

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026844.D
 Acq On : 22 Jul 2020 22:20
 Operator : JU/CG
 Sample : L3369-01 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 123675

Quant Time: Jul 23 03:18:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69408	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	289898	20.00	ng	0.00
39) Acenaphthene-d10	13.97	164	193126	20.00	ng	0.00
64) Phenanthrene-d10	16.73	188	421549	20.00	ng	0.00
76) Chrysene-d12	20.95	240	405195	20.00	ng	0.00
86) Perylene-d12	23.01	264	413844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	2577	0.62	ng	0.01
7) Phenol-d6	6.54	99	1400	0.21	ng	0.03
23) Nitrobenzene-d5	8.48	82	1543	0.23	ng	0.03
42) 2,4,6-Tribromophenol	15.48	330	1276	0.45	ng	0.01
45) 2-Fluorobiphenyl	12.57	172	5267	0.36	ng	0.00
79) Terphenyl-d14	19.39	244	9972	0.48	ng	0.00

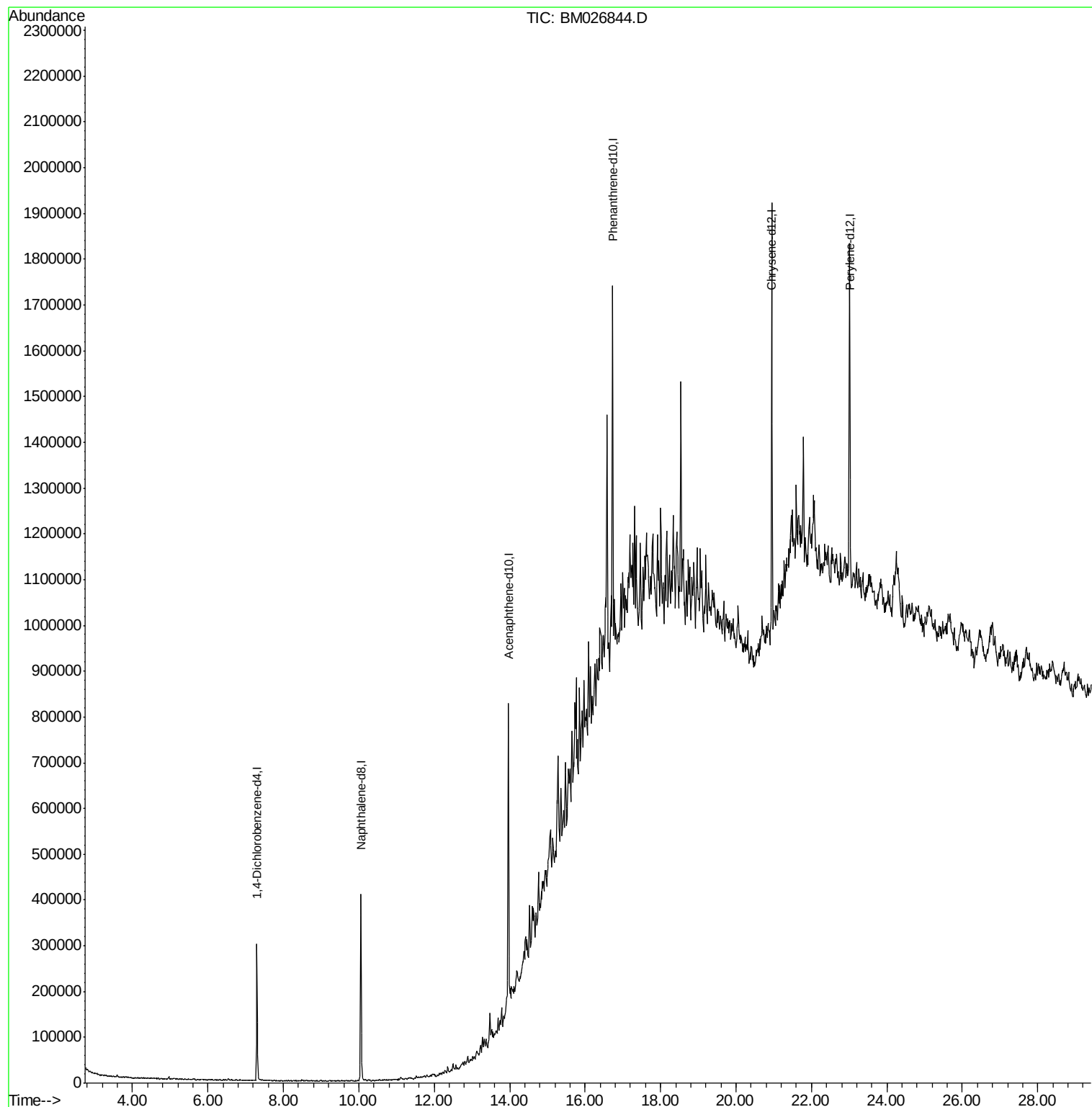
Target Compounds Qvalue

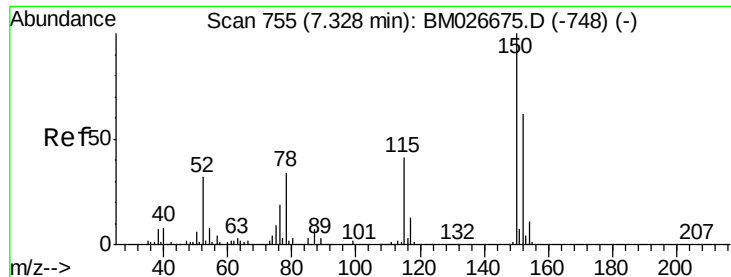
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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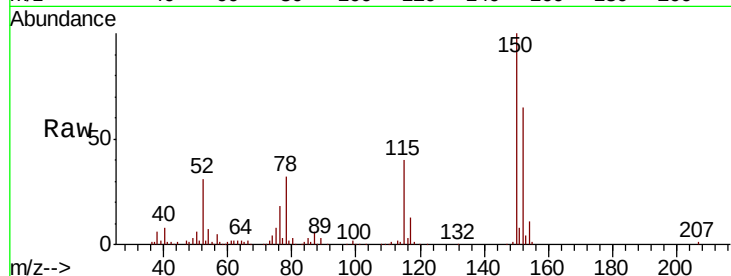


#1

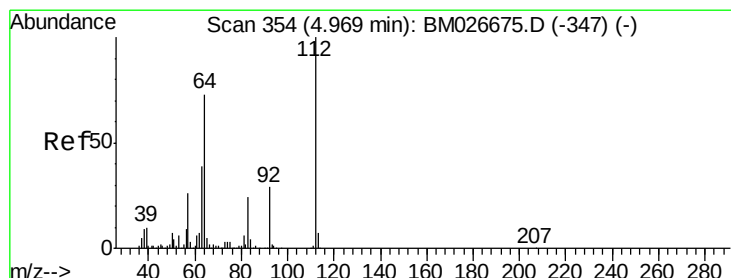
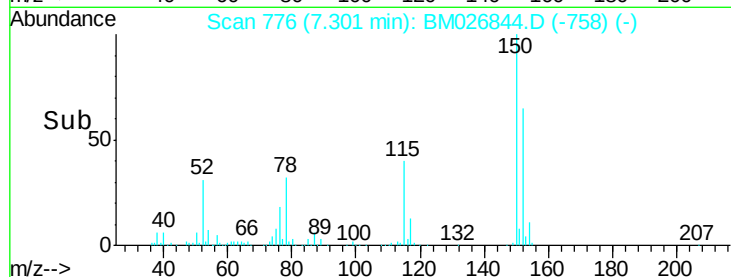
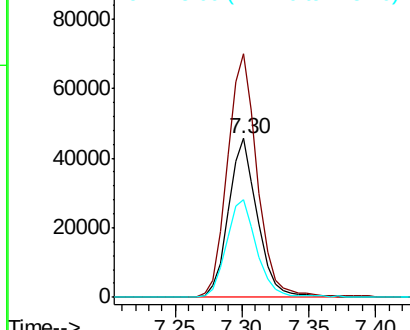
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Instrument :
BNA_M
ClientSampled :
123675

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.1	192.1
115	61.3	52.2	78.4



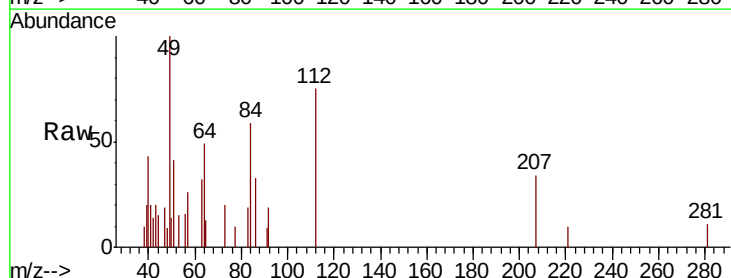
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



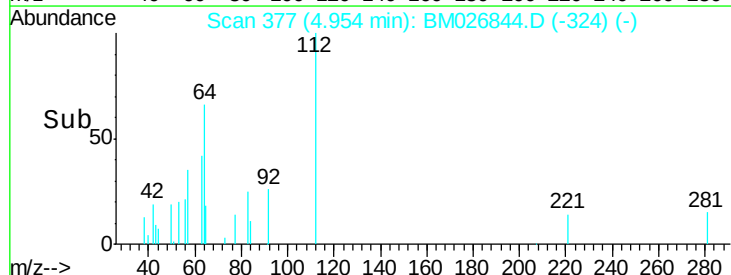
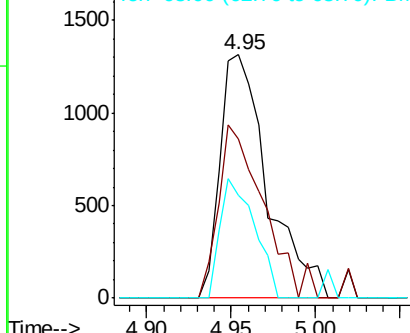
#5

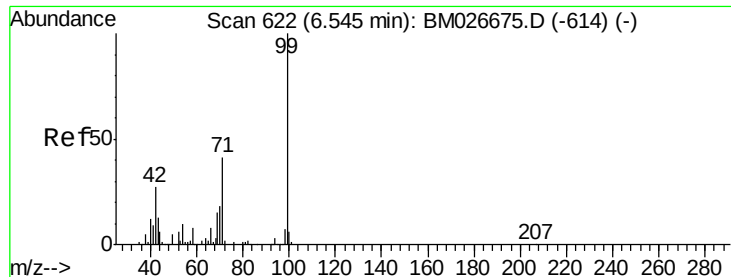
2-Fluorophenol
Concen: 0.622 ng
RT: 4.95 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	58.4	87.6
63	42.5	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: 0.212 ng

RT: 6.54 min Scan# 647

Delta R.T. 0.03 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

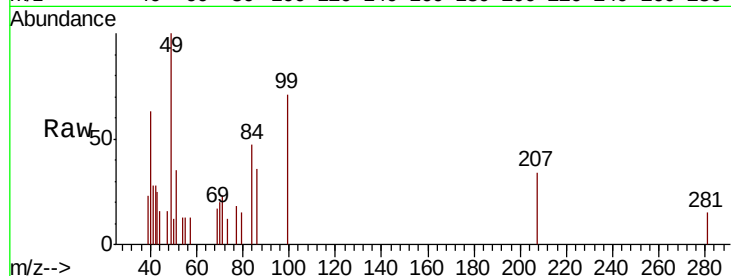
Tot Ion: 99 Resp: 1400

Ion Ratio Lower Upper

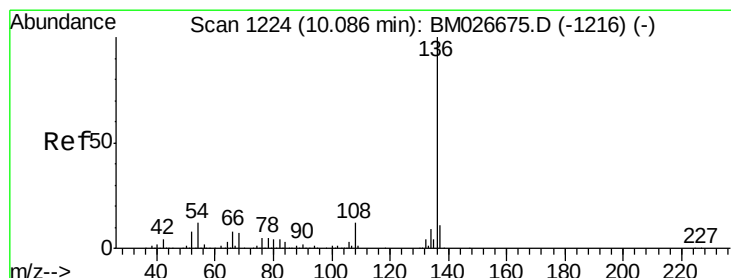
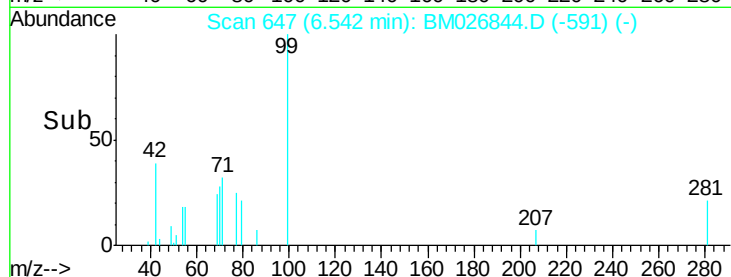
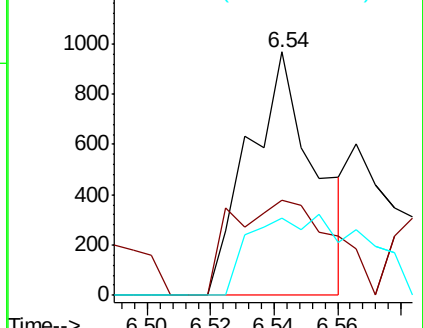
99 100

42 38.8 21.7 32.5#

71 31.6 33.2 49.8#



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: 10.05 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Tgt Ion: 136 Resp: 289898

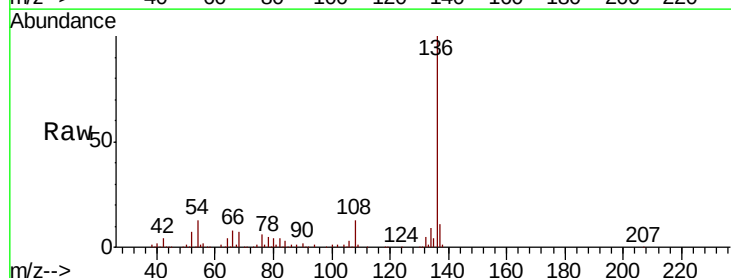
Ion Ratio Lower Upper

136 100

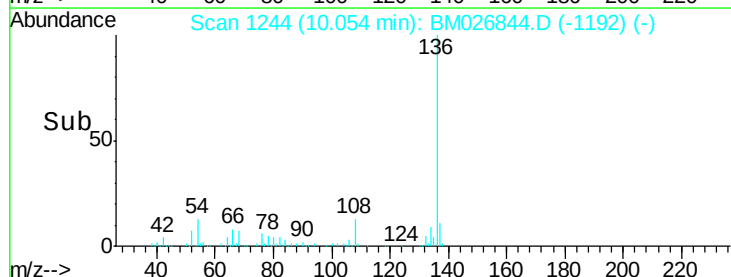
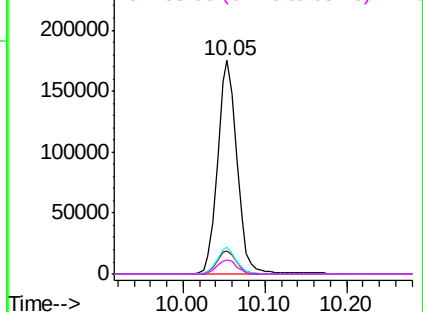
137 10.8 8.6 12.8

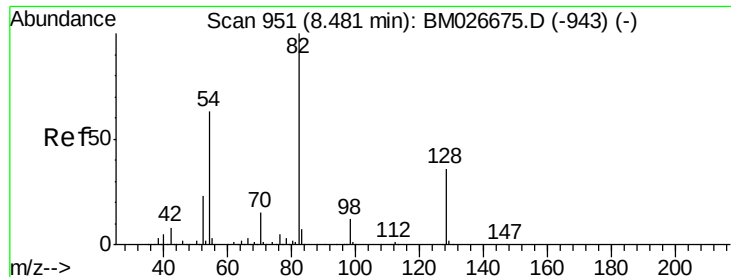
54 12.8 9.8 14.6

68 6.7 5.8 8.6



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

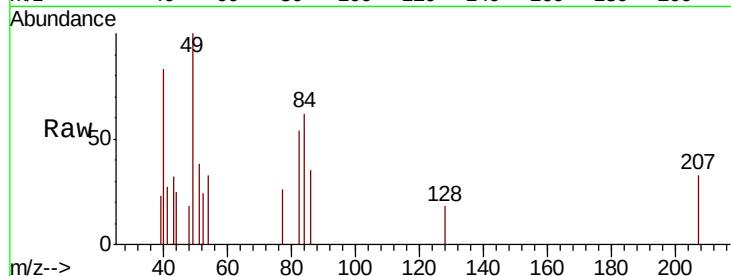




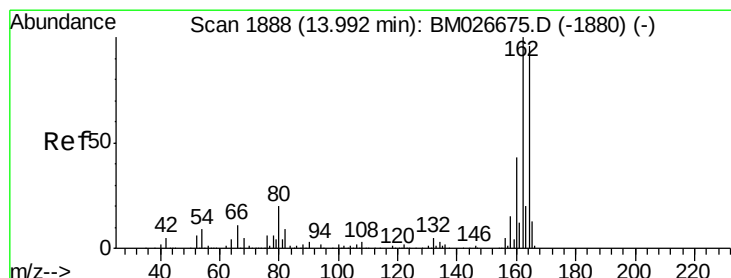
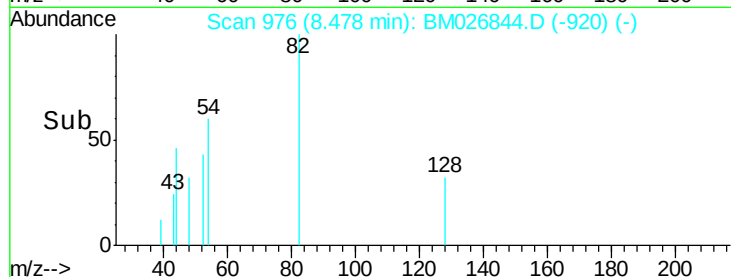
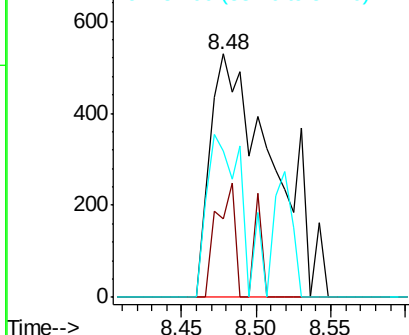
#23
 Nitrobenzene-d5
 Concen: 0.227 ng
 RT: 8.48 min Scan# 976
 Delta R.T. 0.03 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Instrument :
 BNA_M
 ClientSampleID :
 123675

Tot Ion	82	Resp	1543
Ion Ratio	Lower	Upper	
82	100		
128	32.1	29.1	43.7
54	60.3	50.2	75.4

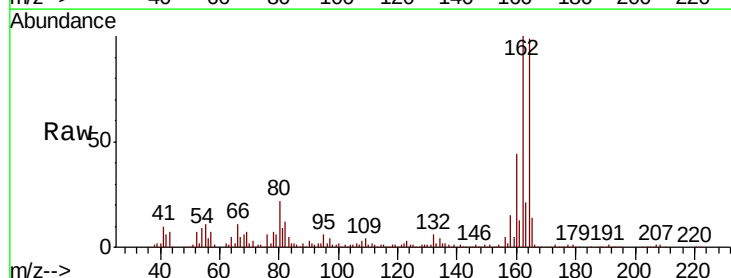


Abundance Ion 82.00 (81.70 to 82.70): BM026675.D (-943) (-)
 Ion 128.00 (127.70 to 128.70): BM026675.D (-943) (-)
 Ion 54.00 (53.70 to 54.70): BM026675.D (-943) (-)

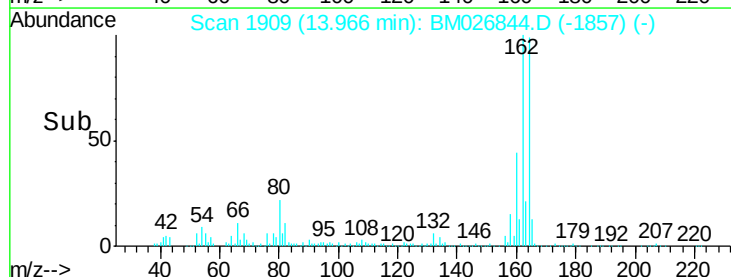
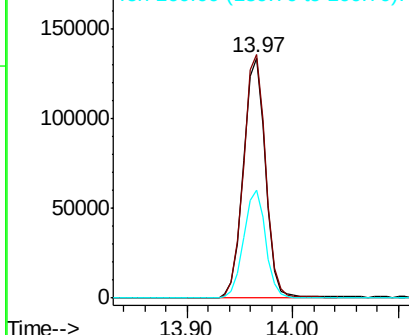


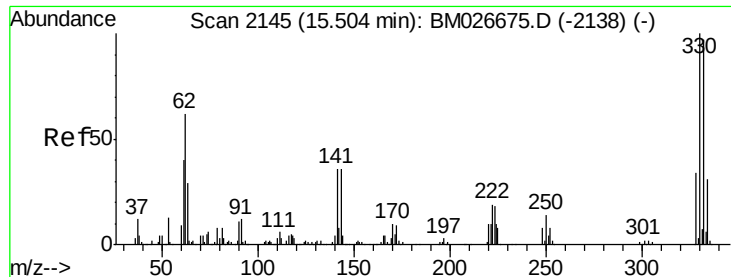
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.97 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Tgt Ion	164	Resp	193126
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.7	125.5
160	44.7	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): BM026675.D (-1880) (-)
 Ion 162.00 (161.70 to 162.70): BM026675.D (-1880) (-)
 Ion 160.00 (159.70 to 160.70): BM026675.D (-1880) (-)

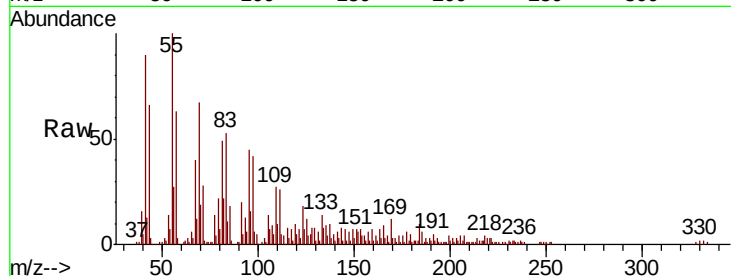




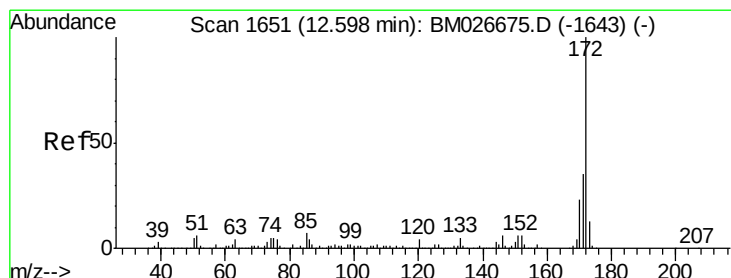
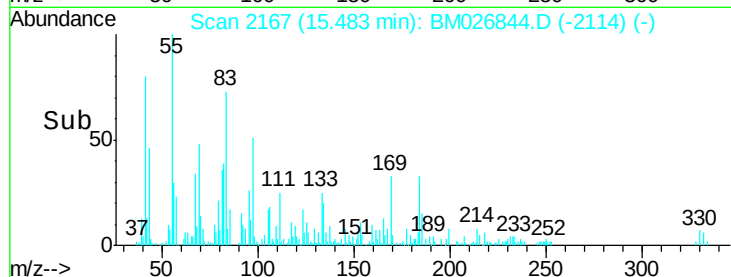
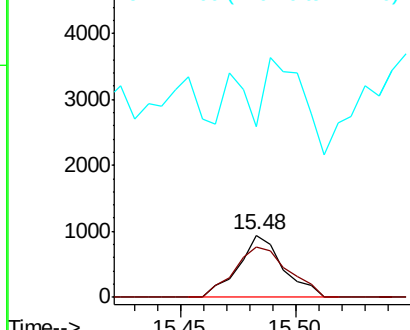
#42
 2,4,6-Tribromophenol
 Concen: 0.454 ng
 RT: 15.48 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Instrument :
 BNA_M
 ClientSampled :
 123675

Tot Ion:330 Resp: 1276
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 127.2 32.4 48.6#

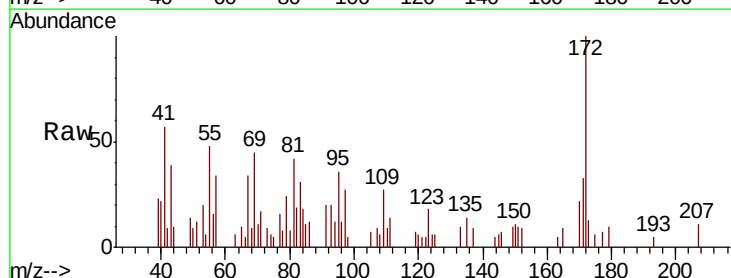


Abundance Ion 329.80 (329.50 to 330.50): E
 5000 Ion 331.80 (331.50 to 332.50): E
 4000 Ion 141.00 (140.70 to 141.70): E

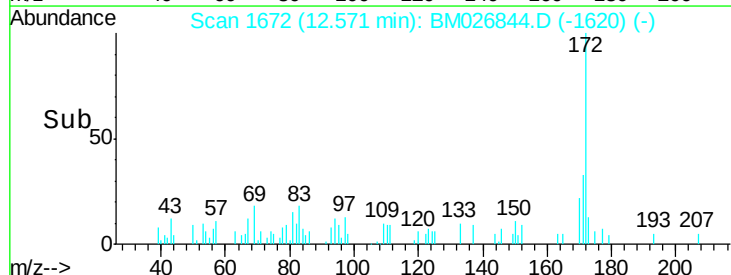
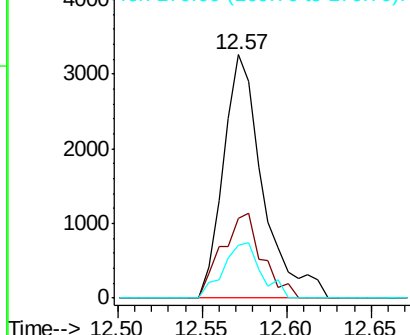


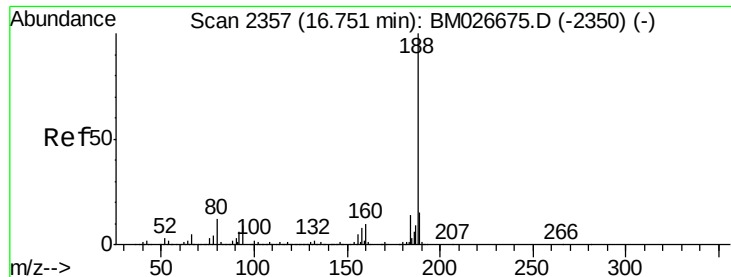
#45
 2-Fluorobiphenyl
 Concen: 0.363 ng
 RT: 12.57 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Tgt Ion:172 Resp: 5267
 Ion Ratio Lower Upper
 172 100
 171 33.0 27.8 41.6
 170 21.8 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 4000 Ion 171.00 (170.70 to 171.70): E
 3000 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.73 min Scan# 2379

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

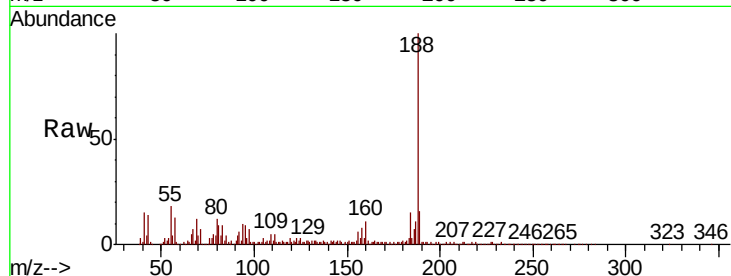
Tot Ion:188 Resp: 421549

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

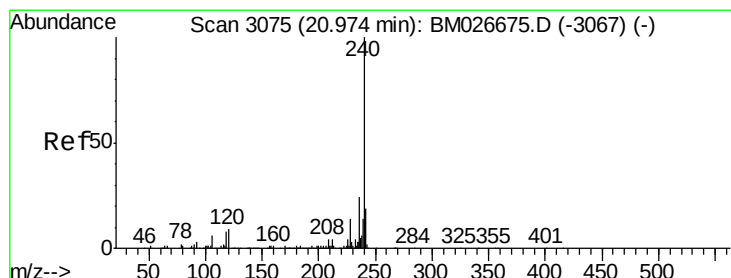
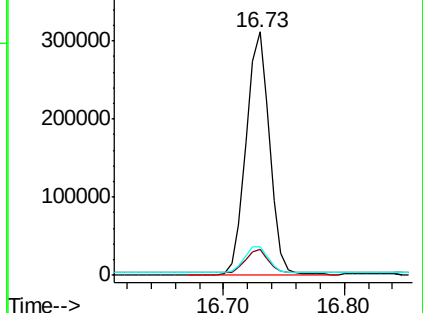
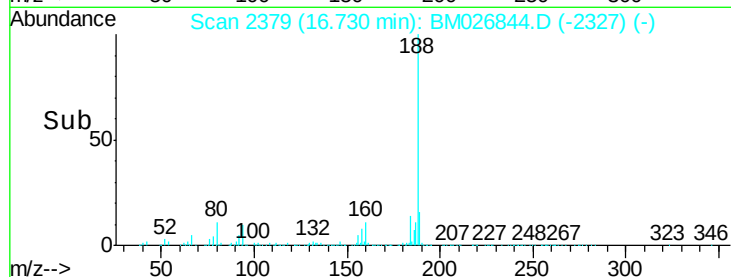
80 11.7 9.3 13.9



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: 20.95 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

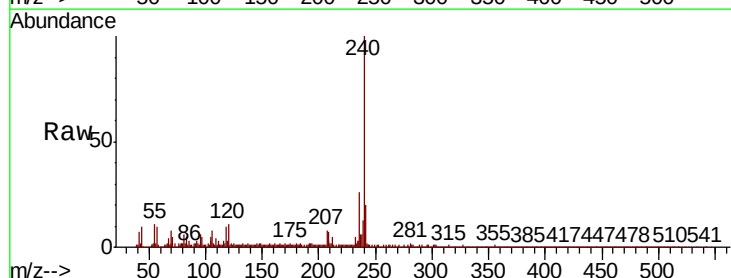
Tgt Ion:240 Resp: 405195

Ion Ratio Lower Upper

240 100

120 10.9 7.3 10.9#

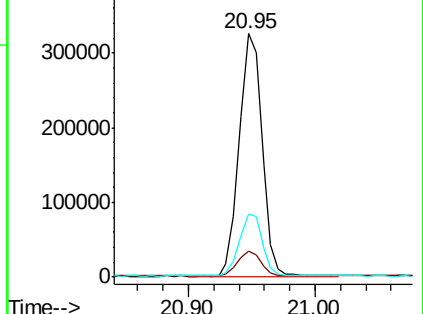
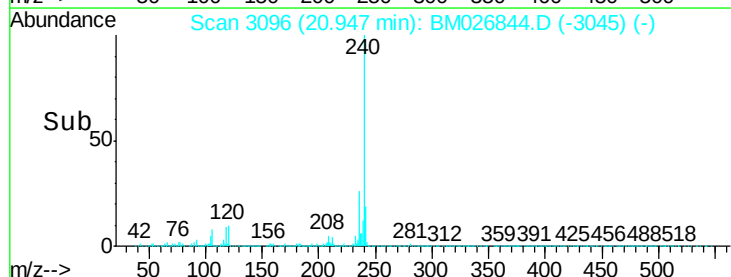
236 26.0 19.4 29.2

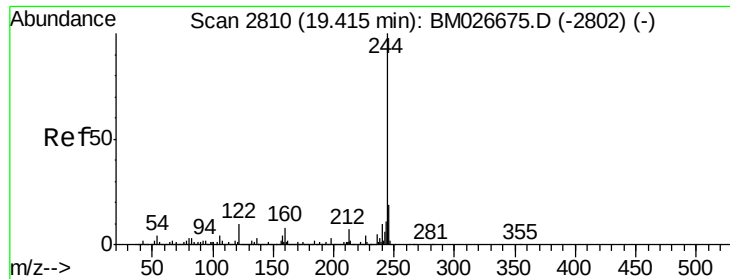


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.484 ng

RT: 19.39 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

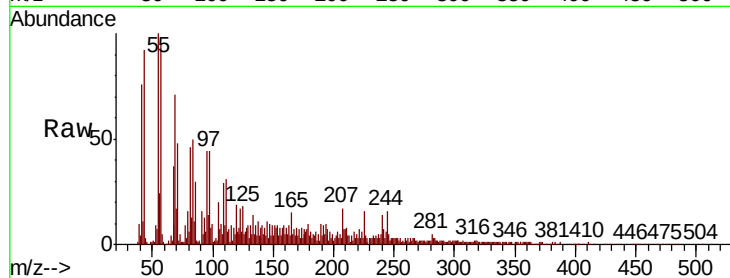
Tot Ion:244 Resp: 9972

Ion Ratio Lower Upper

244 100

212 22.8 5.9 8.9#

122 29.4 8.2 12.4#



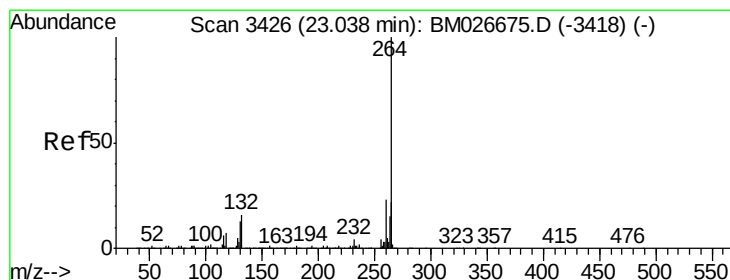
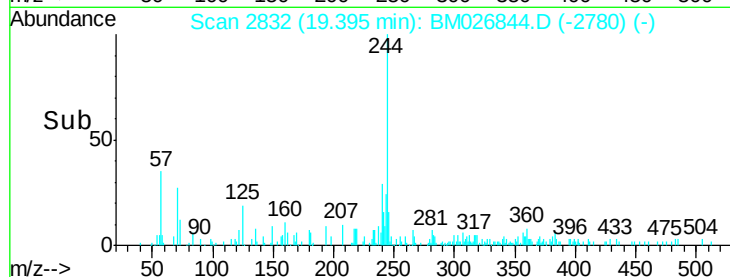
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.39

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.01 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

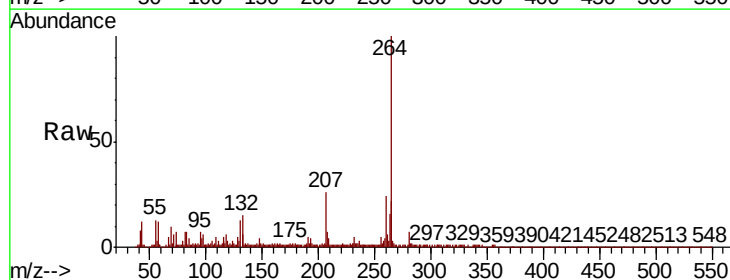
Tgt Ion:264 Resp: 413844

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.01

Time-->

