

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070720\
 Data File : BM026672.D
 Acq On : 07 Jul 2020 09:21
 Operator : JU/CG
 Sample : PB129891BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 07 10:31:32 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	109316	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	476859	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	320718	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	725592	20.00	ng	0.00
76) Chrysene-d12	20.97	240	829610	20.00	ng	0.00
86) Perylene-d12	23.04	264	947741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	849706	128.40	ng	0.00
7) Phenol-d6	6.54	99	1216476	118.21	ng	0.00
23) Nitrobenzene-d5	8.48	82	948018	84.27	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	620793	133.98	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	2032781	83.98	ng	0.00
79) Terphenyl-d14	19.42	244	4308003	98.84	ng	0.00

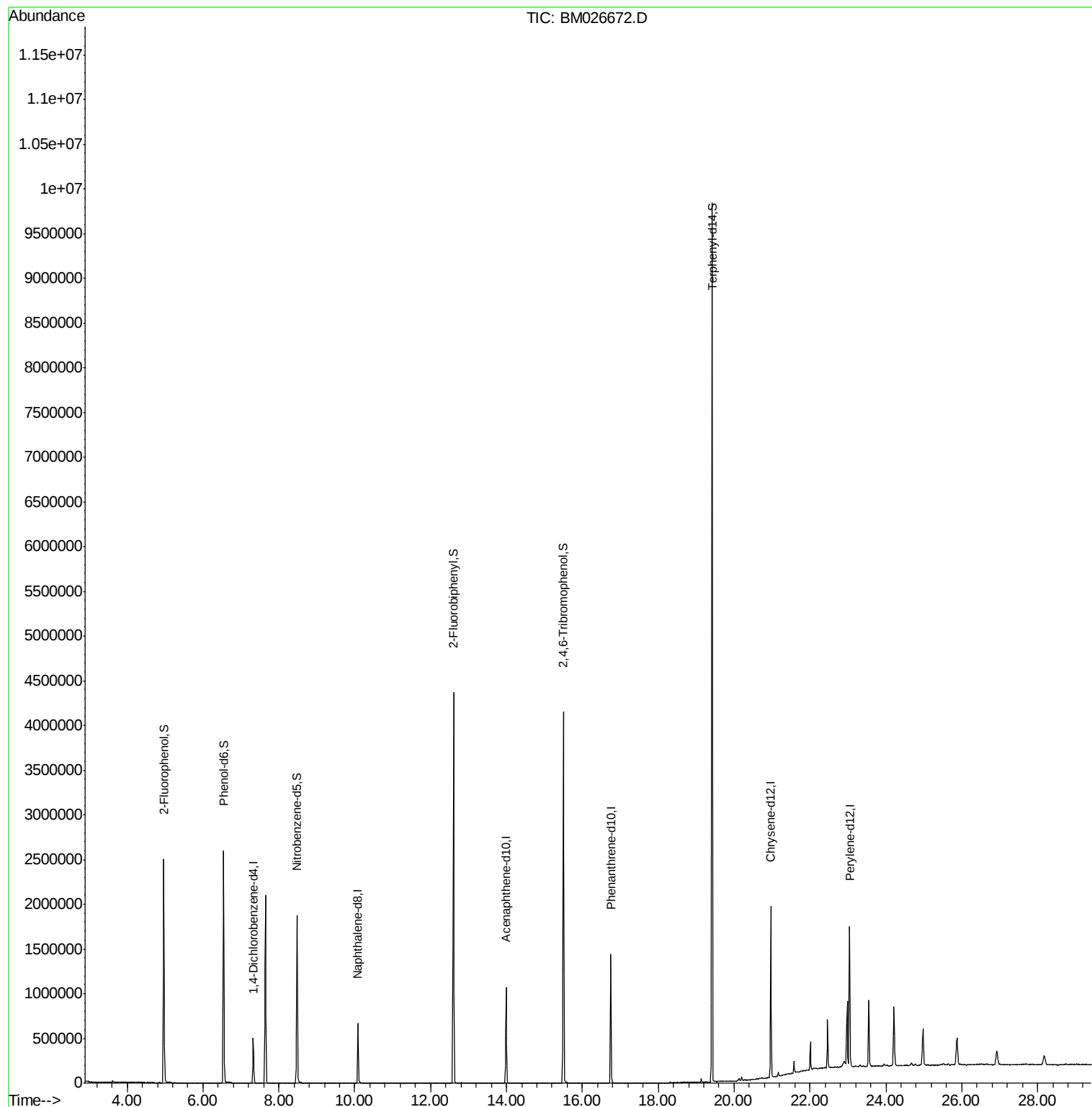
Target Compounds	Qvalue
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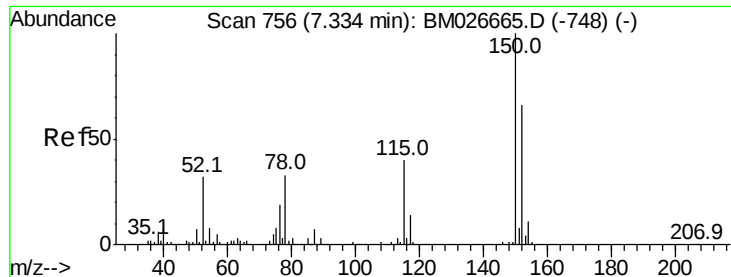
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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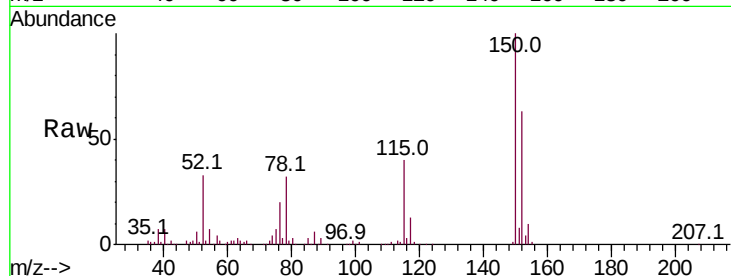


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BM026672.D
Acq: 07 Jul 2020 09:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	121.1	181.7
115	63.2	48.6	73.0

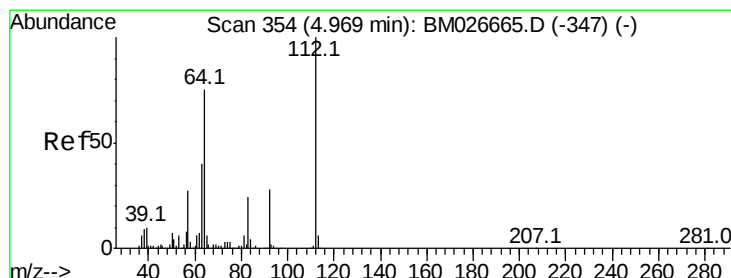
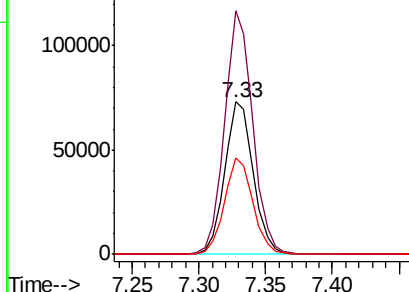
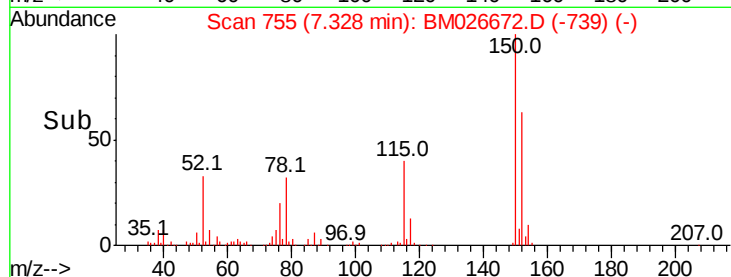


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

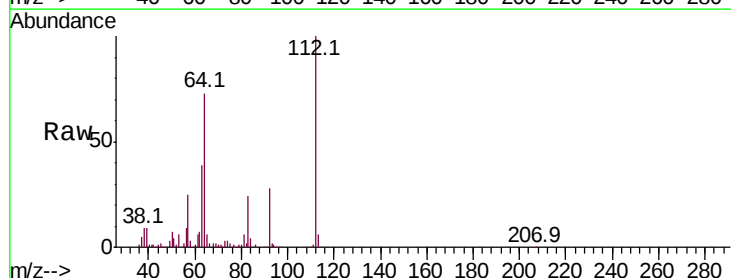
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.400 ng
RT: 4.97 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM026672.D
Acq: 07 Jul 2020 09:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.8	89.6
63	39.1	32.2	48.4

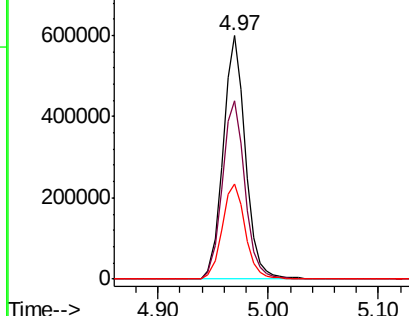
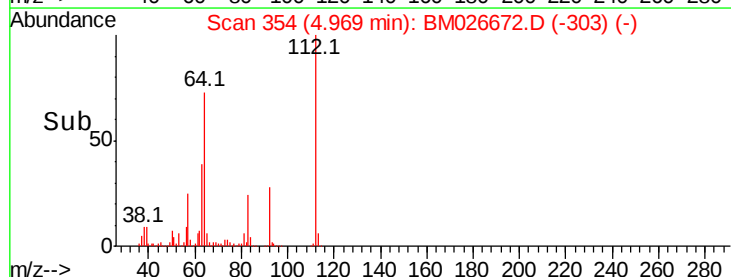


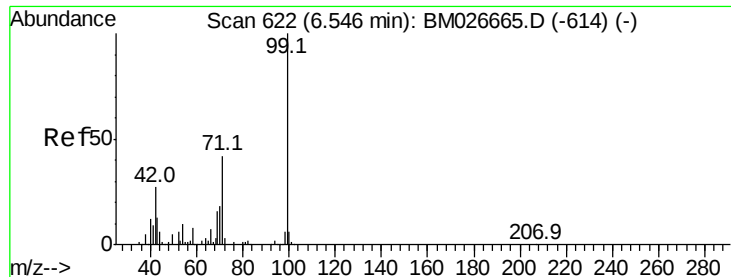
Abundance

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: 118.208 ng

RT: 6.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BM026672.D

Acq: 07 Jul 2020 09:21

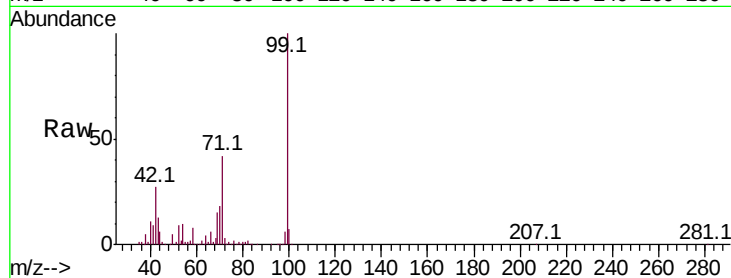
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1216476

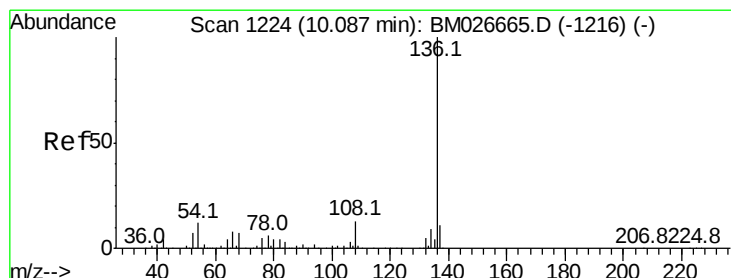
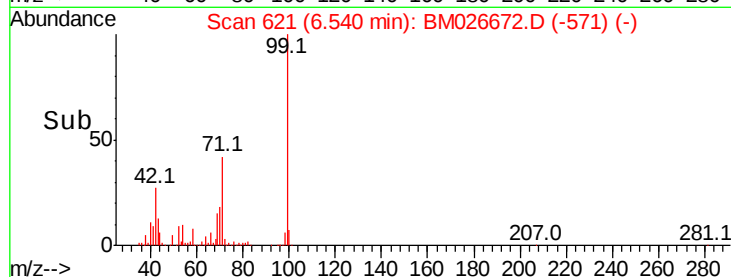
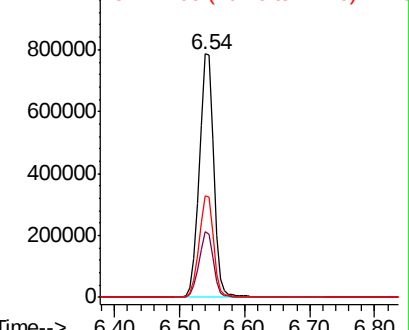
Ion	Ratio	Lower	Upper
99	100		
42	26.7	22.0	33.0
71	41.7	33.8	50.8



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.09 min Scan# 1224

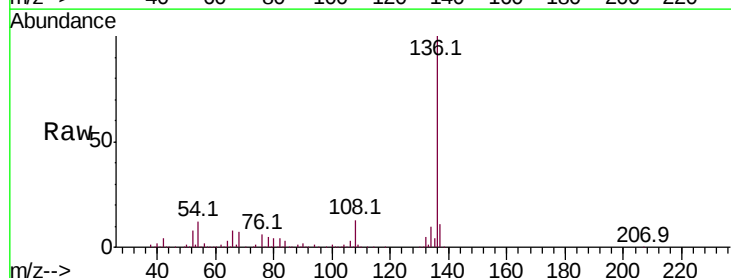
Delta R.T. -0.00 min

Lab File: BM026672.D

Acq: 07 Jul 2020 09:21

Tgt Ion: 136 Resp: 476859

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.0	9.9	14.9
68	6.5	5.4	8.0

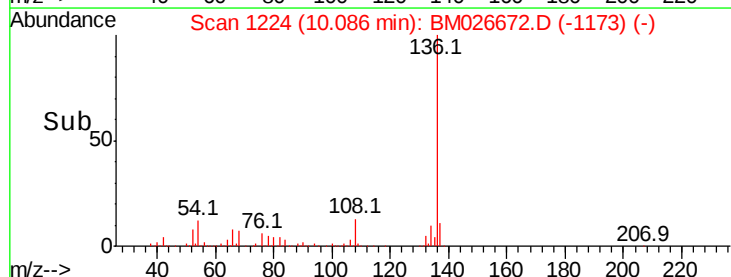
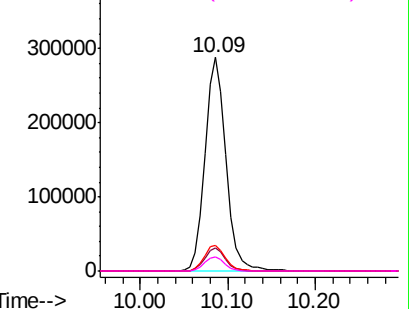


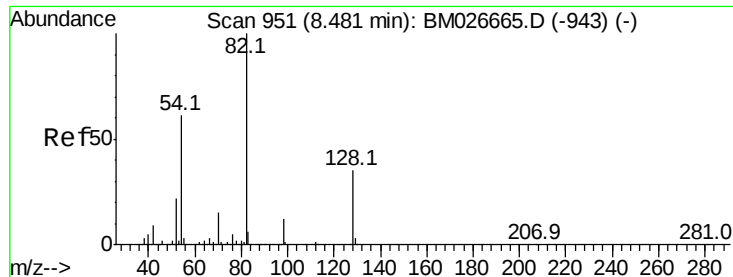
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

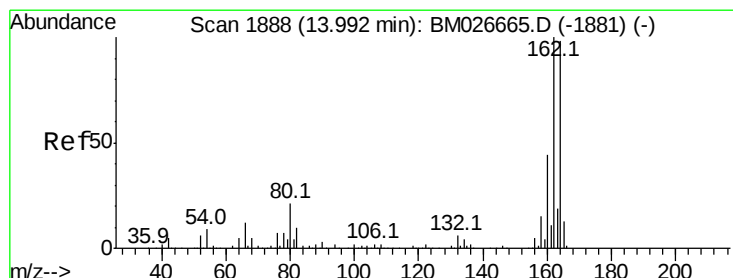
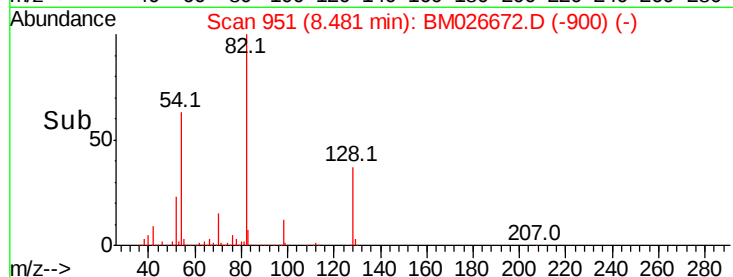
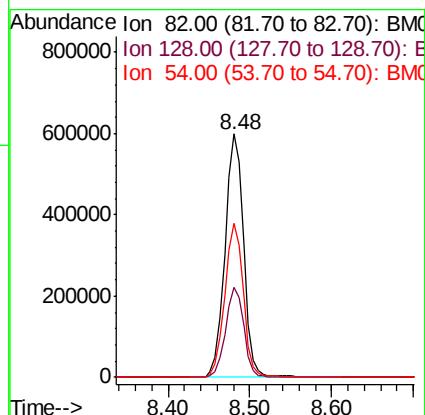
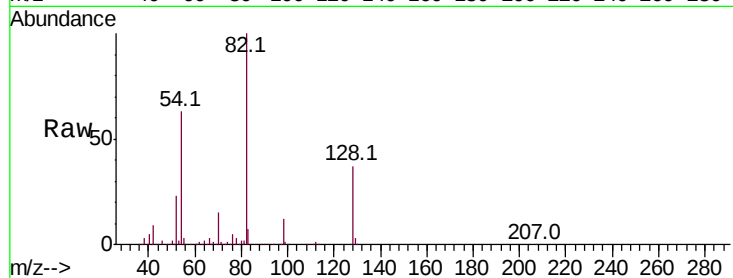




#23
 Nitrobenzene-d5
 Concen: 84.274 ng
 RT: 8.48 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM026672.D
 Acq: 07 Jul 2020 09:21

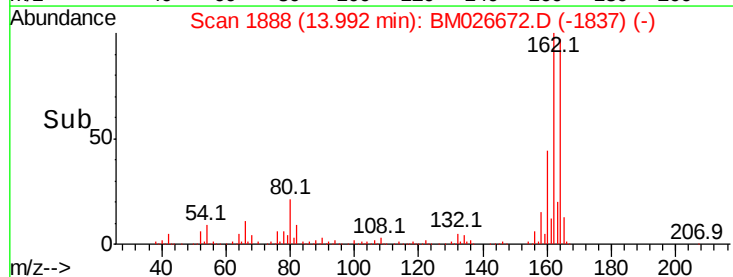
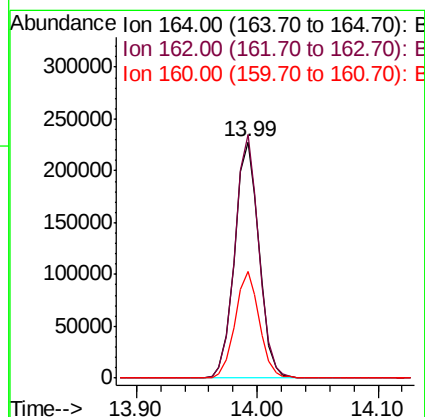
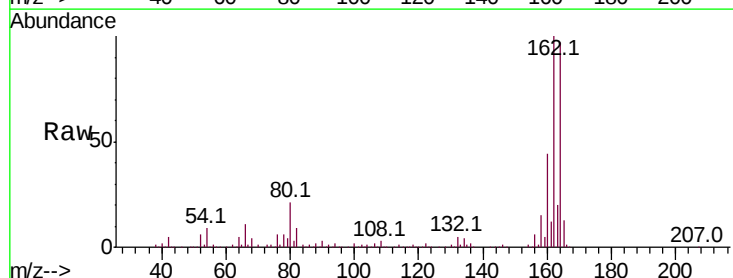
Instrument :
 BNA_M
 ClientSampleId :

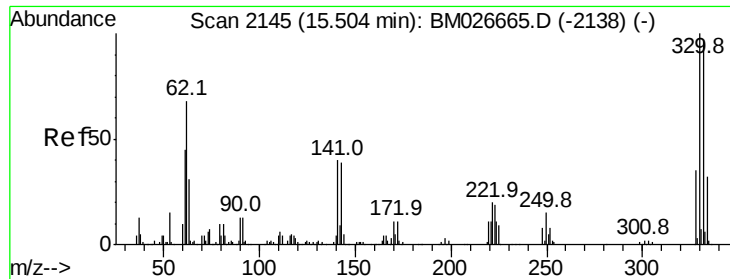
Tot Ion	82	Resp	948018
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.2	42.2
54	63.2	49.0	73.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BM026672.D
 Acq: 07 Jul 2020 09:21

Tgt Ion	164	Resp	320718
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.4	122.2
160	45.0	35.8	53.6

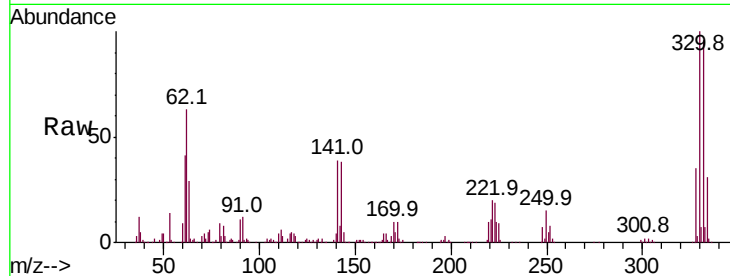




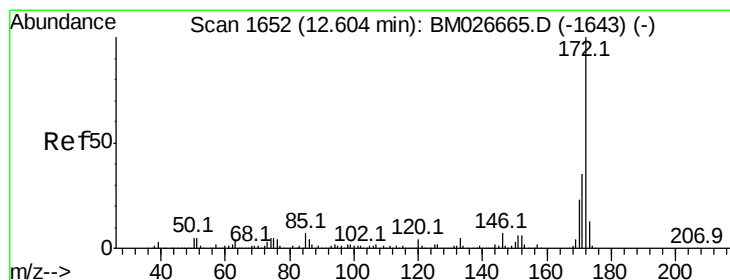
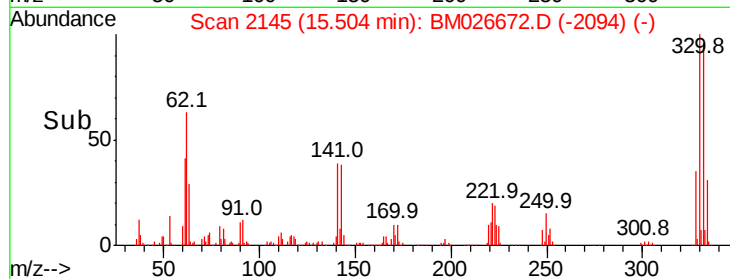
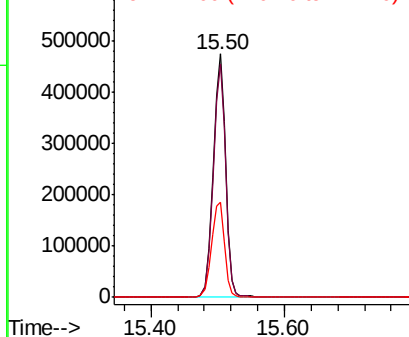
#42
 2,4,6-Tribromophenol
 Concen: 133.976 ng
 RT: 15.50 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BM026672.D
 Acq: 07 Jul 2020 09:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 620793
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 41.0 32.9 49.3

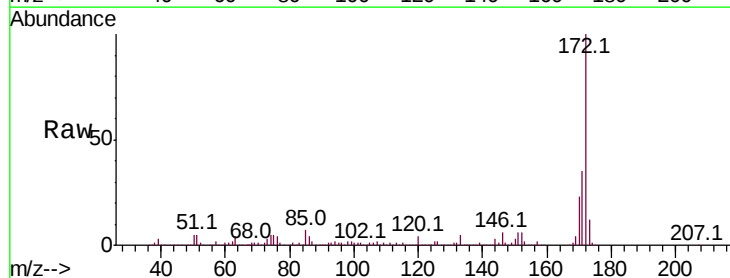


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

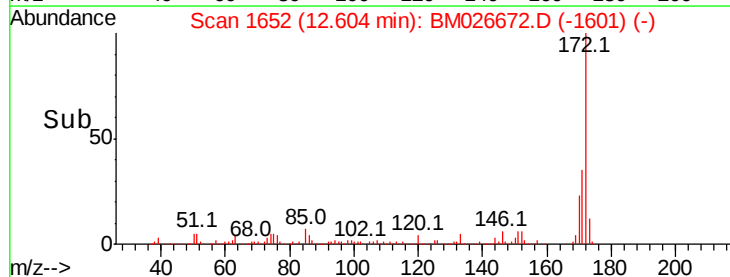
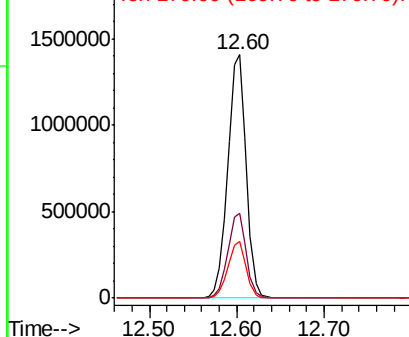


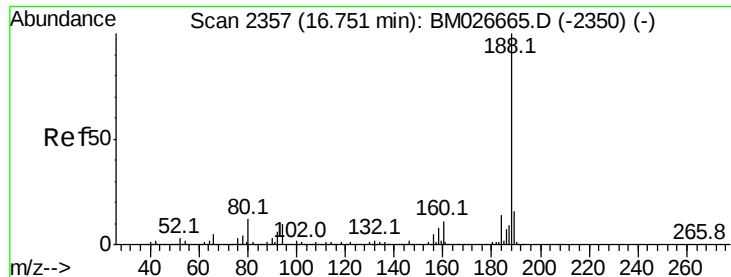
#45
 2-Fluorobiphenyl
 Concen: 83.981 ng
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM026672.D
 Acq: 07 Jul 2020 09:21

Tgt Ion:172 Resp: 2032781
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.8
 170 23.2 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

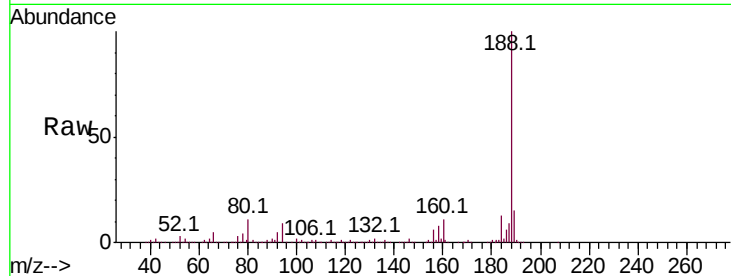




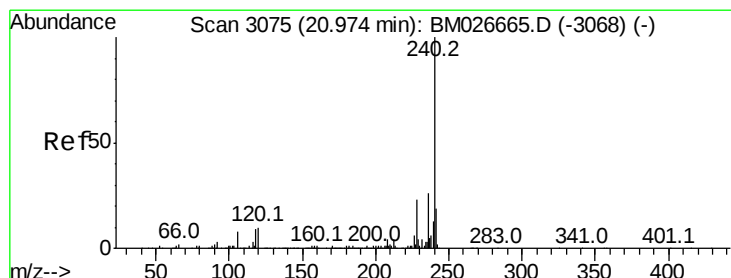
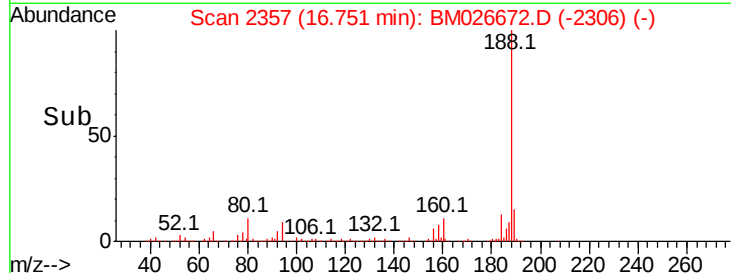
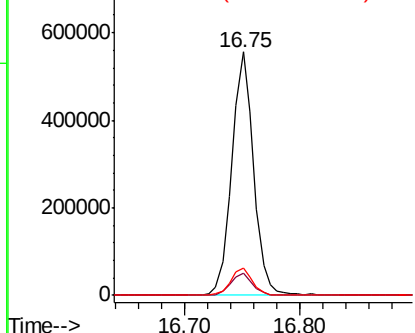
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BM026672.D
Acq: 07 Jul 2020 09:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 725592
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 11.1 9.3 13.9

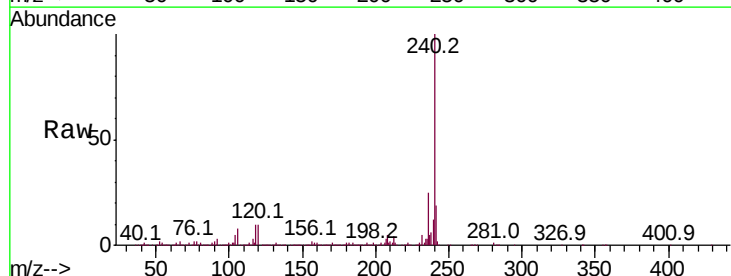


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

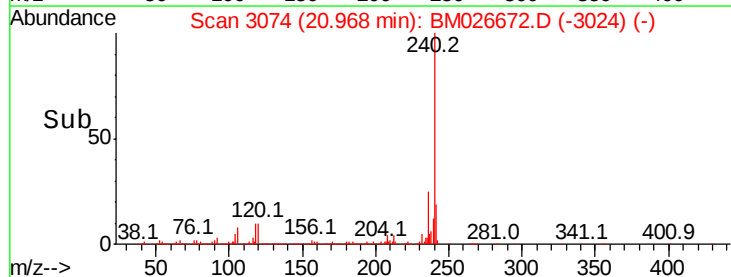
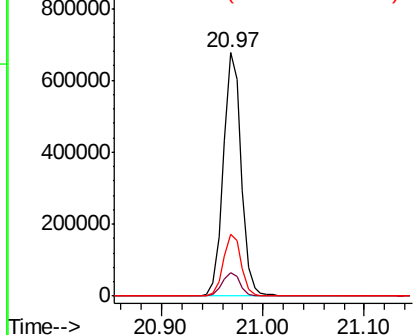


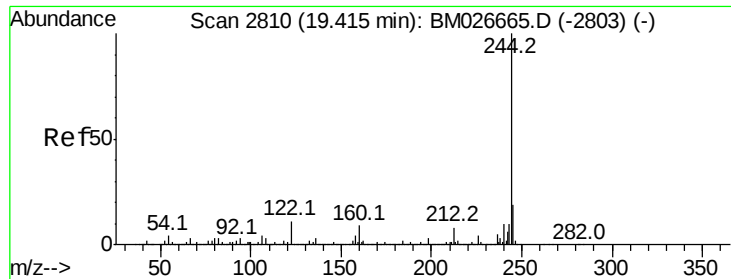
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM026672.D
Acq: 07 Jul 2020 09:21

Tgt Ion:240 Resp: 829610
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.4 20.6 30.8



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



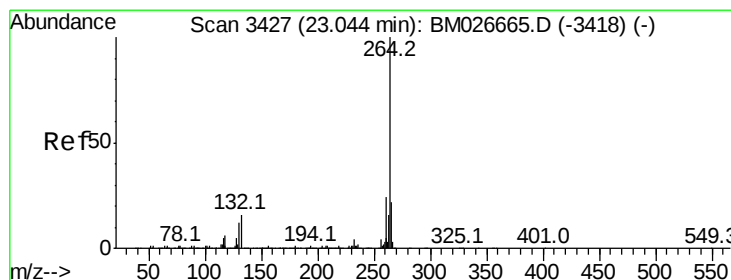
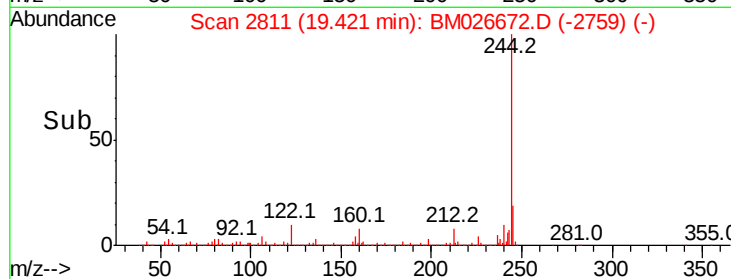
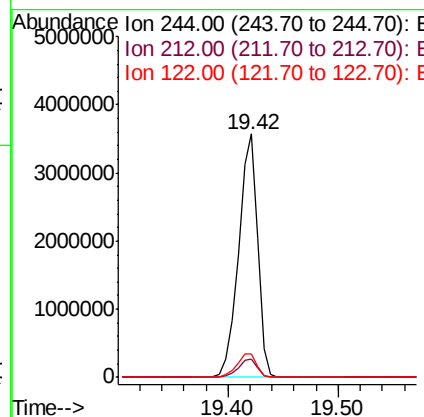
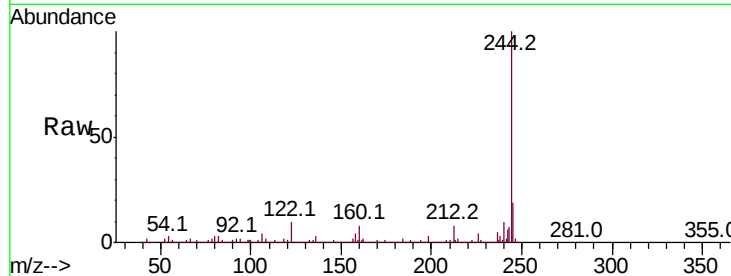


#79
 Terphenyl-d14
 Concen: 98.835 ng
 RT: 19.42 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BM026672.D
 Acq: 07 Jul 2020 09:21

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4308003

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.7	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: BM026672.D
 Acq: 07 Jul 2020 09:21

Tgt Ion:264 Resp: 947741

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.1	17.6	26.4

