

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070720\
 Data File : BM026673.D
 Acq On : 07 Jul 2020 09:57
 Operator : JU/CG
 Sample : PB129897BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 07 10:33:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 06 18:41:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	104758	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	461103	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	308754	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	715143	20.00	ng	0.00
76) Chrysene-d12	20.97	240	850067	20.00	ng	0.00
86) Perylene-d12	23.04	264	957927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	803773	126.74	ng	0.00
7) Phenol-d6	6.55	99	1151300	116.74	ng	0.00
23) Nitrobenzene-d5	8.48	82	922526	84.81	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	608002	136.30	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1982020	85.06	ng	0.00
79) Terphenyl-d14	19.42	244	4383029	98.14	ng	0.00

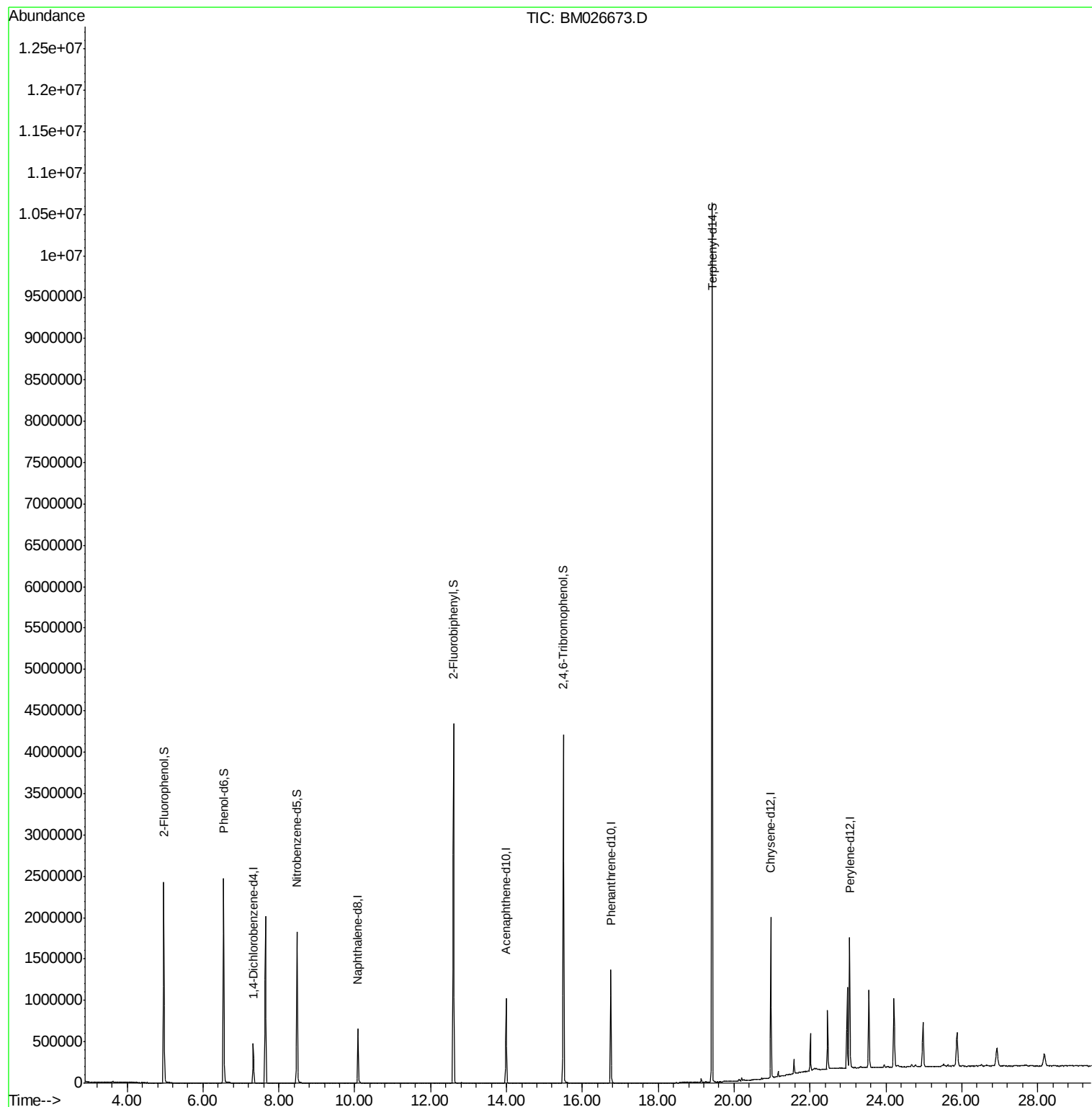
Target Compounds Qvalue

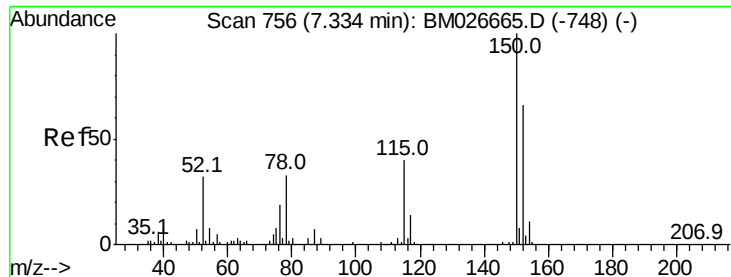
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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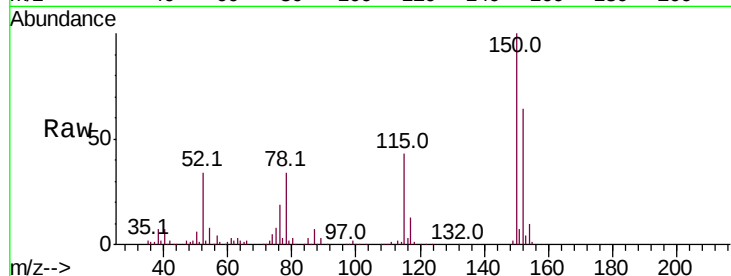


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.1	181.7
115	67.1	48.6	73.0

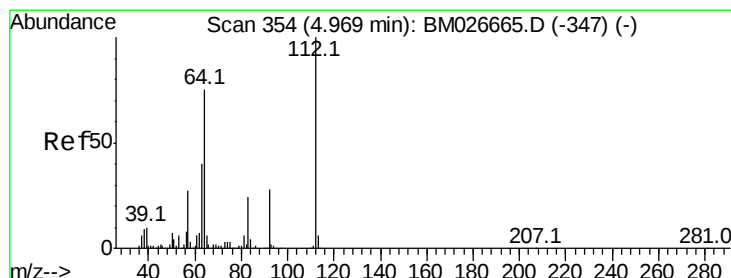
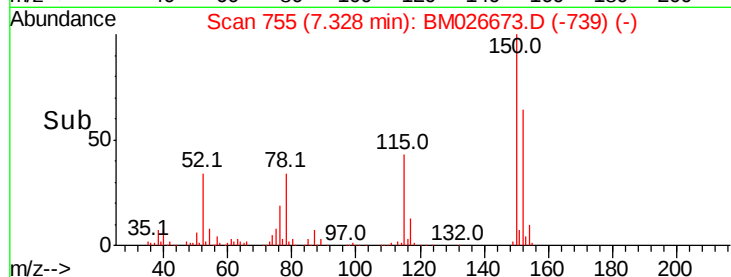
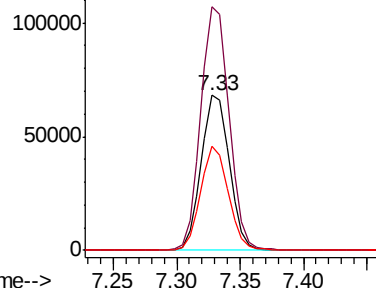


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

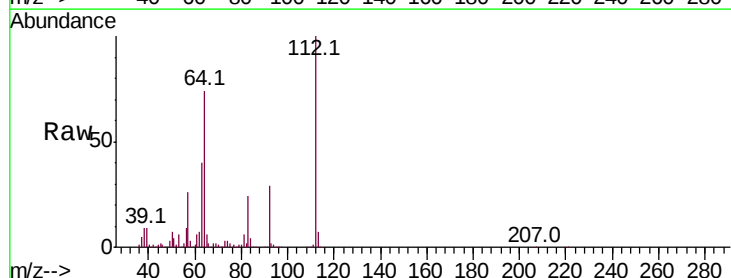
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.744 ng
RT: 4.97 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	59.8	89.6
63	40.1	32.2	48.4

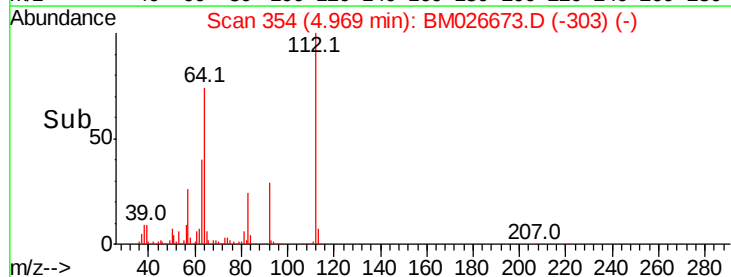
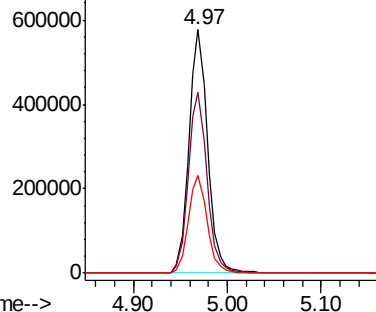


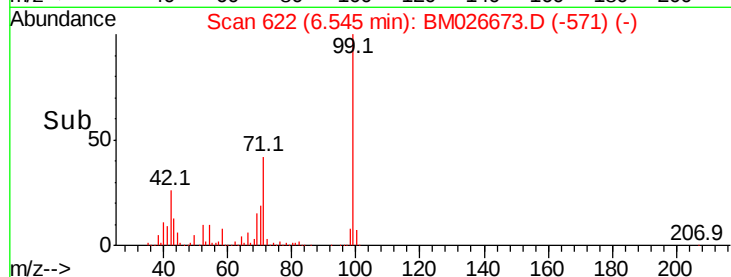
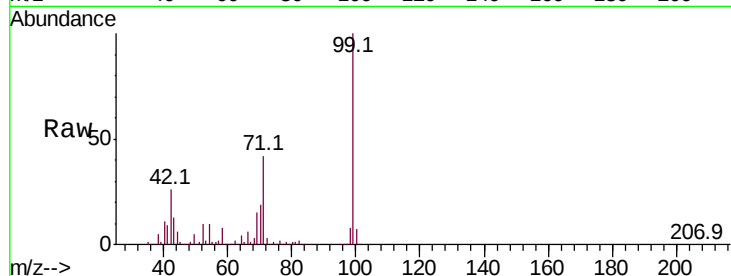
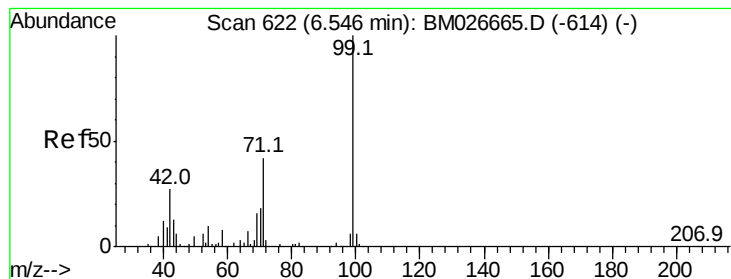
Abundance

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: 116.743 ng

RT: 6.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BM026673.D

Acq: 07 Jul 2020 09:57

Instrument :

BNA_M

ClientSampled :

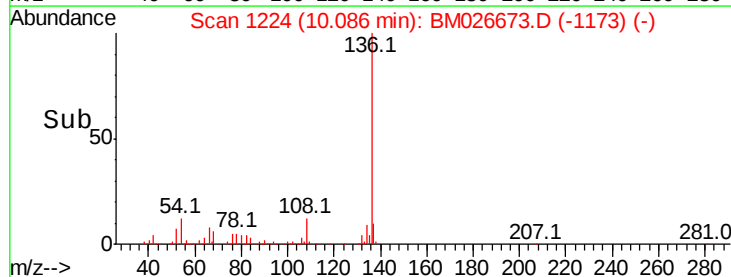
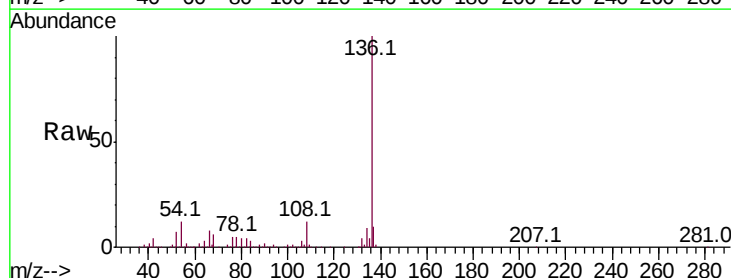
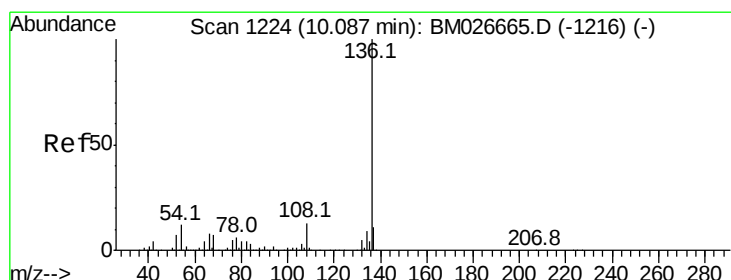
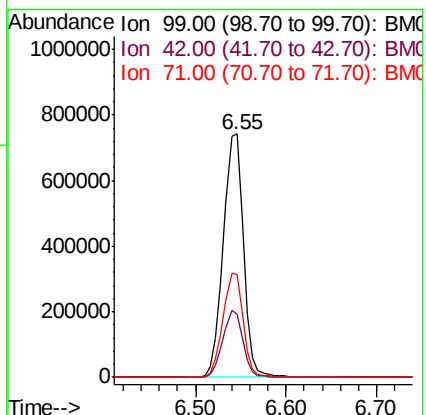
Tot Ion: 99 Resp: 1151300

Ion Ratio Lower Upper

99 100

42 26.2 22.0 33.0

71 42.1 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.09 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM026673.D

Acq: 07 Jul 2020 09:57

Tgt Ion: 136 Resp: 461103

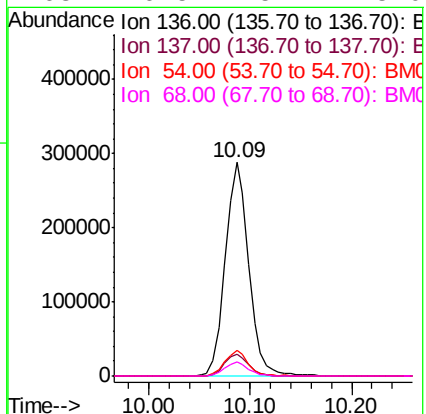
Ion Ratio Lower Upper

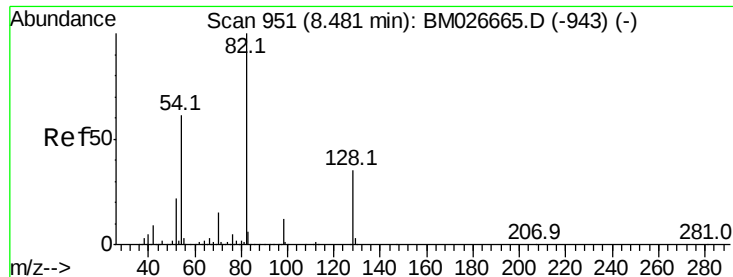
136 100

137 10.2 8.9 13.3

54 11.9 9.9 14.9

68 6.5 5.4 8.0

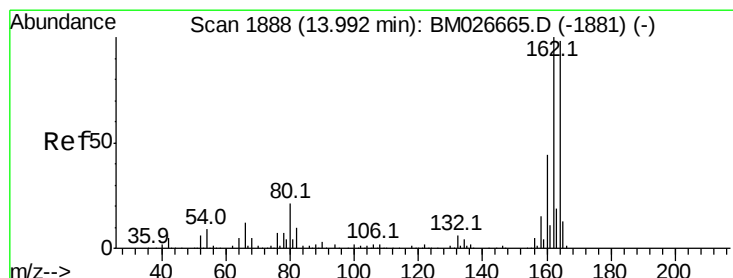
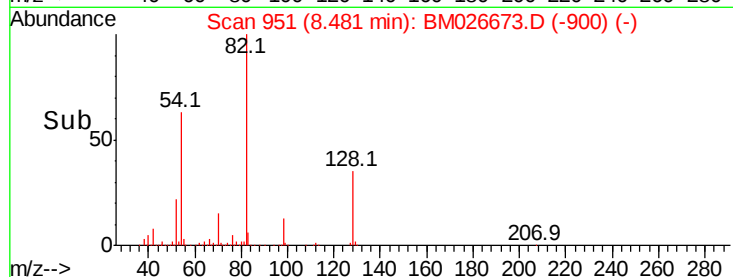
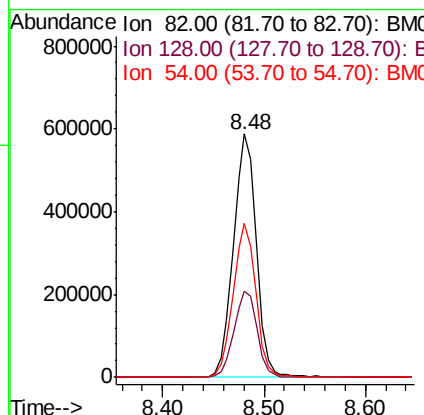
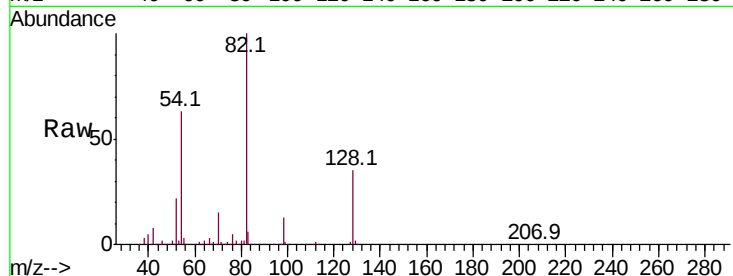




#23
Nitrobenzene-d5
Concen: 84.811 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

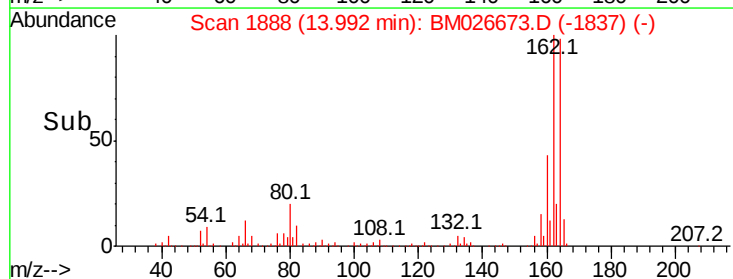
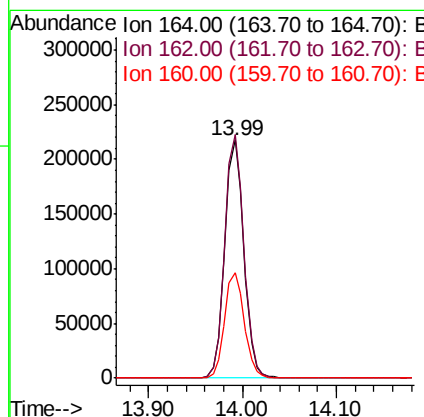
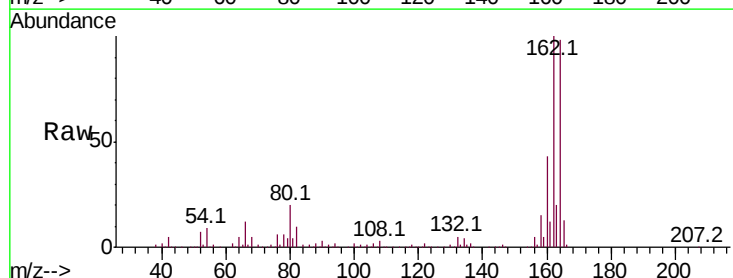
Instrument :
BNA_M
ClientSampled :

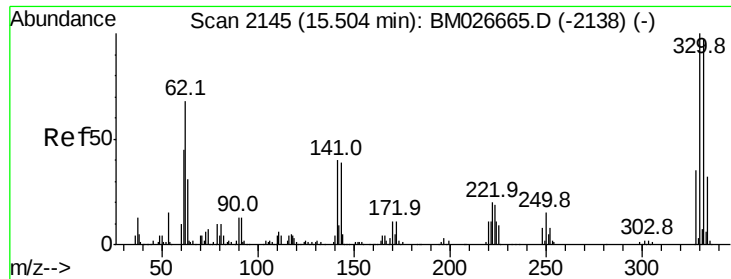
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.2	42.2
54	63.3	49.0	73.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	44.2	35.8	53.6

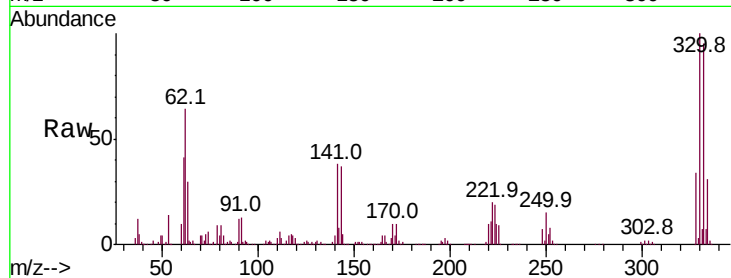




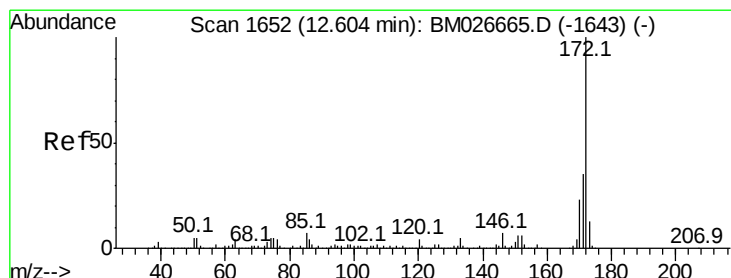
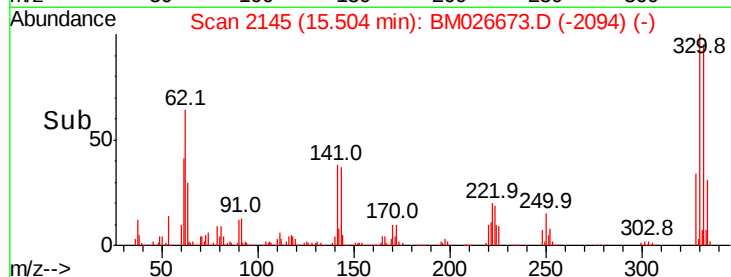
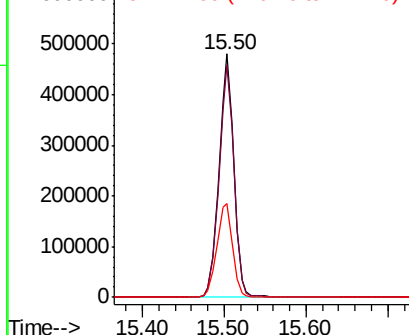
#42
2,4,6-Tribromophenol
Concen: 136.300 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 608002
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 41.1 32.9 49.3

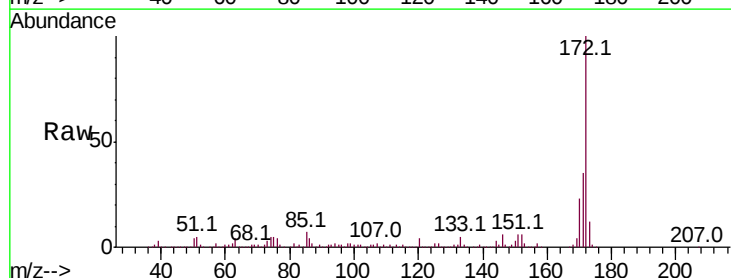


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

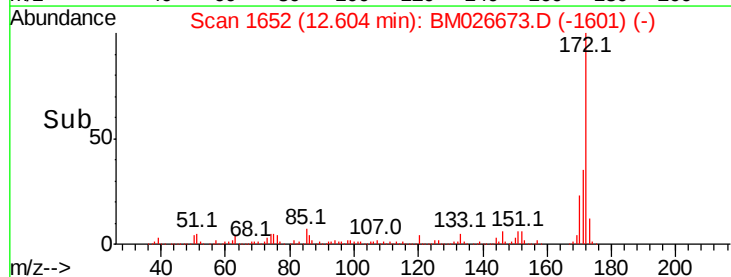
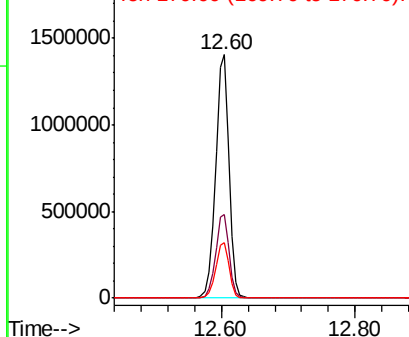


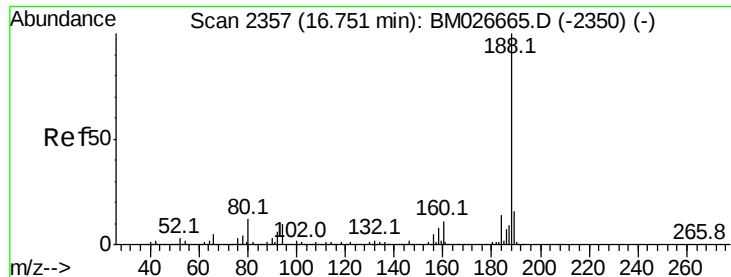
#45
2-Fluorobiphenyl
Concen: 85.057 ng
RT: 12.60 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Tgt Ion:172 Resp: 1982020
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.7 18.3 27.5



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

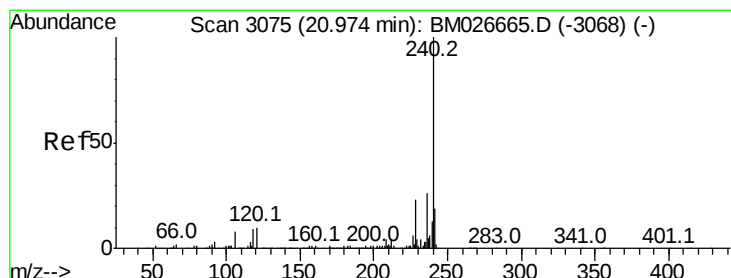
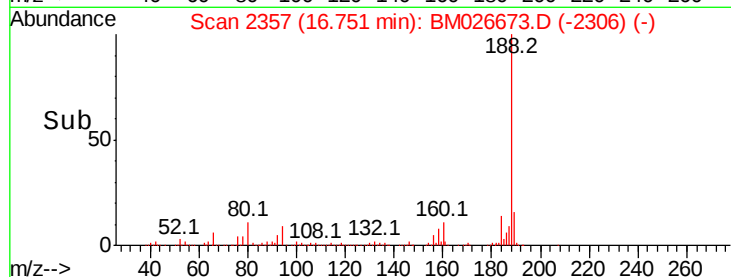
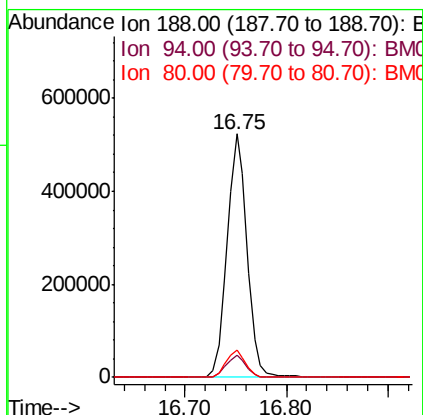
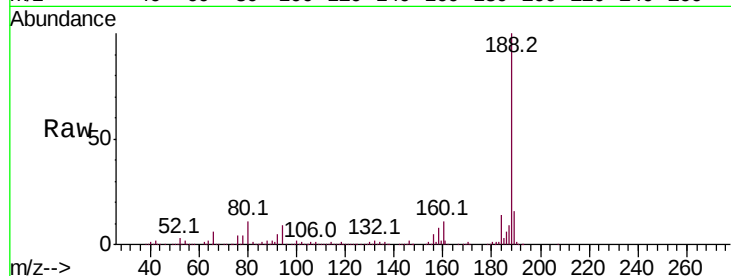




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

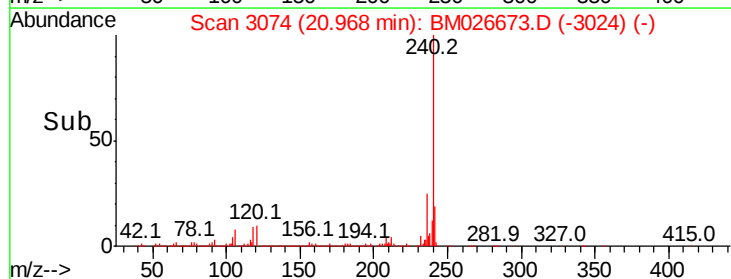
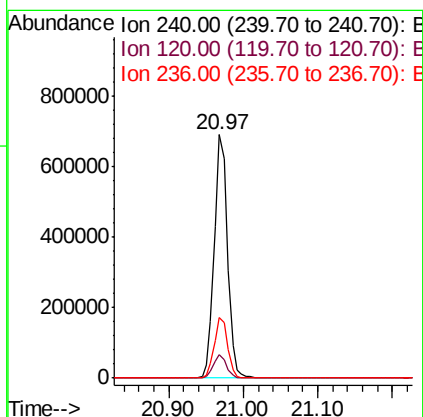
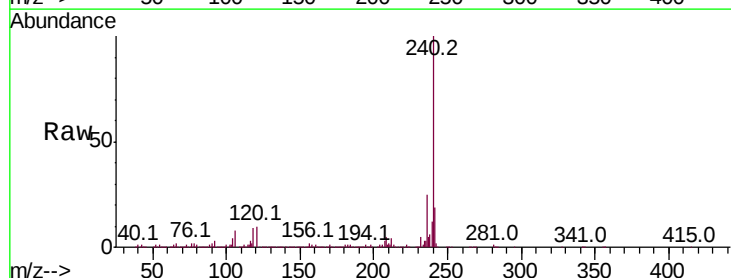
Instrument :
BNA_M
ClientSampleId :

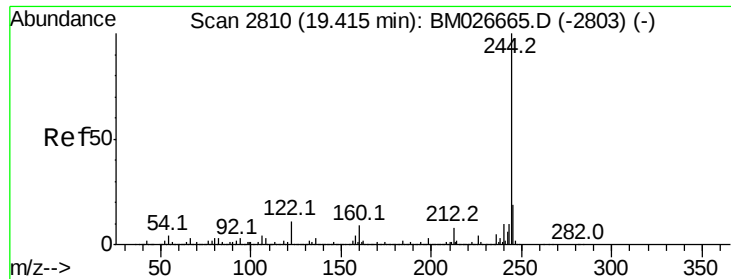
Tot Ion:188 Resp: 715143
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 11.3 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM026673.D
Acq: 07 Jul 2020 09:57

Tgt Ion:240 Resp: 850067
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 24.8 20.6 30.8

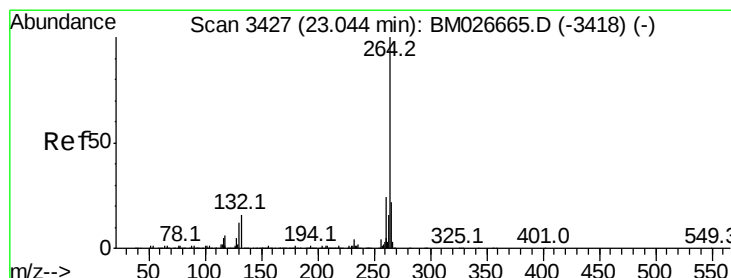
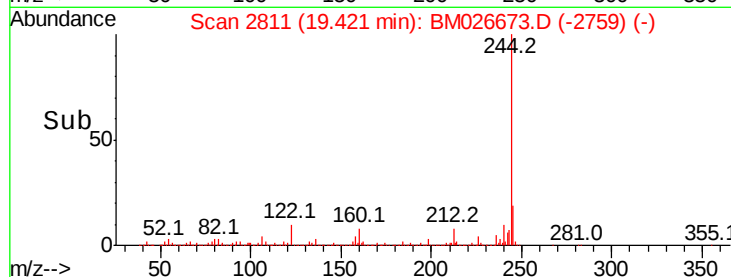
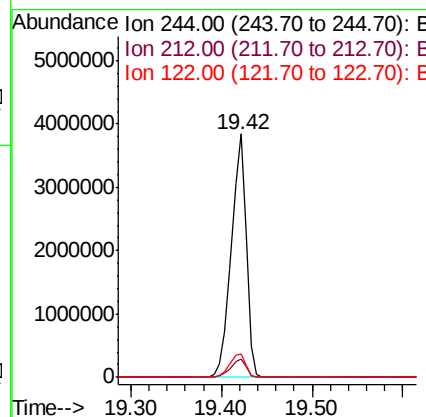
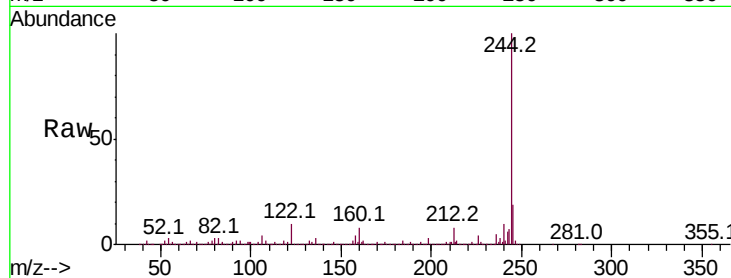




#79
 Terphenyl-d14
 Concen: 98.137 ng
 RT: 19.42 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BM026673.D
 Acq: 07 Jul 2020 09:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4383029
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.8 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.04 min Scan# 3427
 Delta R.T. -0.00 min
 Lab File: BM026673.D
 Acq: 07 Jul 2020 09:57

Tgt Ion:264 Resp: 957927
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.1 17.6 26.4

