

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026736.D
 Acq On : 10 Jul 2020 16:24
 Operator : JU/CG
 Sample : L3217-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-BOILER-ROOM

Quant Time: Jul 10 16:59:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

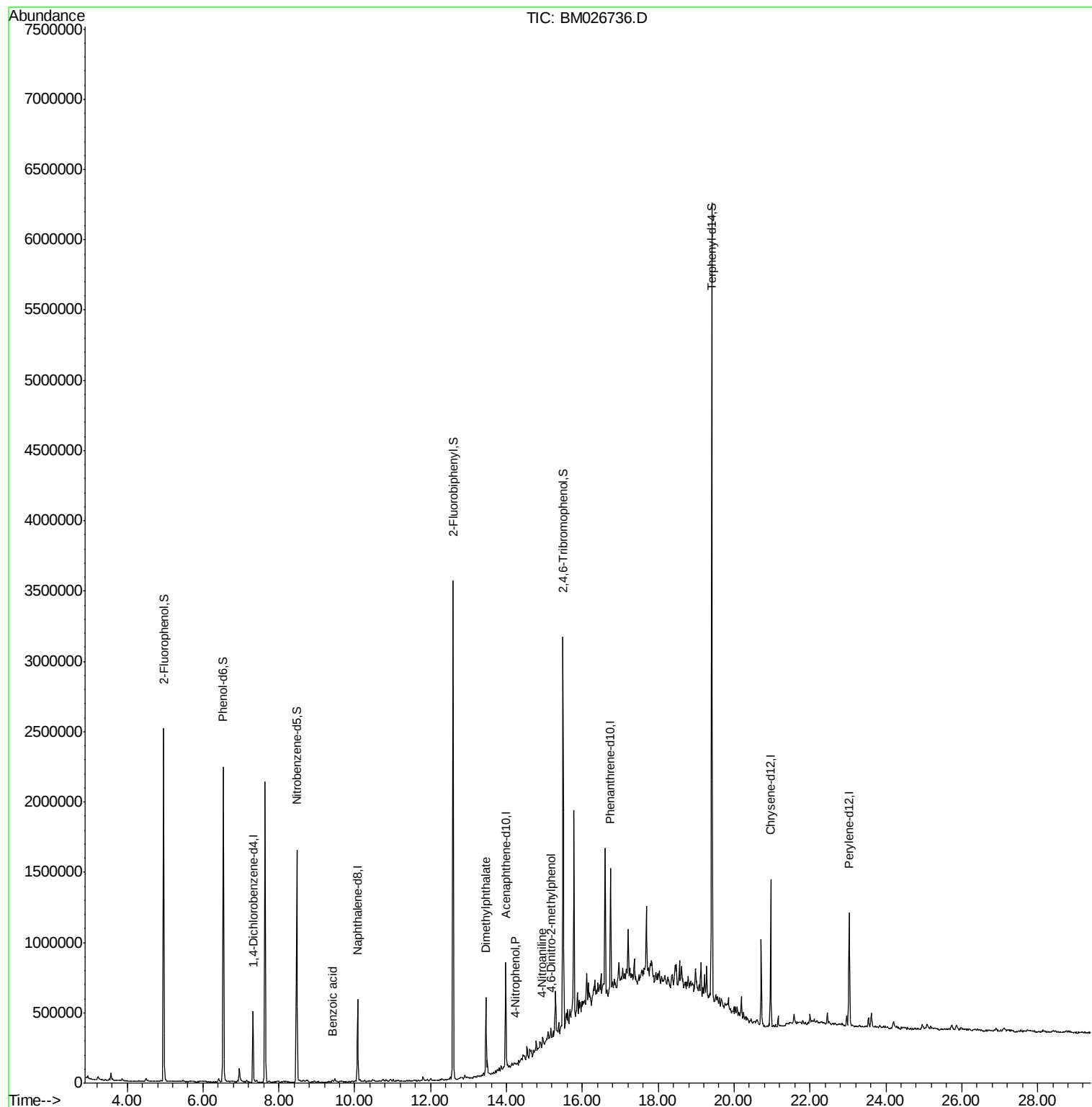
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	112190	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	407667	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	223034	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	439979	20.00	ng	0.00
76) Chrysene-d12	20.97	240	449751	20.00	ng	0.00
86) Perylene-d12	23.03	264	480192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	831597	124.24	ng	0.00
7) Phenol-d6	6.53	99	1024503	96.07	ng	0.00
23) Nitrobenzene-d5	8.47	82	882153	92.32	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	424612	130.69	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1636025	97.53	ng	0.00
79) Terphenyl-d14	19.41	244	2403885	105.19	ng	0.00
Target Compounds						
32) Benzoic acid	9.41	122	2293	7.472	ng	# 78
50) Dimethylphthalate	13.46	163	299631	15.706	ng	# 98
56) 4-Nitrophenol	14.22	139	612	4.069	ng	# 3
62) 4-Nitroaniline	14.94	138	338	3.205	ng	# 86
65) 4,6-Dinitro-2-methylphenol	15.19	198	416	4.651	ng	# 1

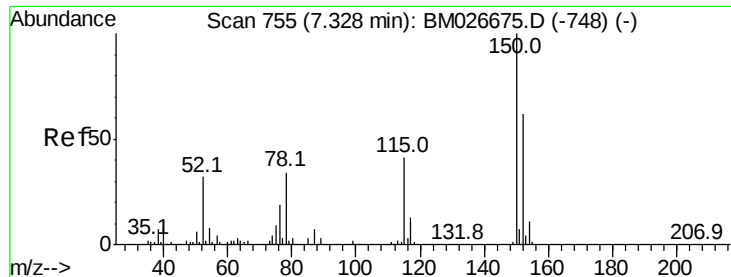
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



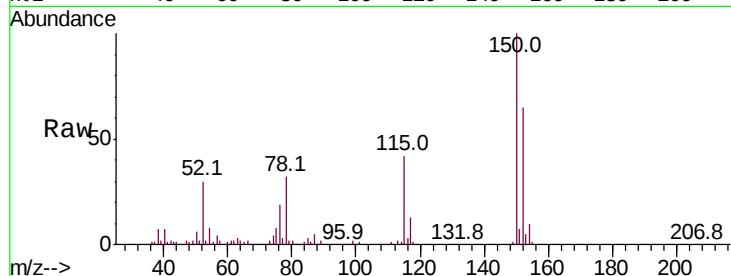


#1

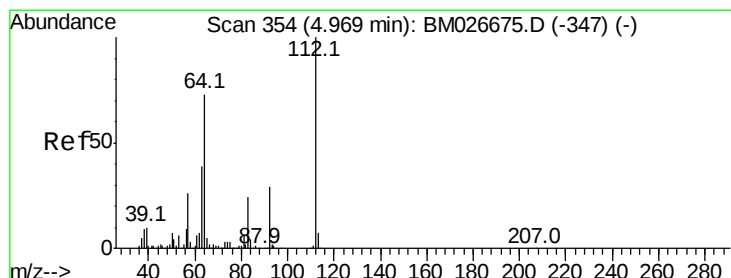
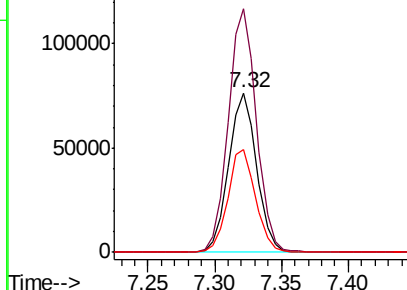
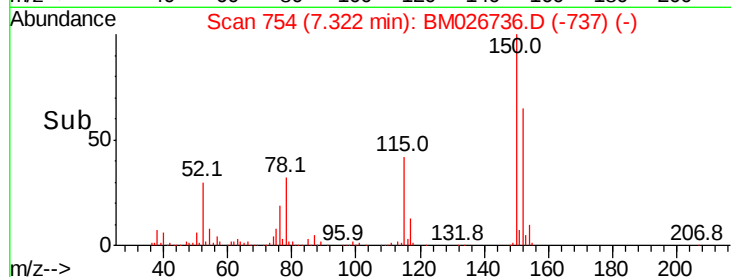
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Instrument :
BNA_M
ClientSampleId :
E3-41-BOILER-ROOM

Tot Ion:152 Resp: 112190
Ion Ratio Lower Upper
152 100
150 153.0 128.1 192.1
115 64.8 52.2 78.4



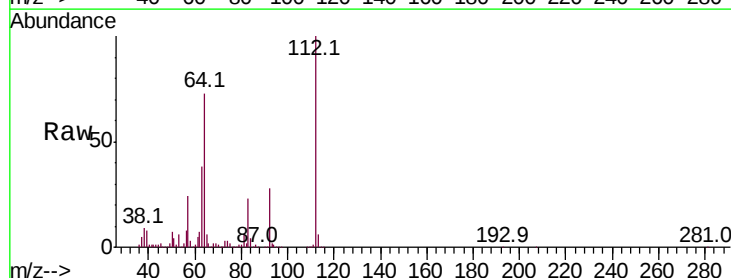
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



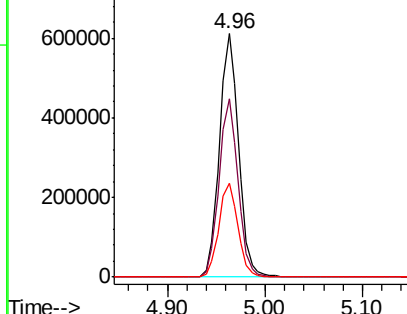
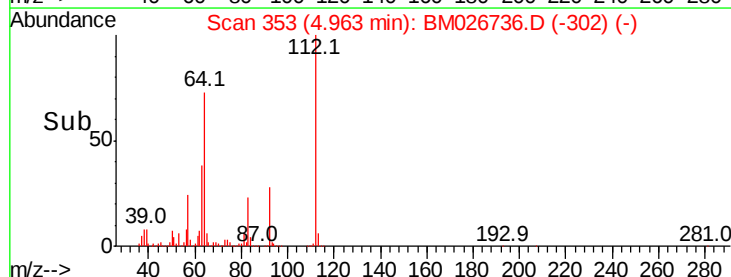
#5

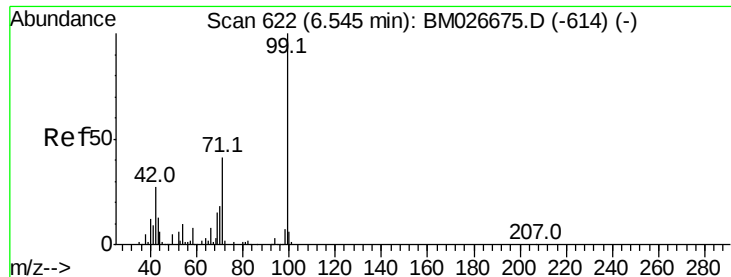
2-Fluorophenol
Concen: 124.239 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Tgt Ion:112 Resp: 831597
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 38.5 31.5 47.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 96.067 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

Instrument :

BNA_M

ClientSampleId :

E3-41-BOILER-ROOM

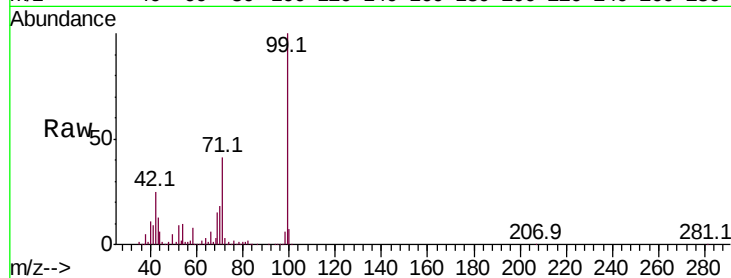
Tot Ion: 99 Resp: 1024503

Ion Ratio Lower Upper

99 100

42 25.1 21.7 32.5

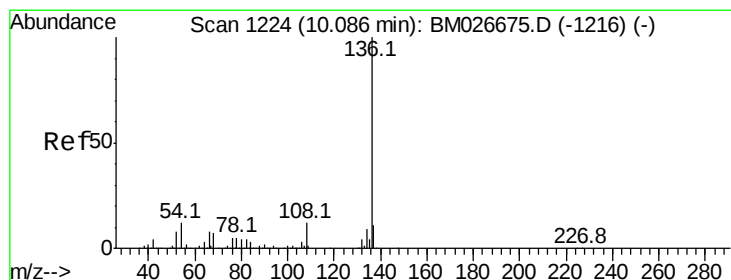
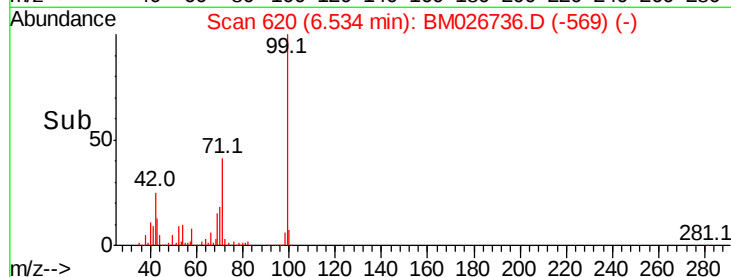
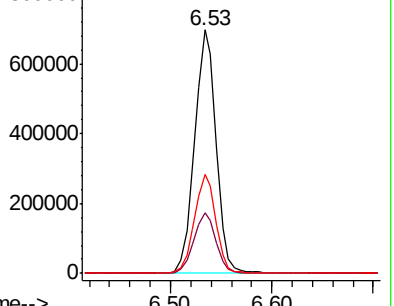
71 40.6 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

Tgt Ion: 136 Resp: 407667

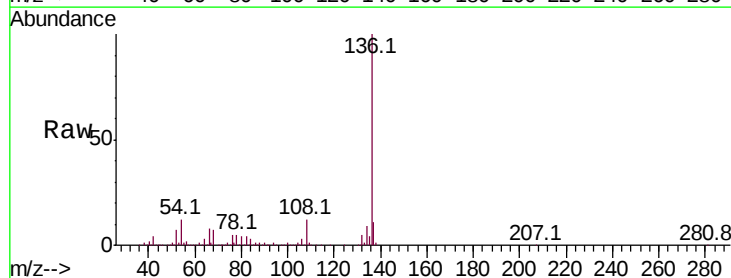
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 11.8 9.8 14.6

68 6.9 5.8 8.6

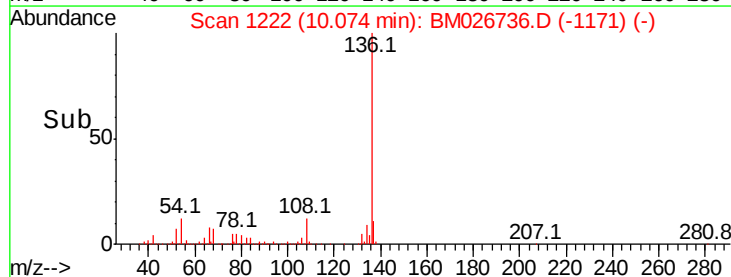
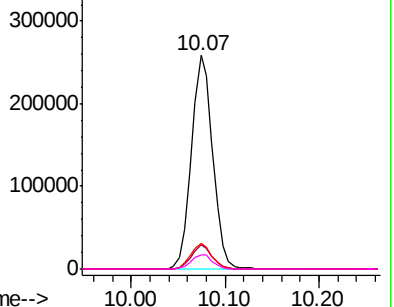


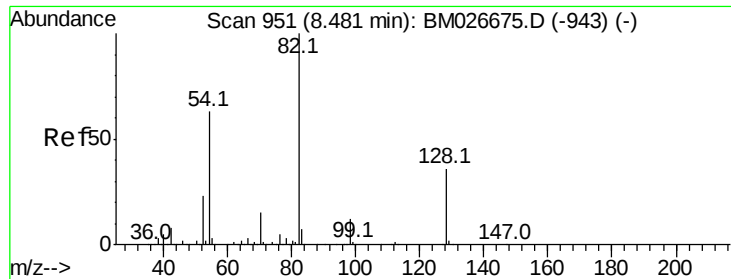
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

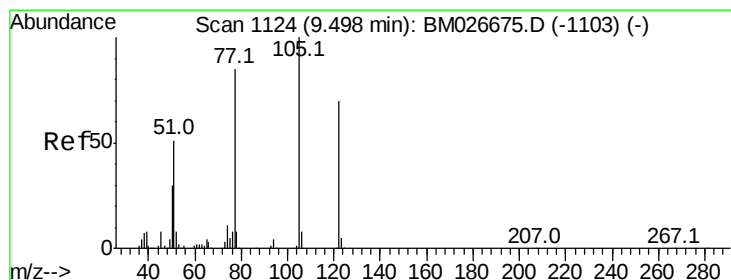
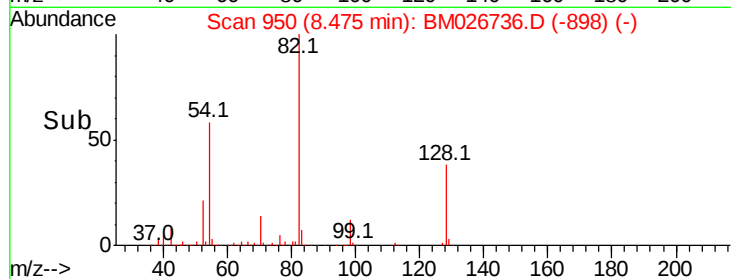
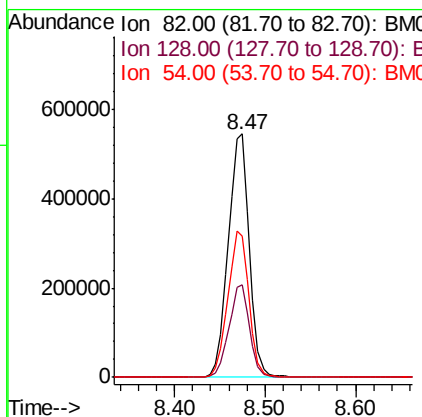
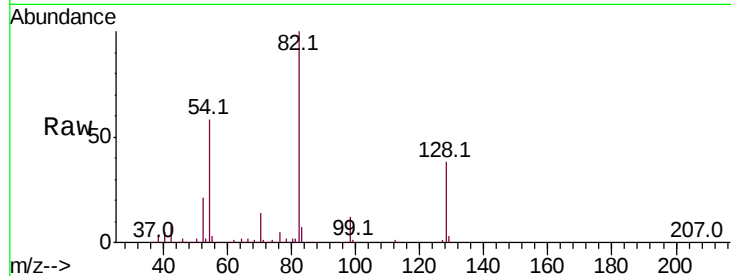




#23
Nitrobenzene-d5
Concen: 92.319 ng
RT: 8.47 min Scan# 950
Delta R.T. 0.01 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

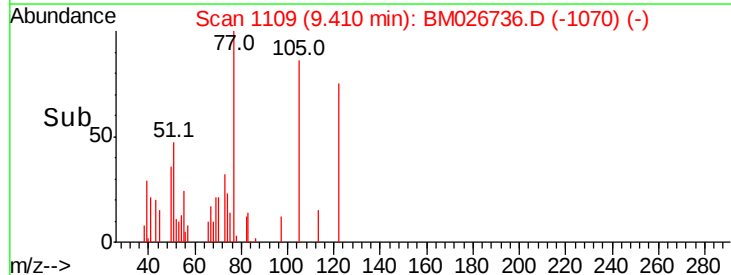
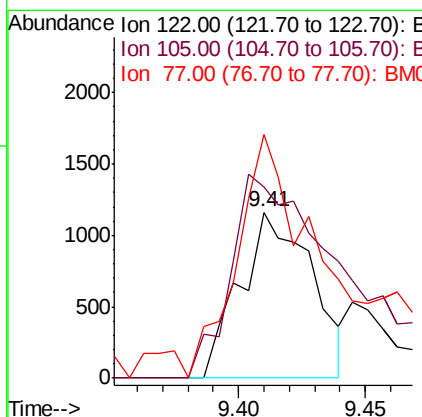
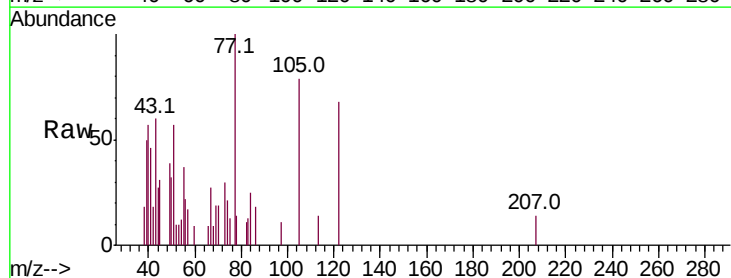
Instrument :
BNA_M
ClientSampleId :
E3-41-BOILER-ROOM

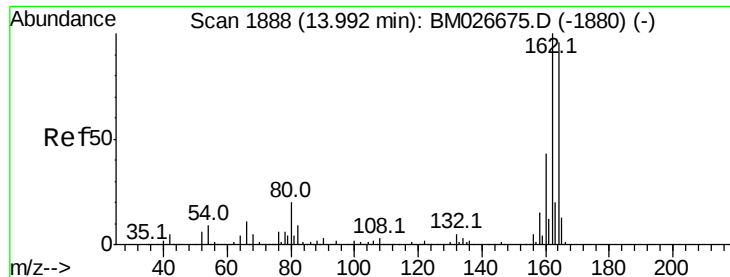
Tot Ion: 82 Resp: 882153
Ion Ratio Lower Upper
82 100
128 37.8 29.1 43.7
54 57.9 50.2 75.4



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.41 min Scan# 1109
Delta R.T. -0.07 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Tgt Ion:122 Resp: 2293
Ion Ratio Lower Upper
122 100
105 115.6 120.9 160.9#
77 146.9 100.0 140.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

Instrument :

BNA_M

ClientSampleId :

E3-41-BOILER-ROOM

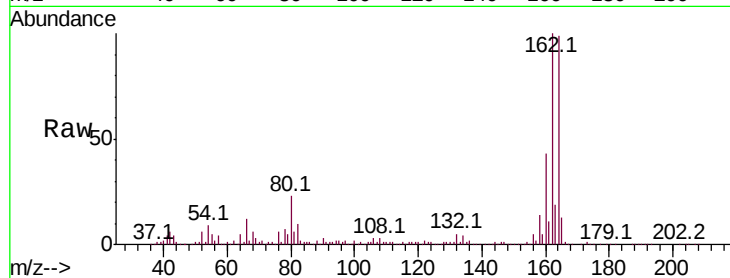
Tot Ion:164 Resp: 223034

Ion Ratio Lower Upper

164 100

162 101.4 83.7 125.5

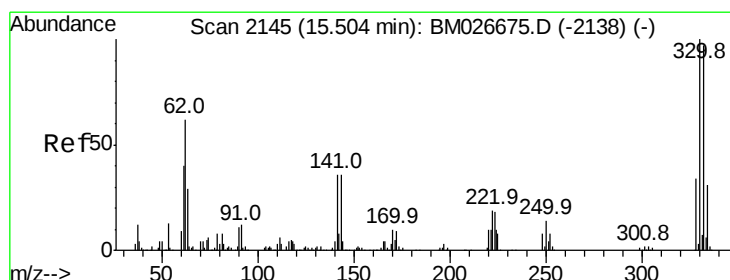
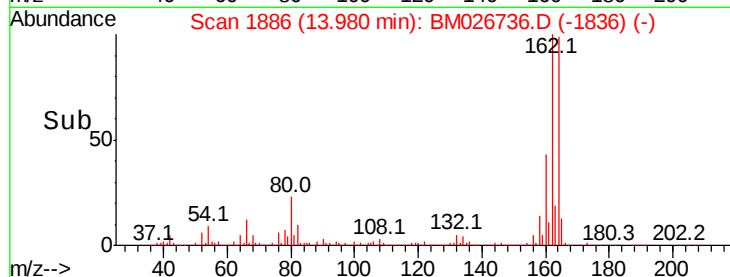
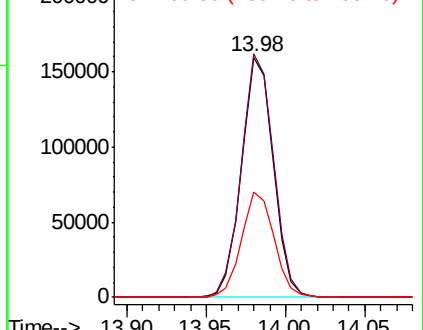
160 43.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 130.693 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

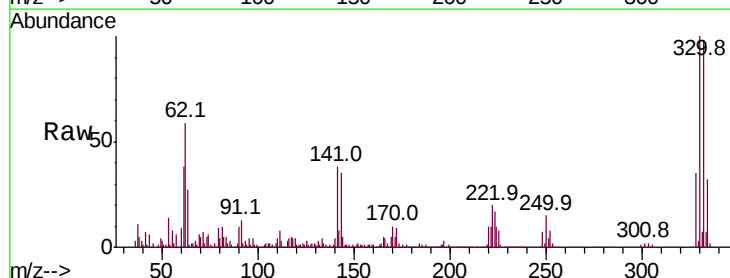
Tgt Ion:330 Resp: 424612

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

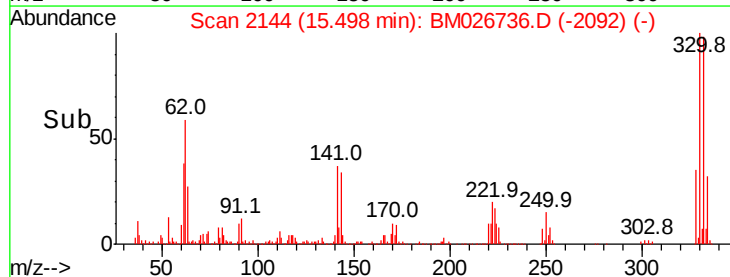
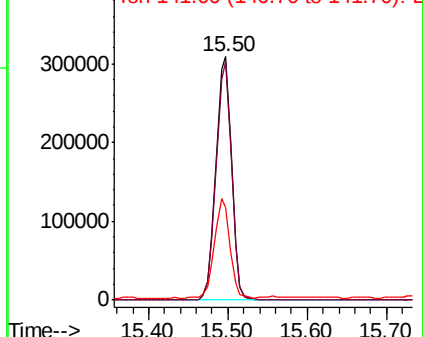
141 41.6 32.4 48.6

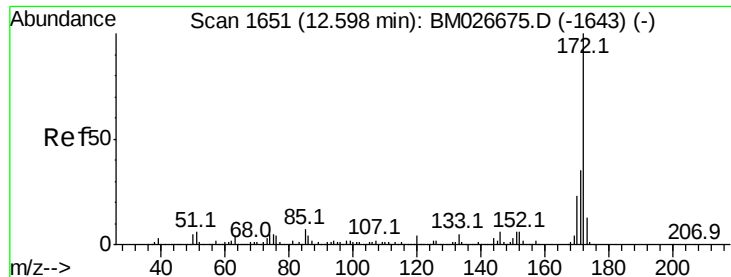


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

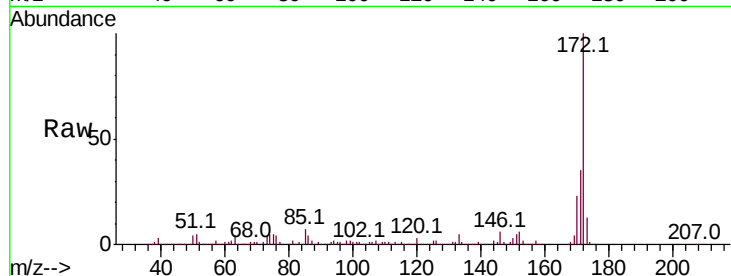




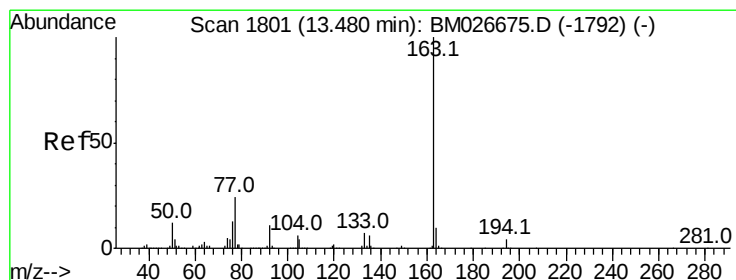
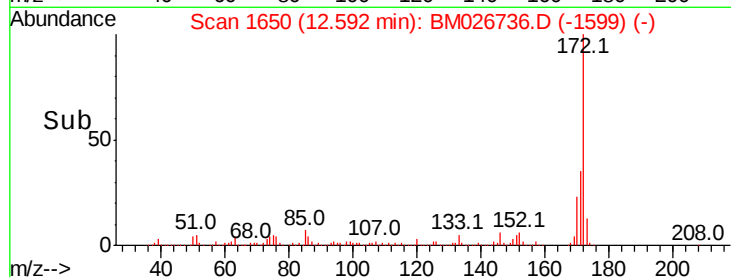
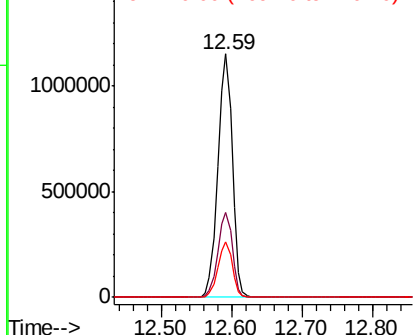
#45
2-Fluorobiphenyl
Concen: 97.533 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Instrument :
BNA_M
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E3-41-BOILER-ROOM

Tot Ion:172 Resp: 1636025
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.0 18.5 27.7

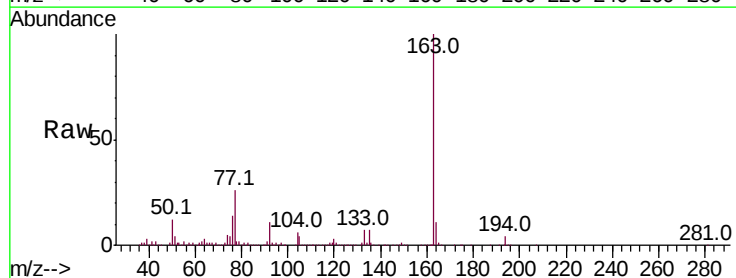


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

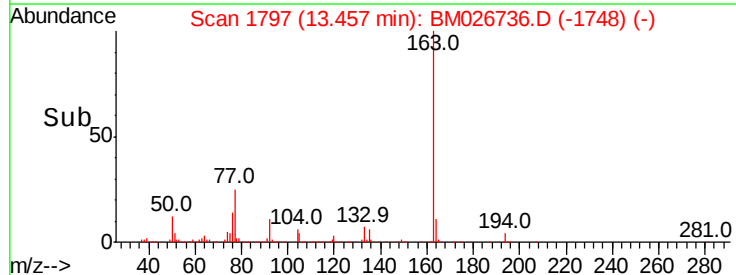
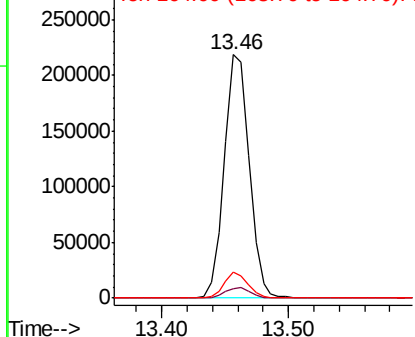


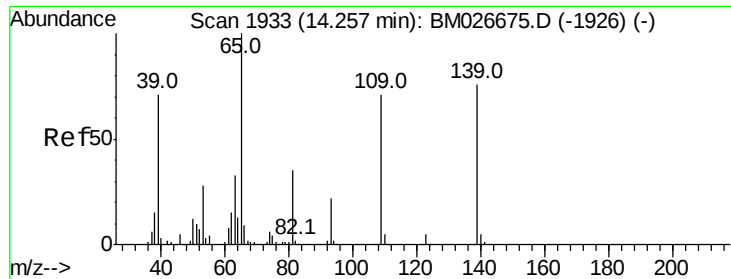
#50
Dimethylphthalate
Concen: 15.706 ng
RT: 13.46 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Tgt Ion:163 Resp: 299631
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.5 7.8 11.6



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





#56

4-Nitrophenol

Concen: 4.069 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

Instrument :

BNA_M

ClientSampleId :

E3-41-BOILER-ROOM

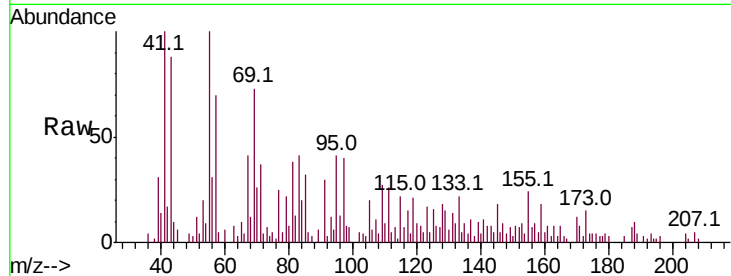
Tot Ion:139 Resp: 612

Ion Ratio Lower Upper

139 100

109 282.0 73.7 113.7#

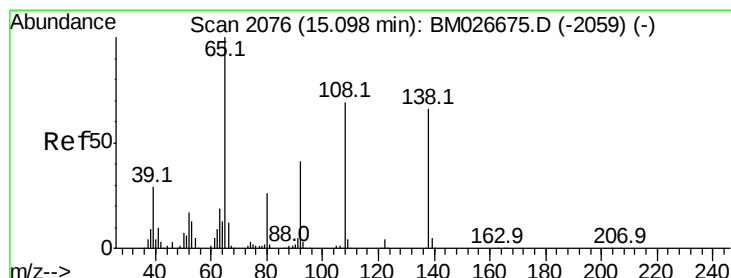
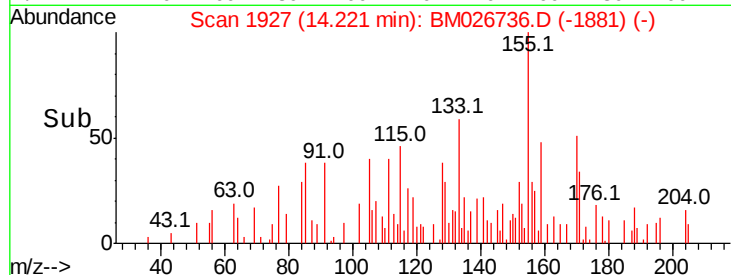
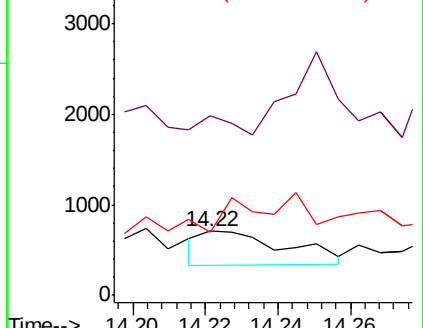
65 99.1 111.5 151.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#62

4-Nitroaniline

Concen: 3.205 ng

RT: 14.94 min Scan# 2049

Delta R.T. -0.15 min

Lab File: BM026736.D

Acq: 10 Jul 2020 16:24

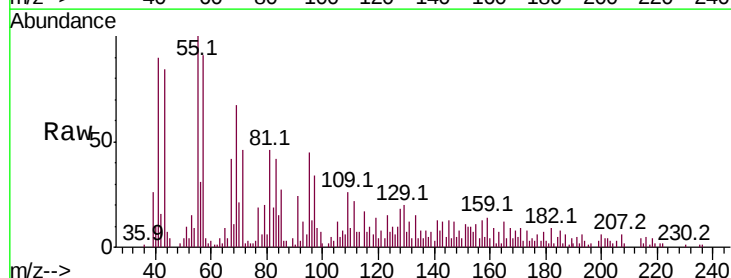
Tgt Ion:138 Resp: 338

Ion Ratio Lower Upper

138 100

92 68.2 41.5 81.5

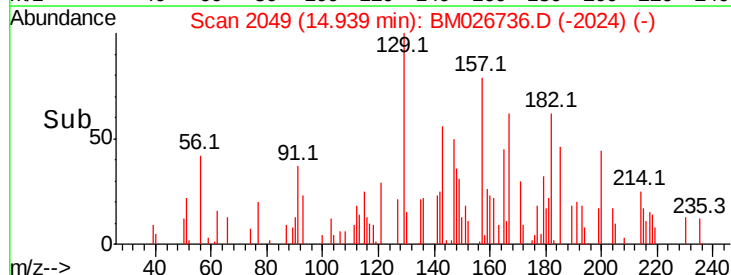
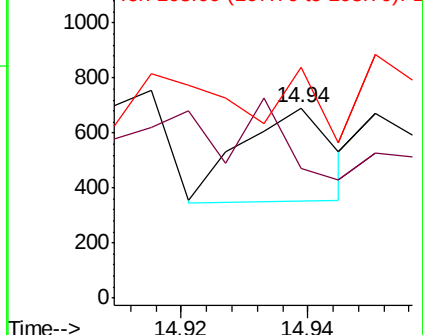
108 121.7 84.8 124.8

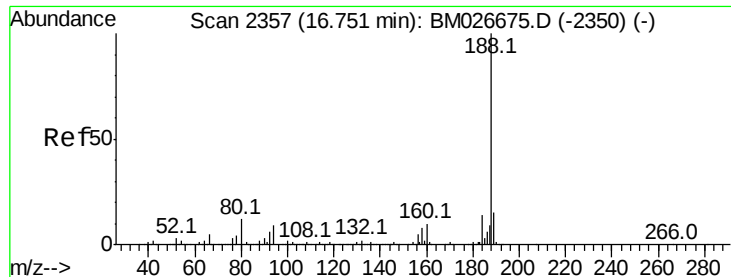


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

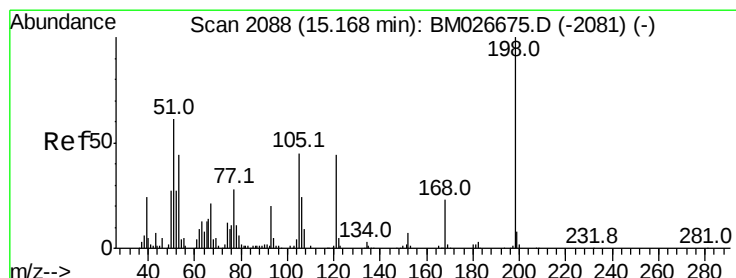
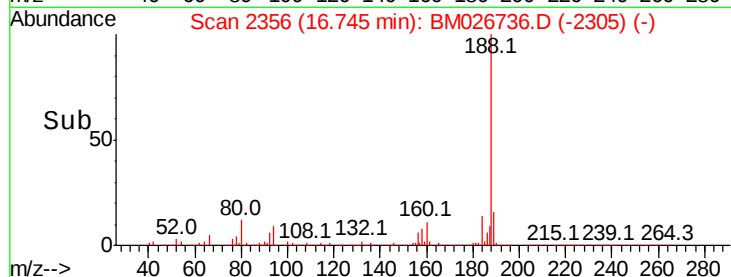
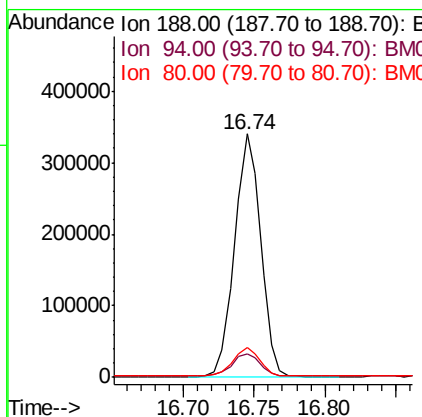
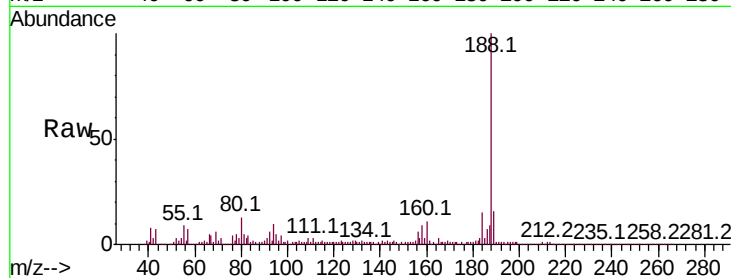




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

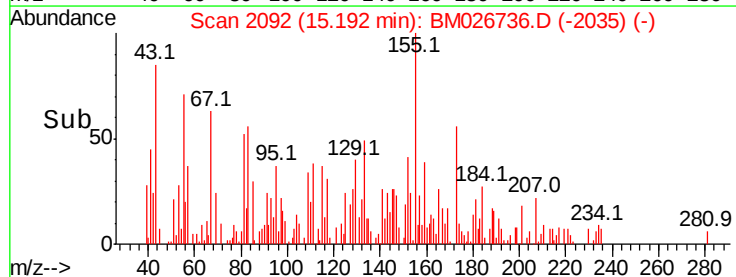
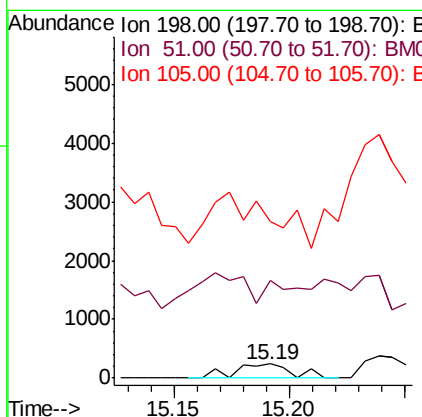
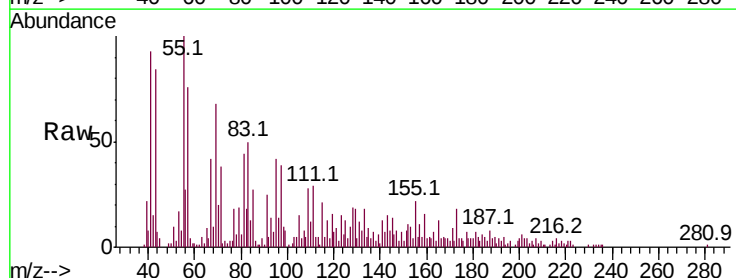
Instrument :
BNA_M
ClientSampleId :
E3-41-BOILER-ROOM

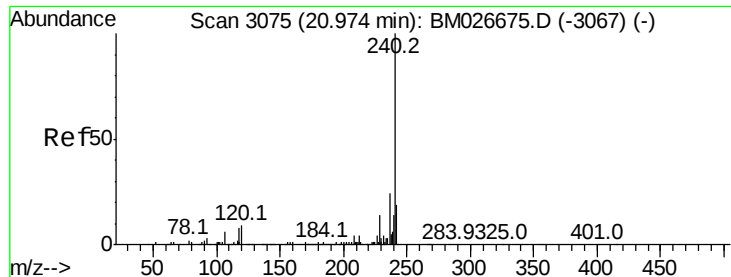
Tot Ion:188 Resp: 439979
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 12.5 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 4.651 ng
RT: 15.19 min Scan# 2092
Delta R.T. 0.04 min
Lab File: BM026736.D
Acq: 10 Jul 2020 16:24

Tgt Ion:198 Resp: 416
Ion Ratio Lower Upper
198 100
51 702.1 42.0 82.0#
105 1125.3 24.9 64.9#

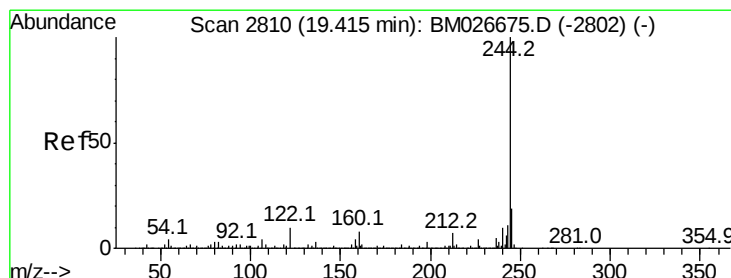
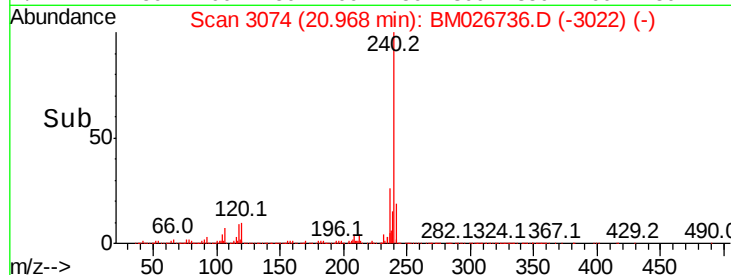
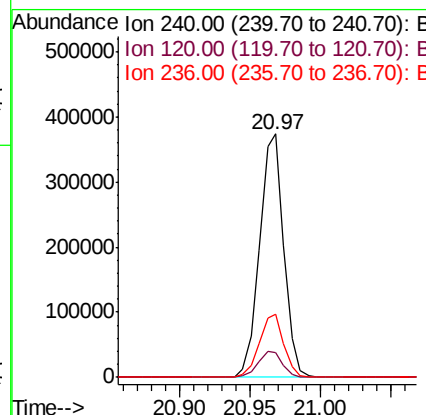
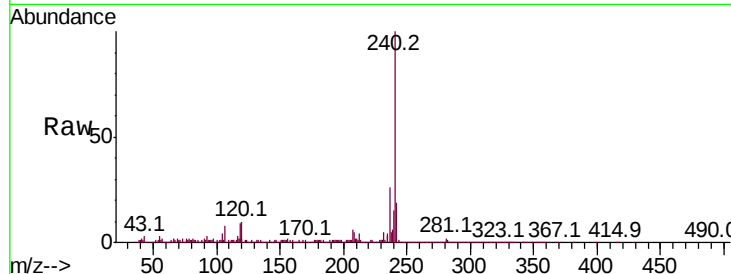




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.97 min Scan# 3074
 Delta R.T. 0.01 min
 Lab File: BM026736.D
 Acq: 10 Jul 2020 16:24

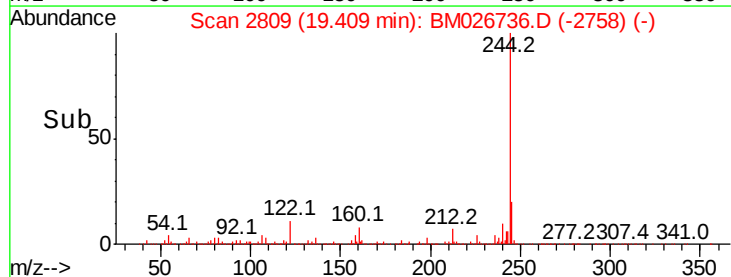
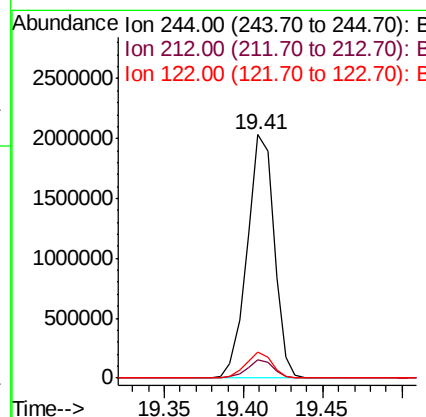
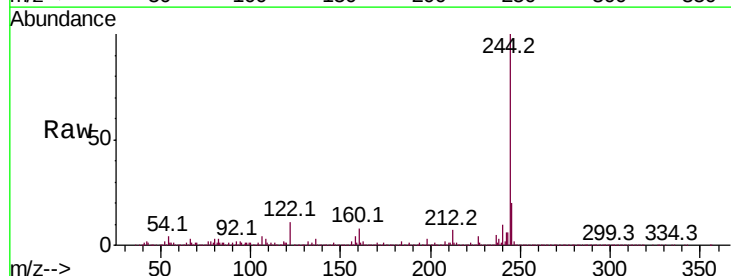
Instrument :
 BNA_M
 ClientSampleId :
 E3-41-BOILER-ROOM

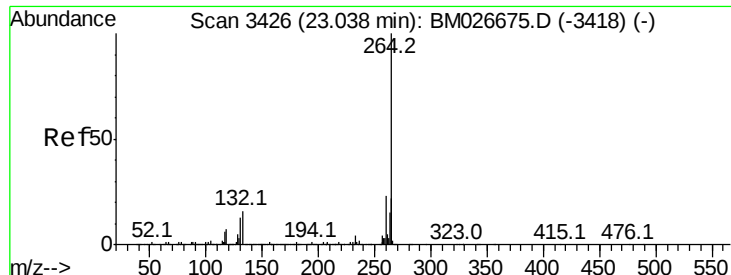
Tot Ion:240 Resp: 449751
 Ion Ratio Lower Upper
 240 100
 120 10.0 7.3 10.9
 236 25.7 19.4 29.2



#79
 Terphenyl-d14
 Concen: 105.189 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BM026736.D
 Acq: 10 Jul 2020 16:24

Tgt Ion:244 Resp: 2403885
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 8.2 12.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM026736.D
 Acq: 10 Jul 2020 16:24

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-BOILER-ROOM

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.1	17.6	26.4

