

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026640.D
 Acq On : 01 Jul 2020 17:10
 Operator : JU/CG
 Sample : L3153-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP1-A

Quant Time: Jul 01 17:45:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:20:43 2020
 Response via : Initial Calibration

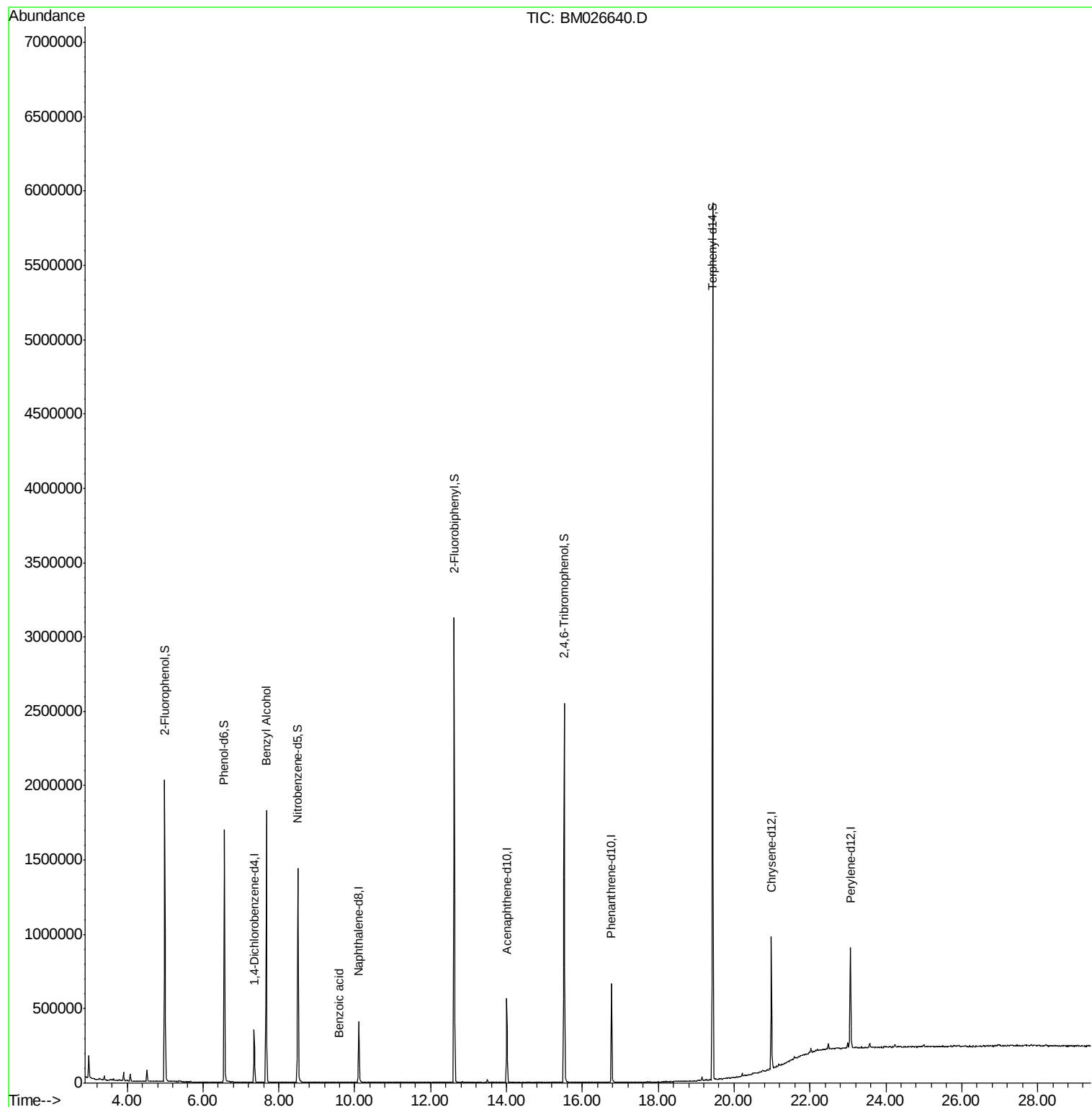
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	81034	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	294702	20.00	ng	0.00
39) Acenaphthene-d10	14.01	164	170924	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	359327	20.00	ng	0.00
76) Chrysene-d12	20.99	240	396644	20.00	ng	0.00
86) Perylene-d12	23.07	264	413590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	677305	147.78	ng	0.00
7) Phenol-d6	6.56	99	777212	117.11	ng	0.00
23) Nitrobenzene-d5	8.50	82	743112	123.81	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	381565	184.29	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	1425889	126.63	ng	0.00
79) Terphenyl-d14	19.43	244	2439076	119.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.67	79	13551	2.404	ng	# 46
32) Benzoic acid	9.59	122	53	5.178	ng	# 6

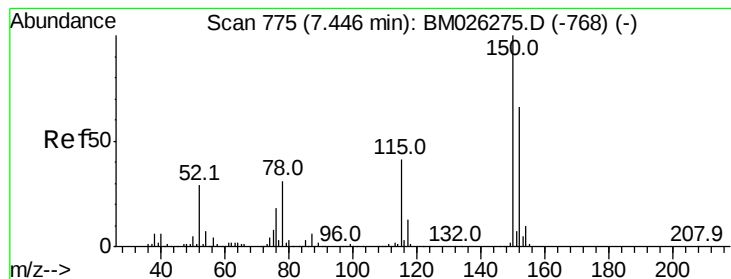
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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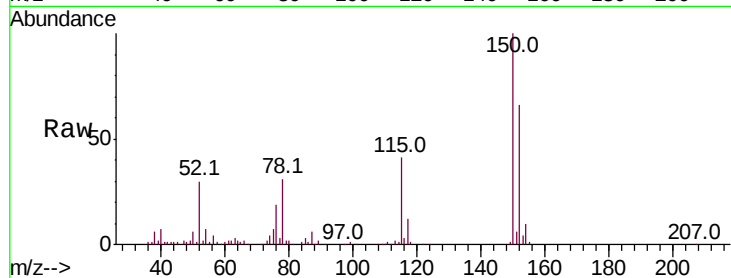




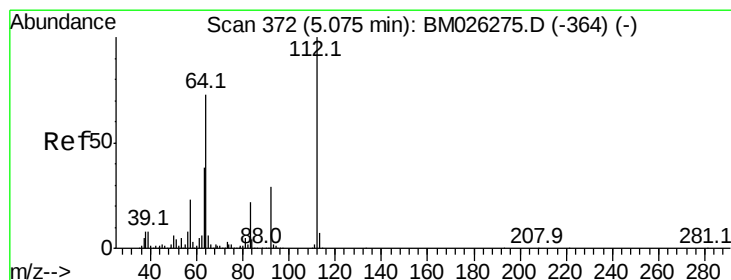
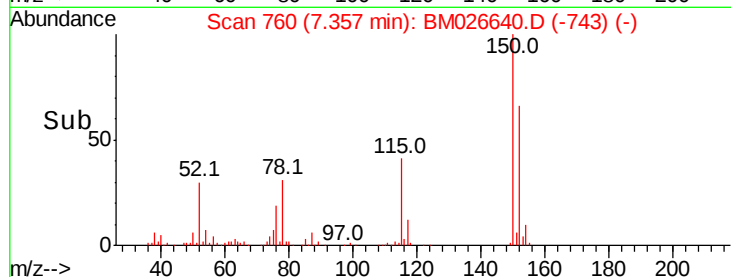
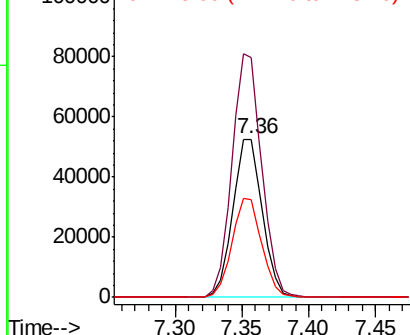
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.36 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleId :
 SP1-A

Tot Ion:152 Resp: 81034
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.8 191.6
 115 61.8 51.5 77.3

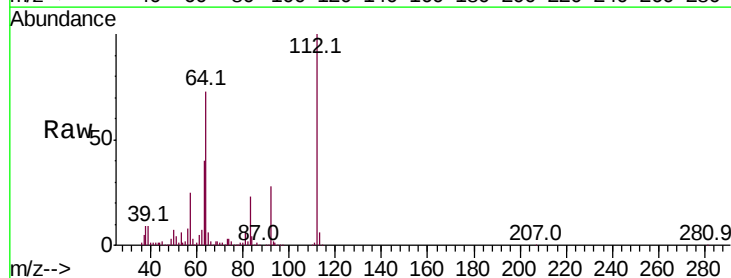


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

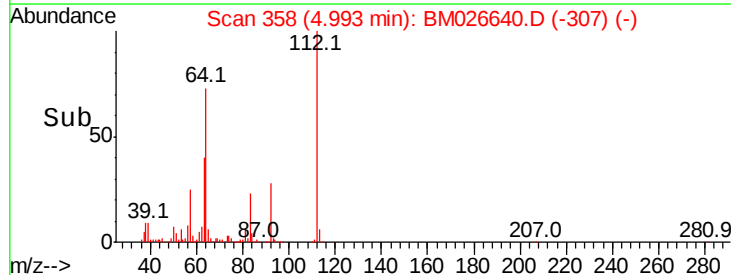
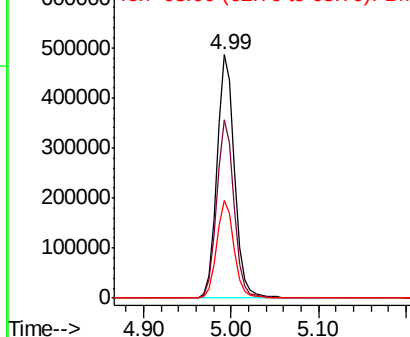


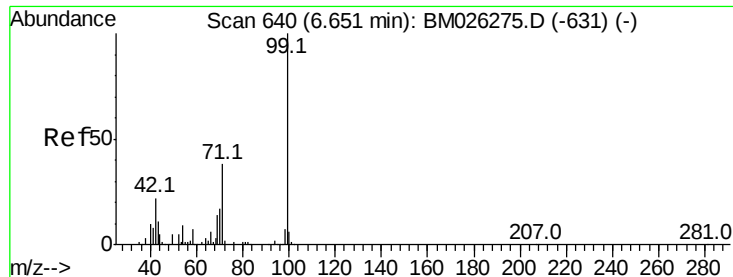
#5
 2-Fluorophenol
 Concen: 147.778 ng
 RT: 4.99 min Scan# 358
 Delta R.T. -0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Tgt Ion:112 Resp: 677305
 Ion Ratio Lower Upper
 112 100
 64 73.4 56.0 84.0
 63 40.0 29.0 43.6



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: 117.106 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026640.D

Acq: 01 Jul 2020 17:10

Instrument :

BNA_M

ClientSampleId :

SP1-A

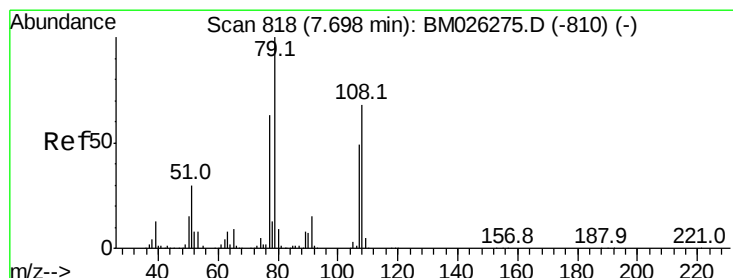
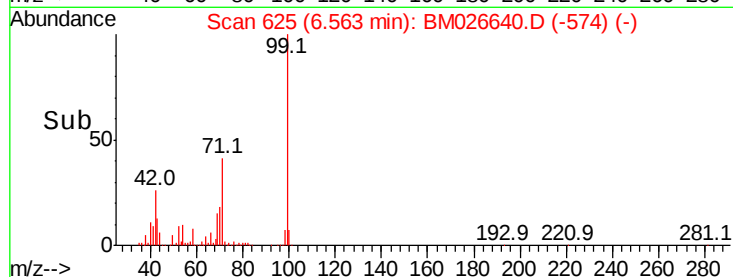
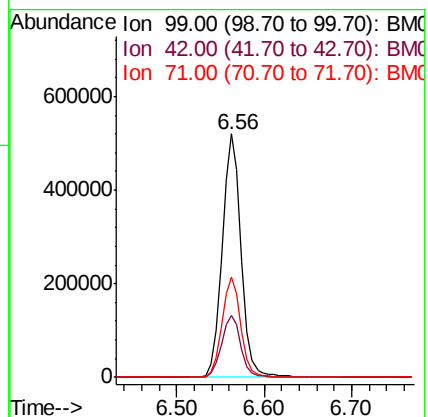
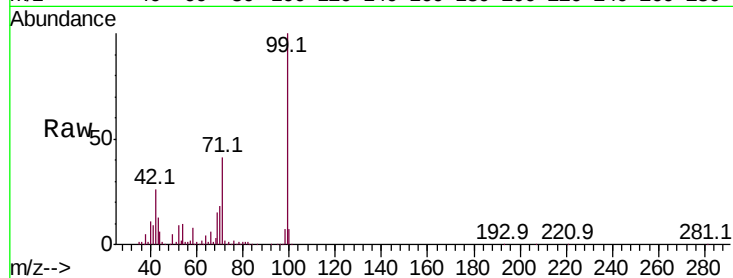
Tot Ion: 99 Resp: 777212

Ion Ratio Lower Upper

99 100

42 25.6 17.8 26.6

71 41.4 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.404 ng

RT: 7.67 min Scan# 813

Delta R.T. 0.06 min

Lab File: BM026640.D

Acq: 01 Jul 2020 17:10

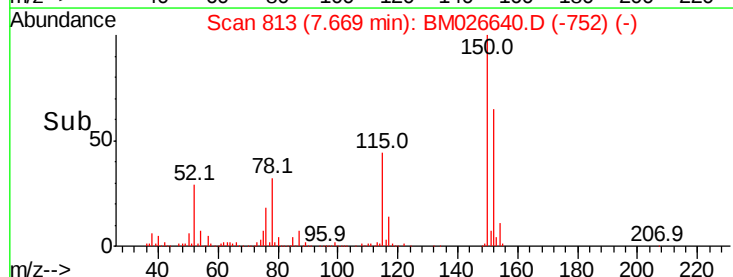
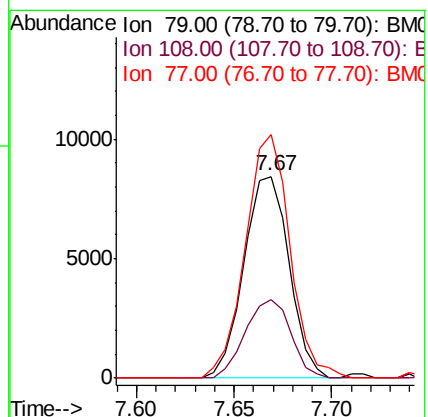
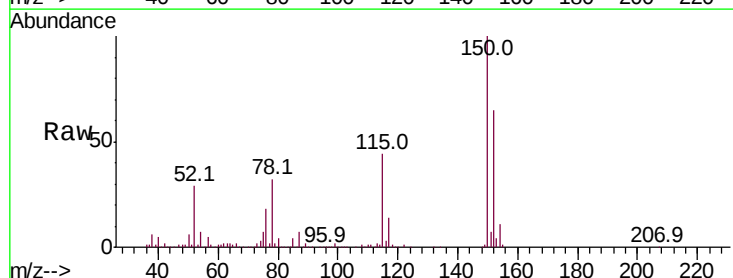
Tgt Ion: 79 Resp: 13551

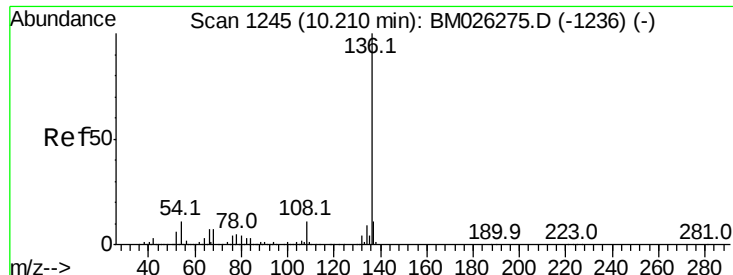
Ion Ratio Lower Upper

79 100

108 39.2 54.6 82.0#

77 120.9 51.0 76.4#

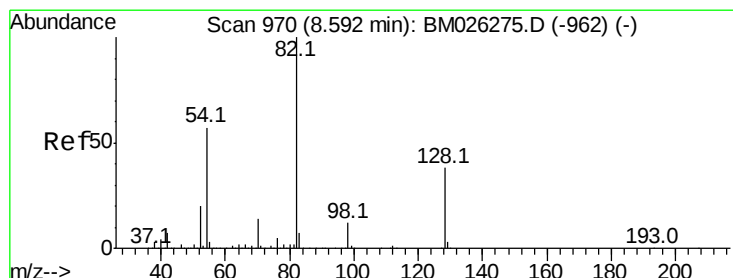
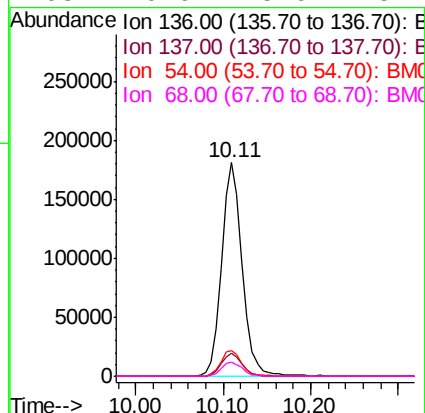
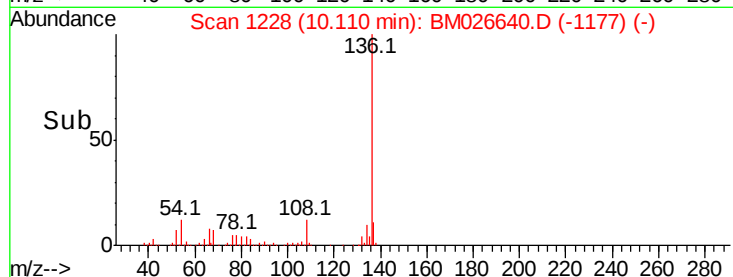
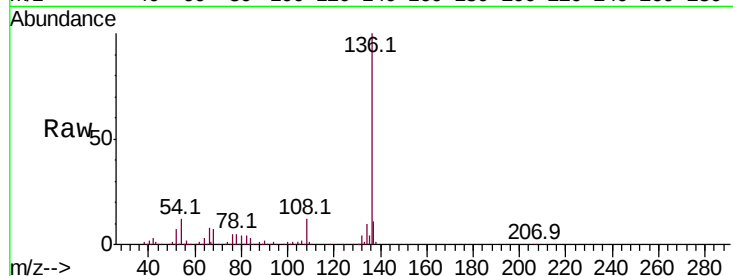




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BM026640.D
Acq: 01 Jul 2020 17:10

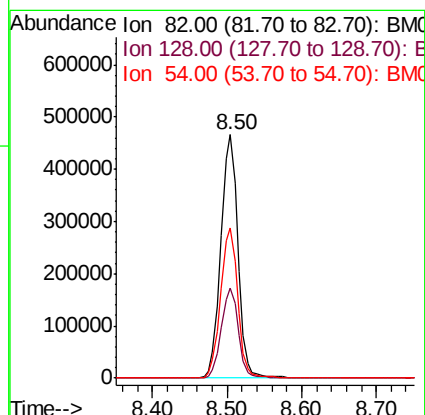
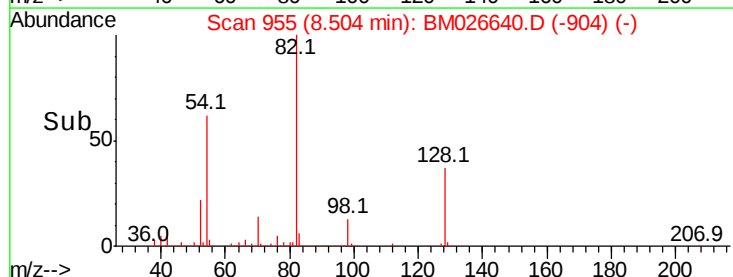
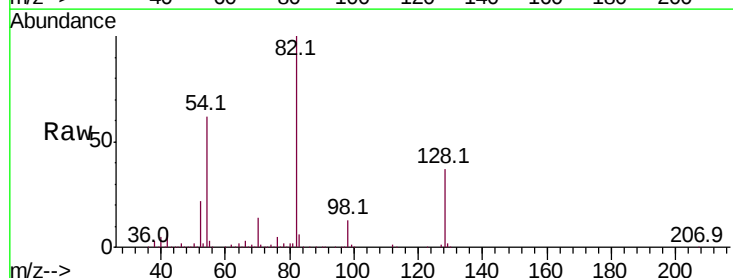
Instrument :
BNA_M
ClientSampleId :
SP1-A

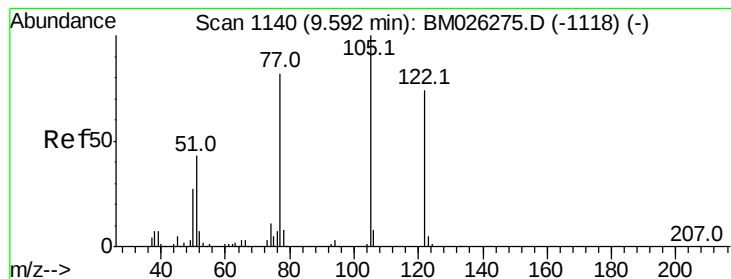
Tot Ion:136	Resp:	294702
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.5	12.7
54 12.1	9.0	13.6
68 6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 123.809 ng
RT: 8.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM026640.D
Acq: 01 Jul 2020 17:10

Tgt Ion: 82	Resp: 743112
Ion Ratio	Lower Upper
82 100	
128 36.9	31.0 46.6
54 61.9	45.4 68.2





#32

Benzoic acid

Concen: 5.178 ng

RT: 9.59 min Scan# 1139

Delta R.T. 0.07 min

Lab File: BM026640.D

Acq: 01 Jul 2020 17:10

Instrument :

BNA_M

ClientSampleId :

SP1-A

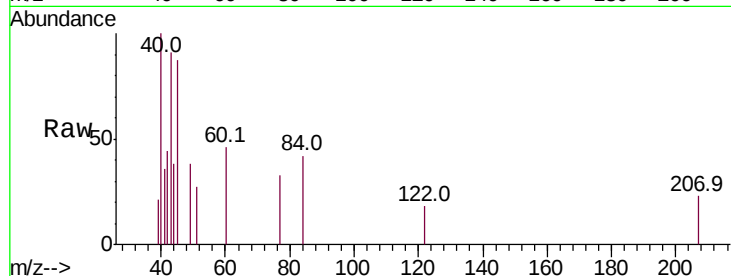
Tot Ion:122 Resp: 53

Ion Ratio Lower Upper

122 100

105 0.0 108.9 148.9#

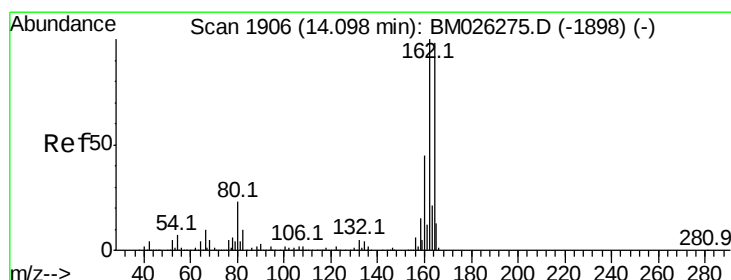
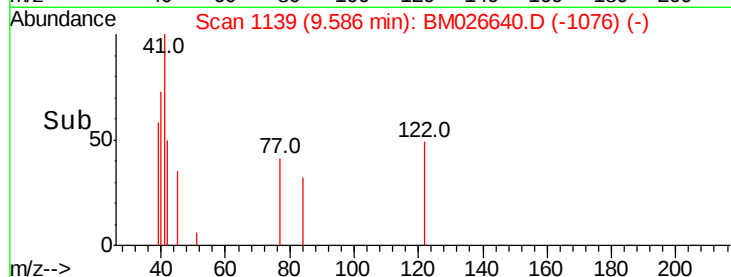
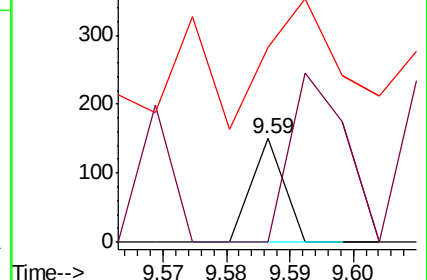
77 188.0 90.1 130.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM026640.D

Acq: 01 Jul 2020 17:10

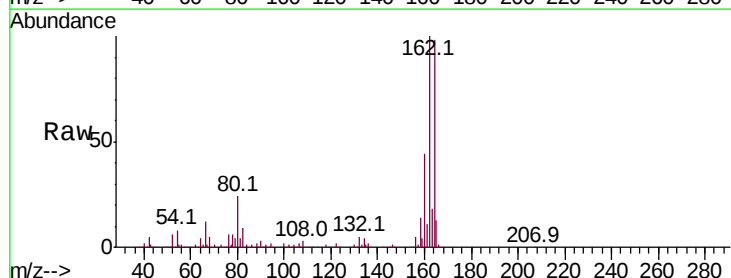
Tgt Ion:164 Resp: 170924

Ion Ratio Lower Upper

164 100

162 102.4 77.7 116.5

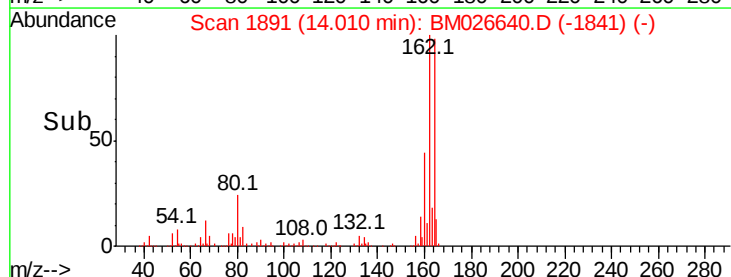
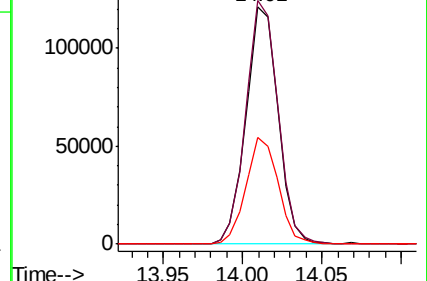
160 44.6 34.2 51.2

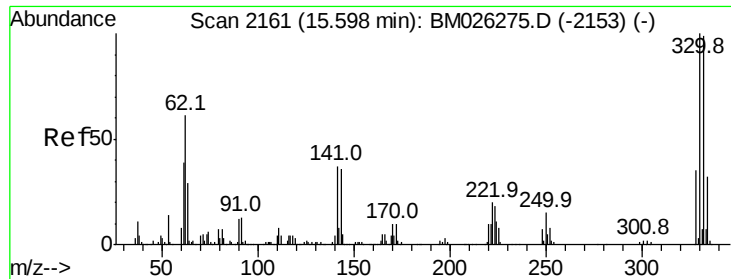


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

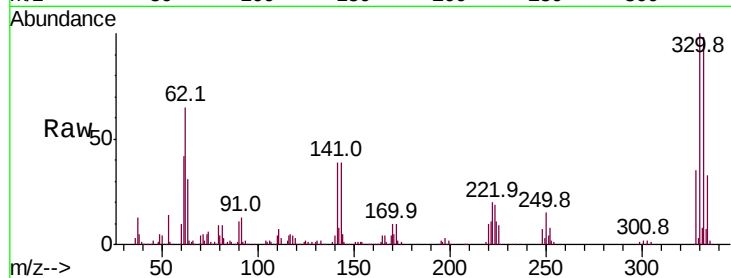




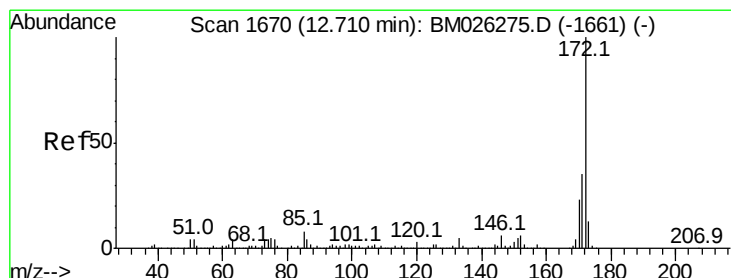
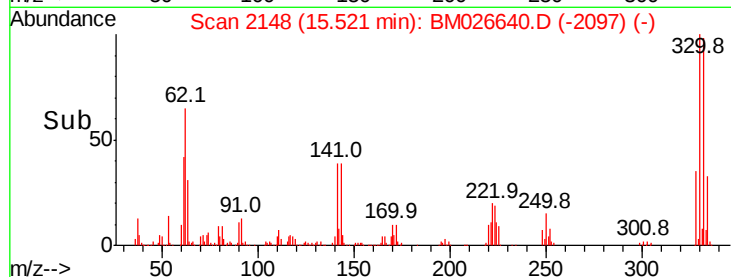
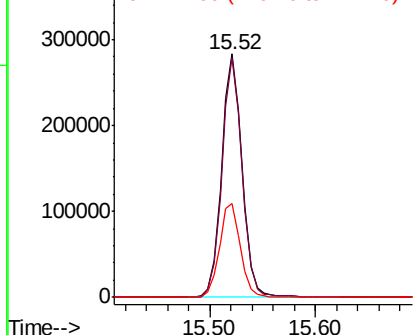
#42
 2,4,6-Tribromophenol
 Concen: 184.287 ng
 RT: 15.52 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleId :
 SP1-A

Tot Ion:330 Resp: 381565
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.7 116.5
 141 40.1 29.7 44.5

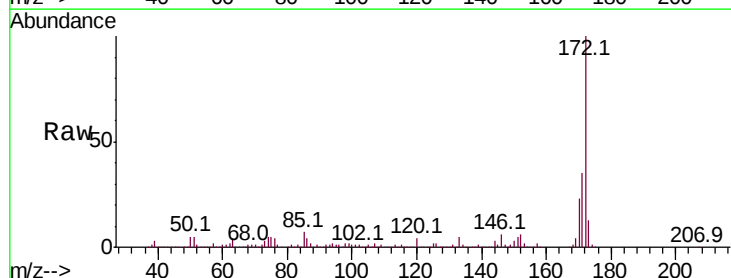


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

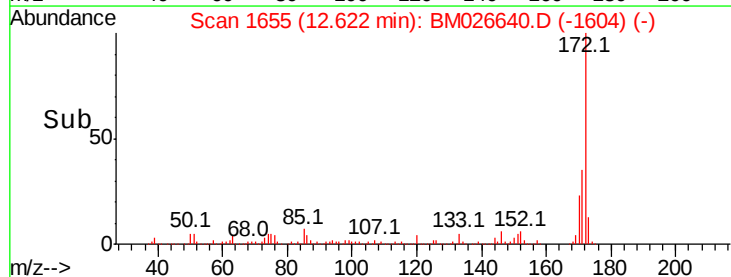
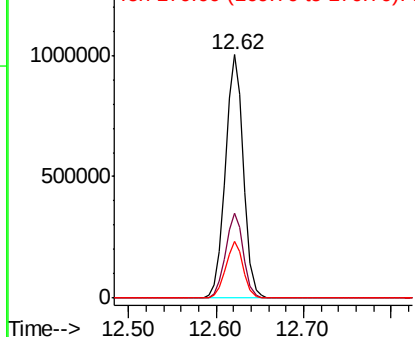


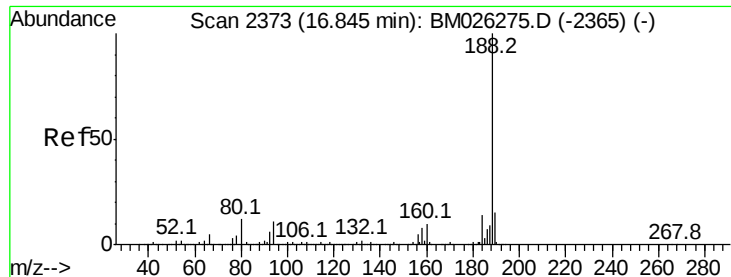
#45
 2-Fluorobiphenyl
 Concen: 126.632 ng
 RT: 12.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Tgt Ion:172 Resp: 1425889
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 23.2 18.2 27.4



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

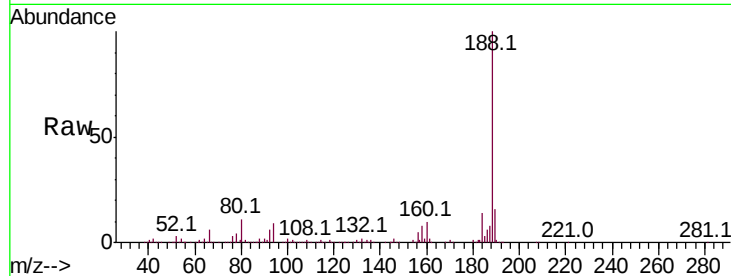




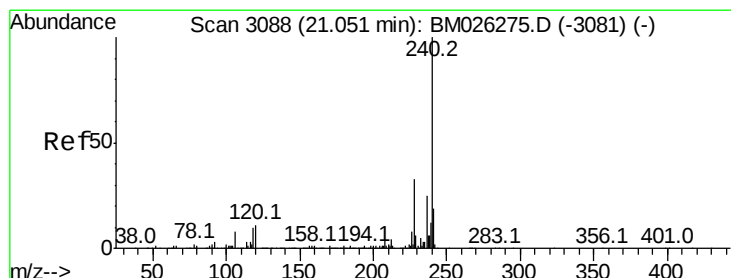
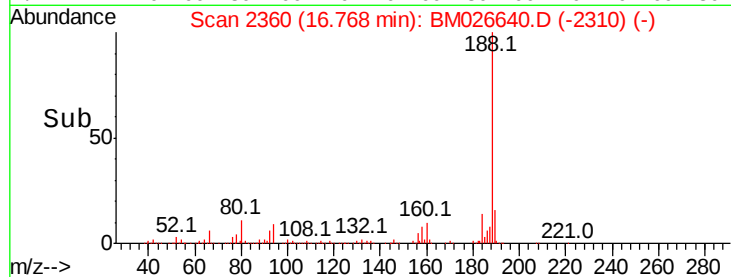
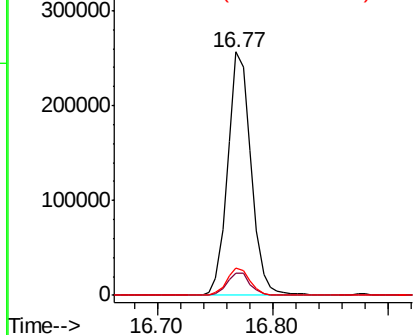
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.77 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BM026640.D
Acq: 01 Jul 2020 17:10

Instrument :
BNA_M
ClientSampleId :
SP1-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	11.1	9.5	14.3

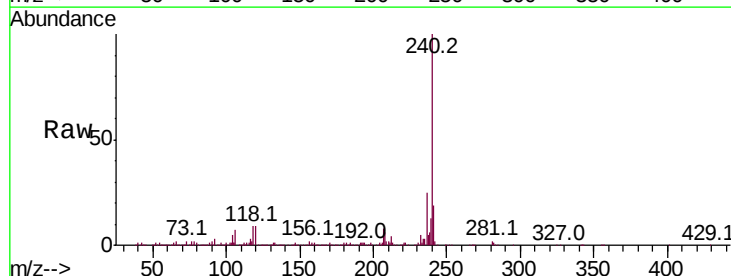


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

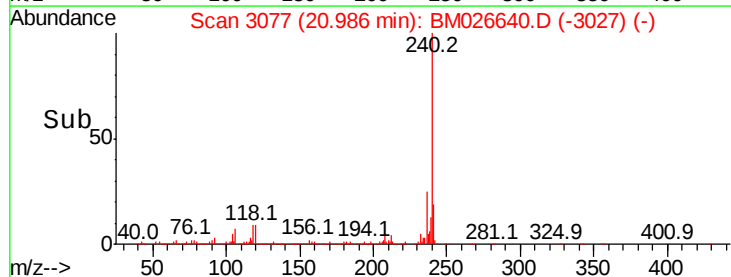
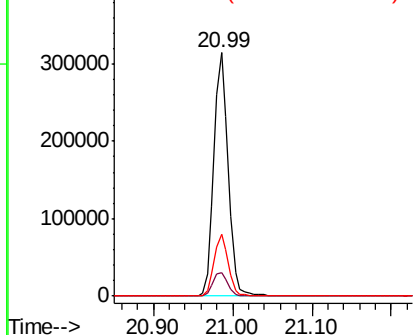


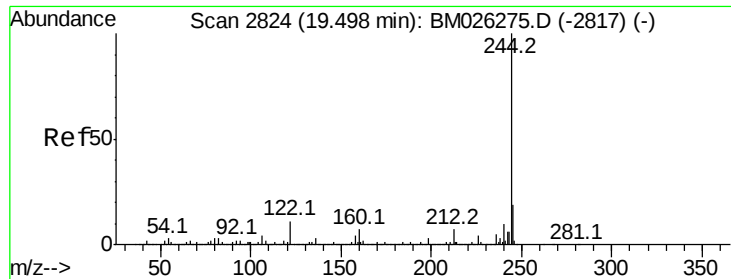
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026640.D
Acq: 01 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.3	13.9
236	25.5	19.4	29.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

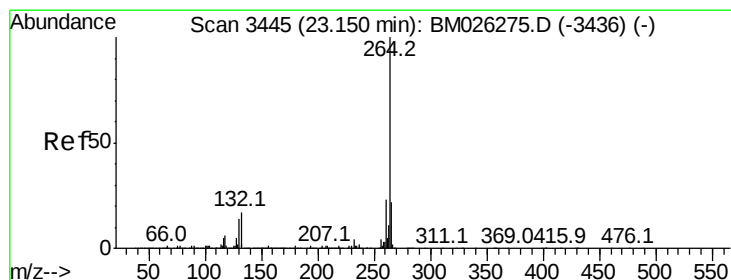
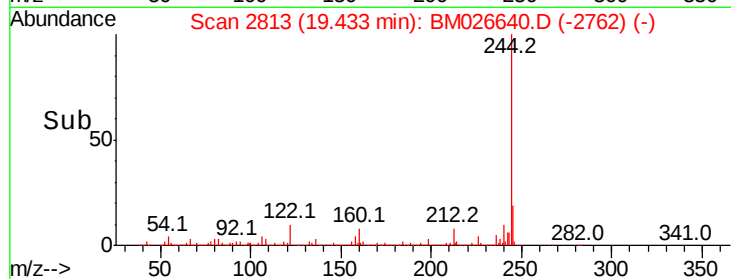
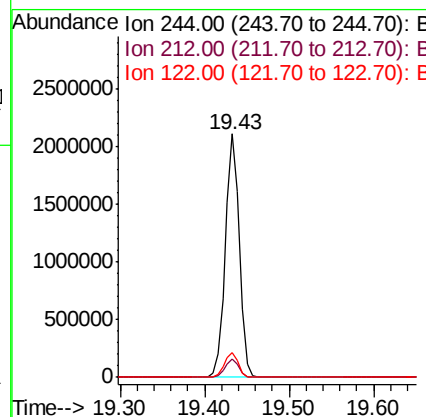
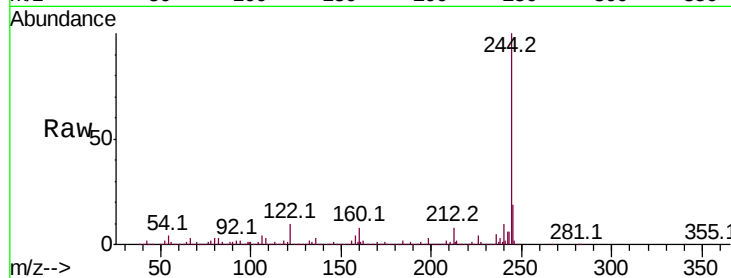




#79
 Terphenyl-d14
 Concen: 119.368 ng
 RT: 19.43 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleId :
 SP1-A

Tot Ion:244 Resp: 2439076
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.07 min Scan# 3431
 Delta R.T. -0.00 min
 Lab File: BM026640.D
 Acq: 01 Jul 2020 17:10

Tgt Ion:264 Resp: 413590
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.2 17.8 26.6

