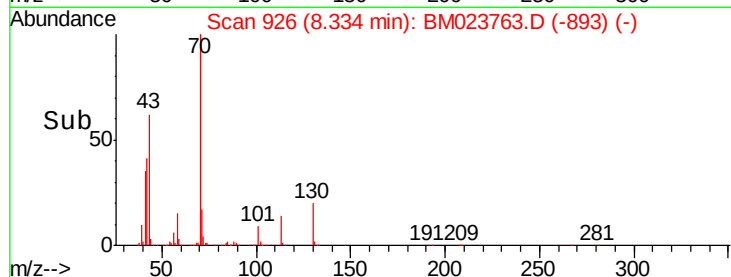
Abundance Ion 70.00 (69.70 to 70.70): BM023756.D (-920) (-)

Ion 42.00 (41.70 to 42.70): BM023756.D (-920) (-)

Ion 101.00 (100.70 to 101.70): BM023756.D (-920) (-)

Ion 130.00 (129.70 to 130.70): BM023756.D (-920) (-)

Time-->



#28

Naphthalene

Concen: 2.787 ng/ul

RT: 10.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

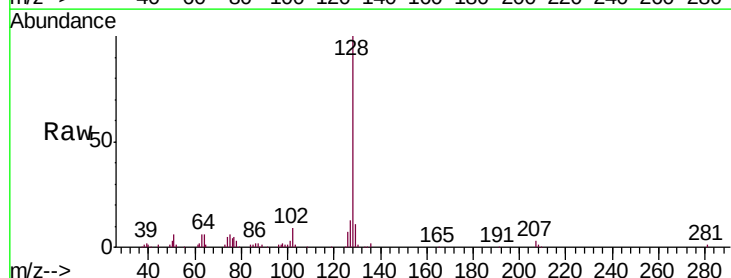
Tgt Ion: 128 Resp: 168617

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.6 16.0

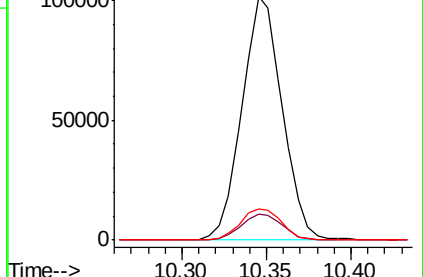
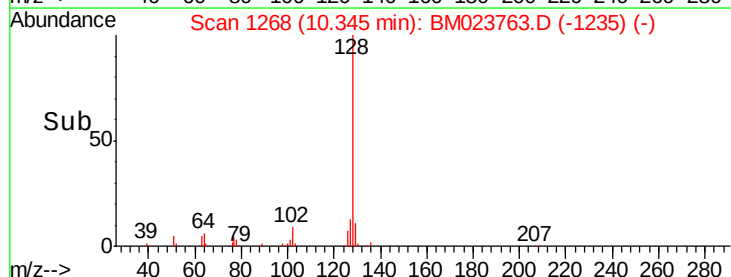


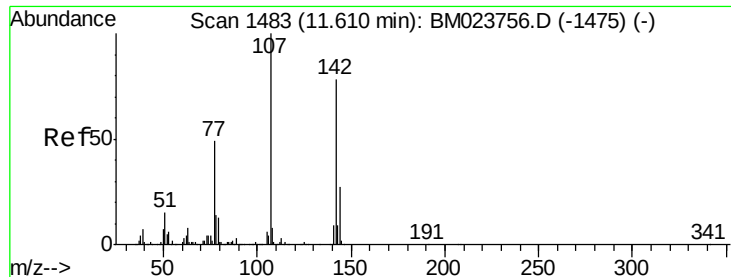
Abundance Ion 128.00 (127.70 to 128.70): BM023756.D (-1261) (-)

Ion 129.00 (128.70 to 129.70): BM023756.D (-1261) (-)

Ion 127.00 (126.70 to 127.70): BM023756.D (-1261) (-)

Time-->

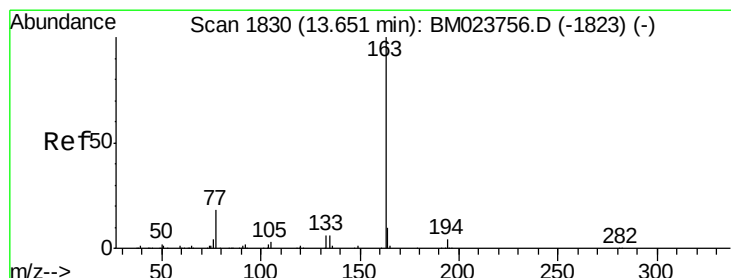
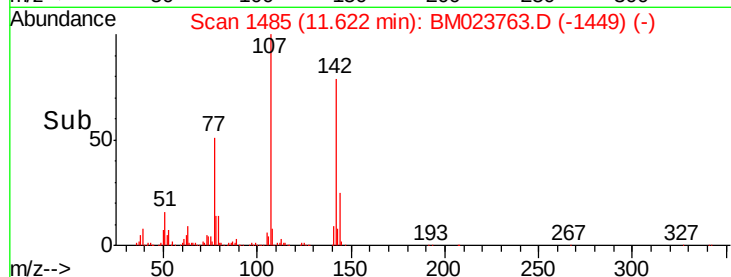
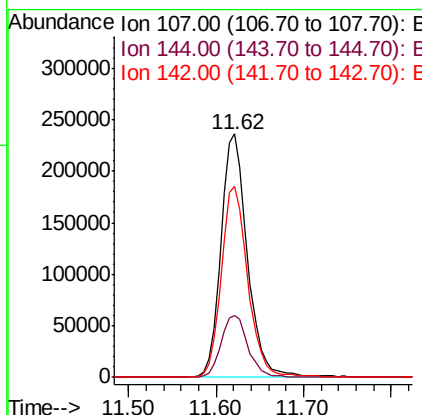
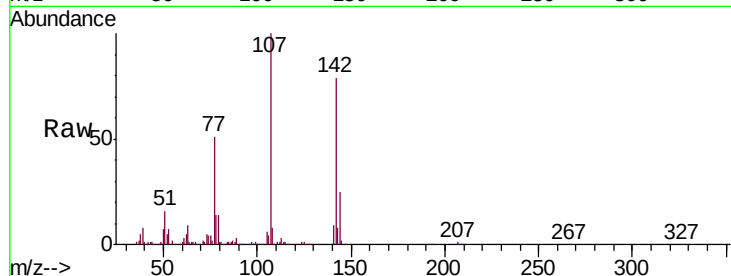




#33
 4-Chloro-3-methylphenol
 Concen: 23.325 ng/ul
 RT: 11.62 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BM023763.D
 Acq: 15 Nov 2019 21:13

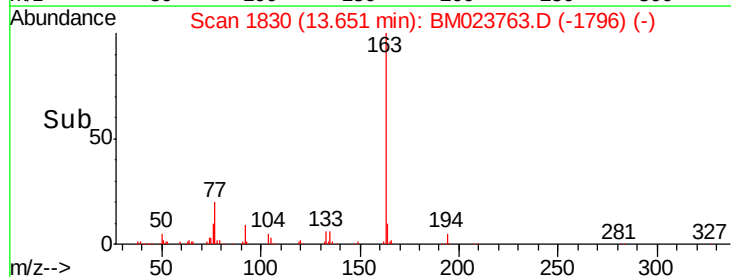
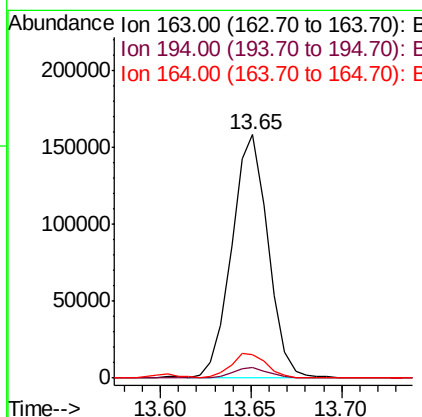
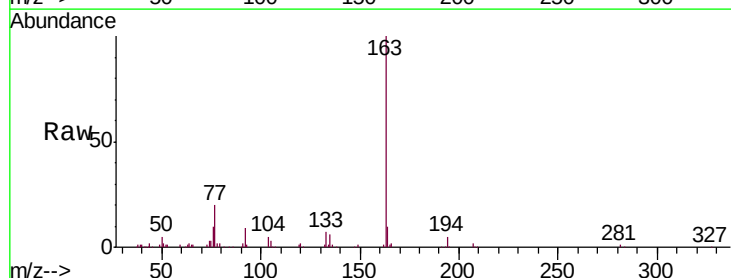
Instrument :
 BNA_M
 ClientSampleId :
 F2J00MS

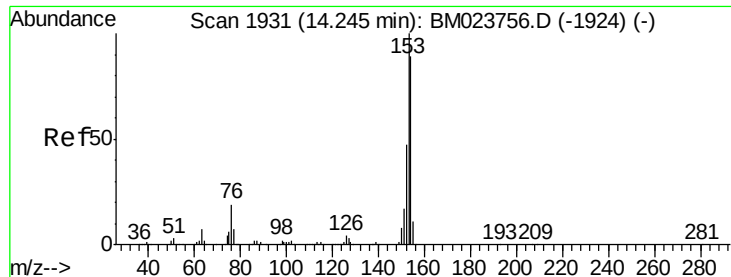
Tgt Ion:107 Resp: 491749
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 30.8
 142 78.7 62.9 94.3



#45
 Dimethylphthalate
 Concen: 4.098 ng/ul
 RT: 13.65 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BM023763.D
 Acq: 15 Nov 2019 21:13

Tgt Ion:163 Resp: 220318
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.2
 164 9.8 8.0 12.0





#50

Acenaphthene

Concen: 27.773 ng/ul

RT: 14.24 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

Instrument :

BNA_M

ClientSampleId :

F2J00MS

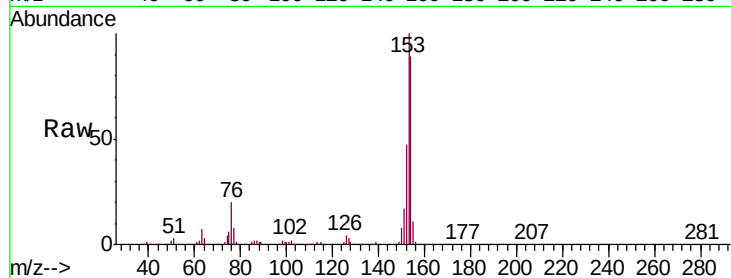
Tgt Ion:153 Resp: 1242401

Ion Ratio Lower Upper

153 100

152 47.2 37.7 56.5

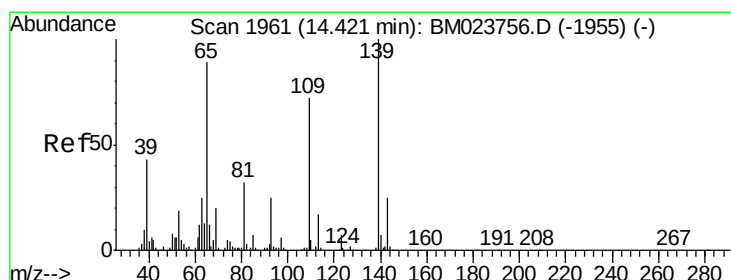
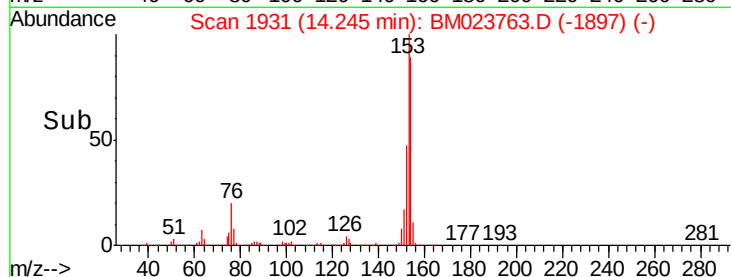
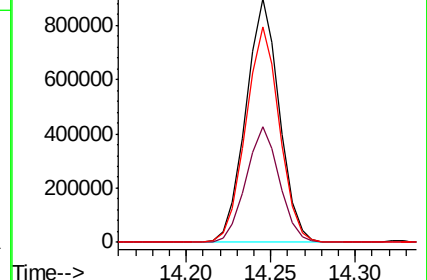
154 88.7 70.6 106.0



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



#53

4-Nitrophenol

Concen: 5.730 ng/ul

RT: 14.46 min Scan# 1968

Delta R.T. 0.04 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

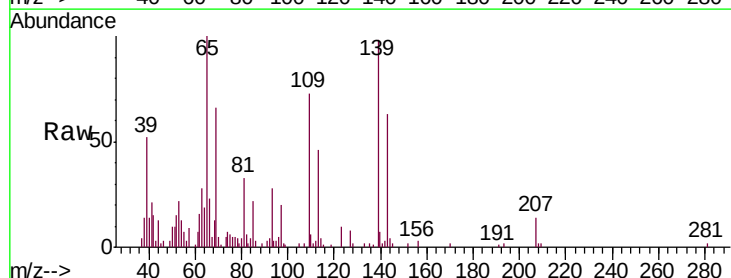
Tgt Ion:109 Resp: 43306

Ion Ratio Lower Upper

109 100

139 134.9 103.4 155.0

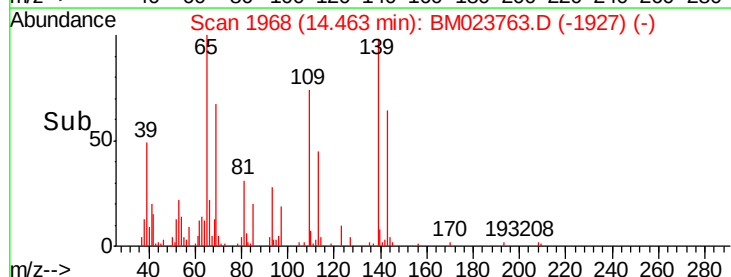
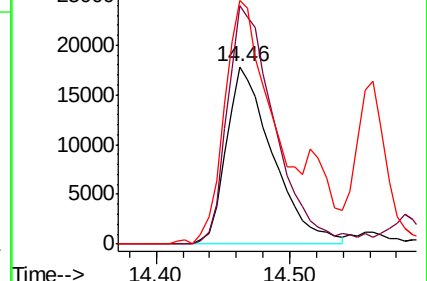
65 137.5 101.3 151.9

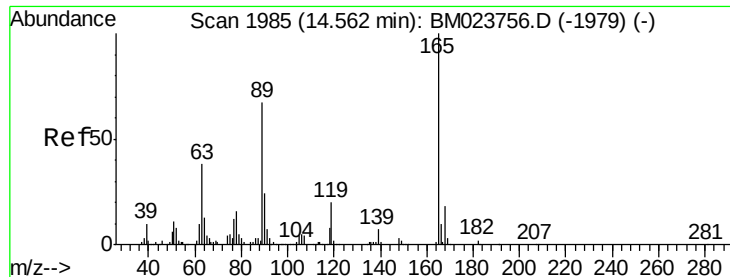


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

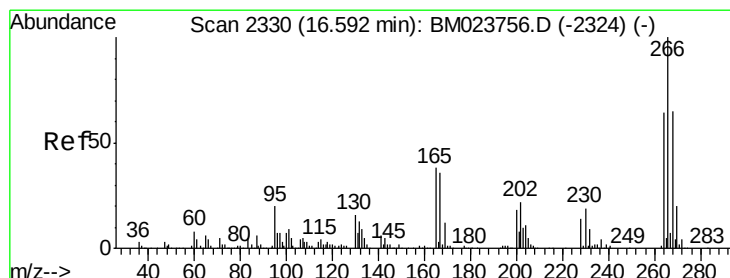
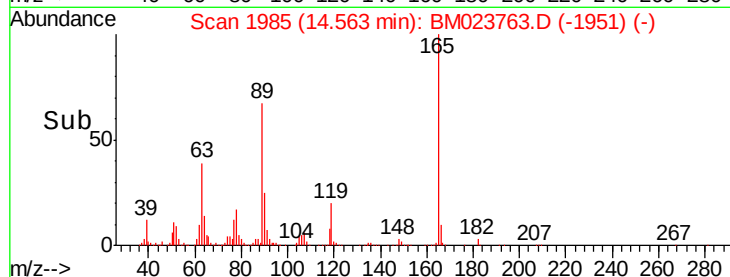
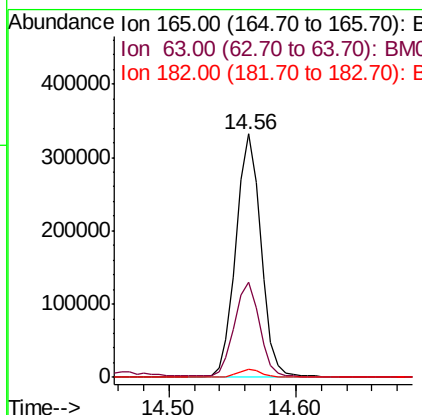
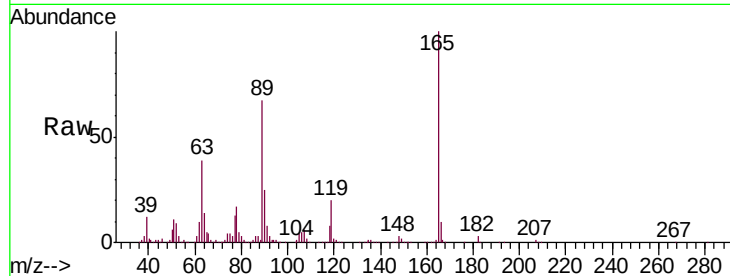




#55
 2,4-Dinitrotoluene
 Concen: 30.311 ng/ul
 RT: 14.56 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BM023763.D
 Acq: 15 Nov 2019 21:13

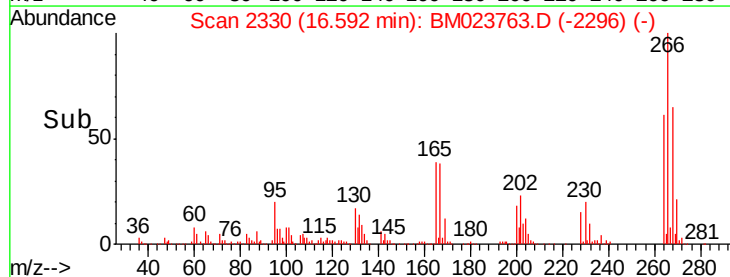
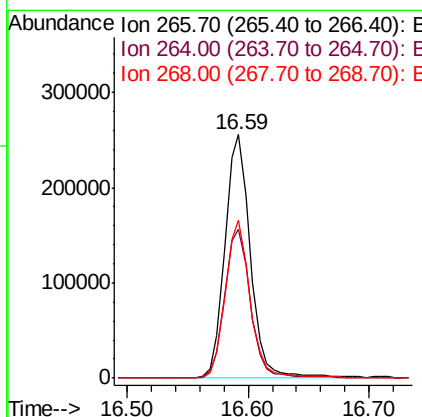
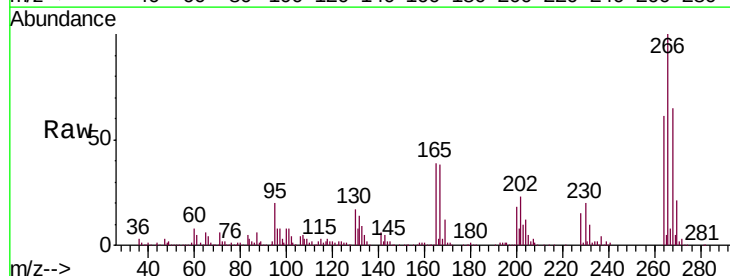
Instrument :
 BNA_M
 ClientSampleId :
 F2J00MS

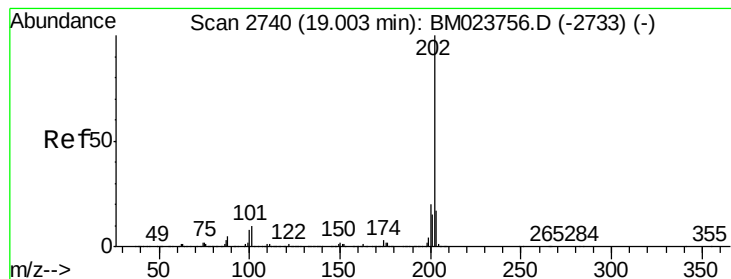
Tgt Ion:	165	Resp:	453713
Ion	Ratio	Lower	Upper
165	100		
63	39.2	31.0	46.6
182	3.2	2.4	3.6



#69
 Pentachlorophenol
 Concen: 29.279 ng/ul
 RT: 16.59 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: BM023763.D
 Acq: 15 Nov 2019 21:13

Tgt Ion:	266	Resp:	373370
Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.6	75.8
268	64.9	50.9	76.3





#77

Fluoranthene

Concen: 1.169 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

Instrument :

BNA_M

ClientSampleId :

F2J00MS

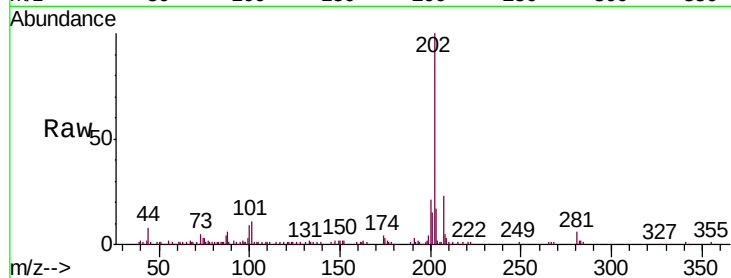
Tgt Ion:202 Resp: 103054

Ion Ratio Lower Upper

202 100

101 11.2 7.7 11.5

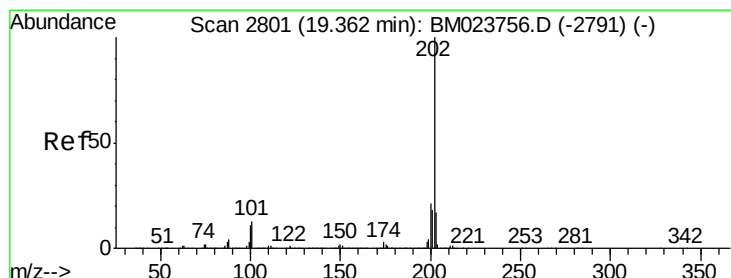
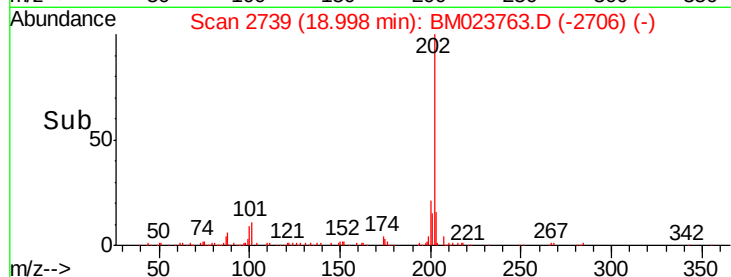
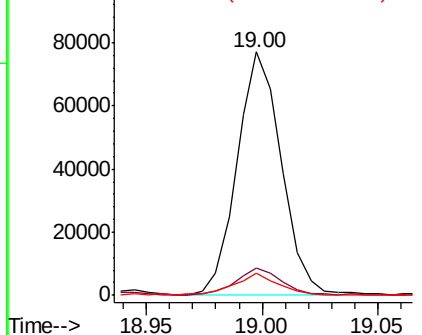
100 9.3 6.0 9.0#



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): B



#80

Pyrene

Concen: 35.330 ng/ul

RT: 19.36 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

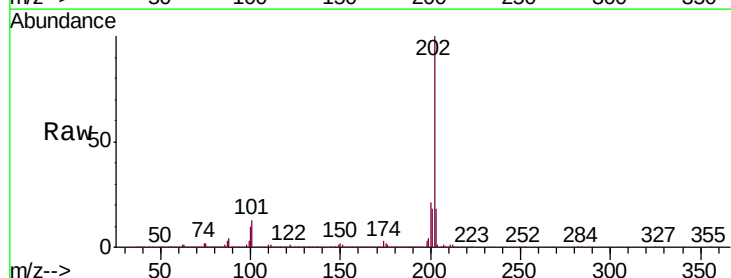
Tgt Ion:202 Resp: 3469808

Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.6

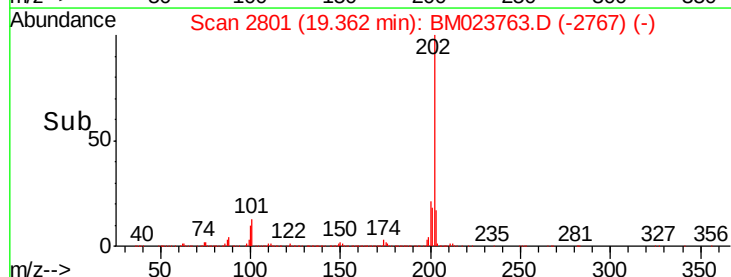
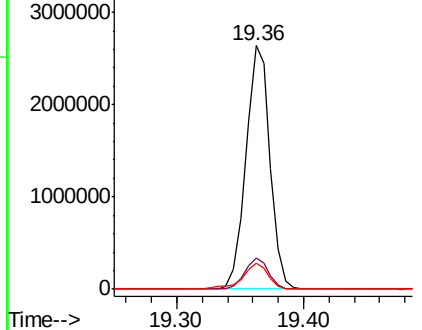
100 10.5 8.1 12.1

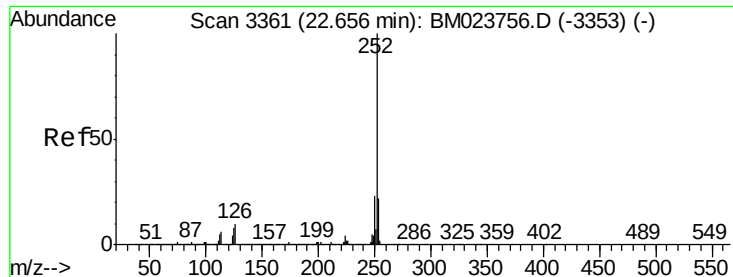


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#88

Benzo(b)fluoranthene

Concen: 1.709 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

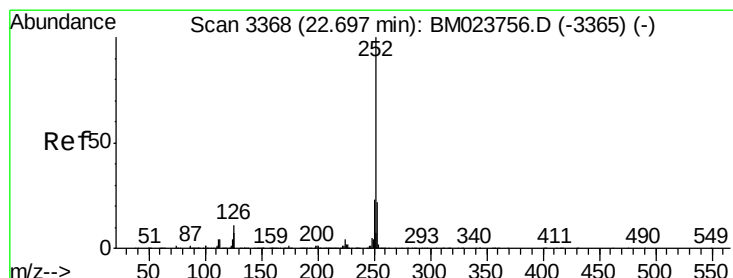
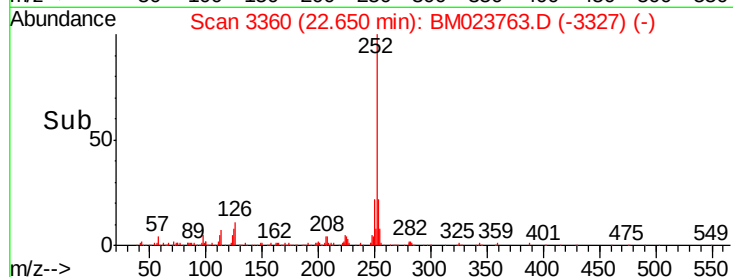
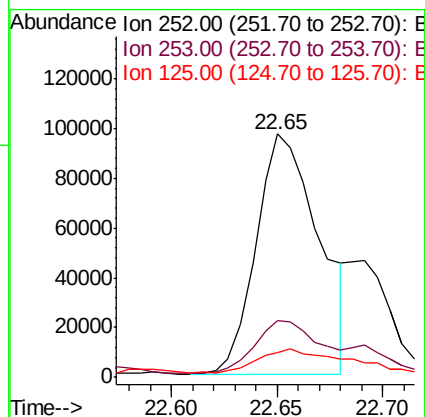
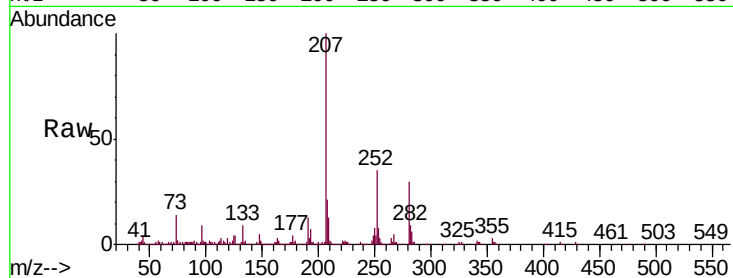
Instrument :

BNA_M

ClientSampleId :

F2J00MS

Tgt Ion:	252	Resp:	198751
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	10.4	6.5	9.7#



#89

Benzo(k)fluoranthene

Concen: 1.773 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BM023763.D

Acq: 15 Nov 2019 21:13

Tgt Ion:	252	Resp:	198751
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	10.4	5.9	8.9#

