

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024671.D
 Acq On : 30 Jan 2020 22:43
 Operator : CG/JU
 Sample : L1318-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-C

Quant Time: Jan 30 23:26:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

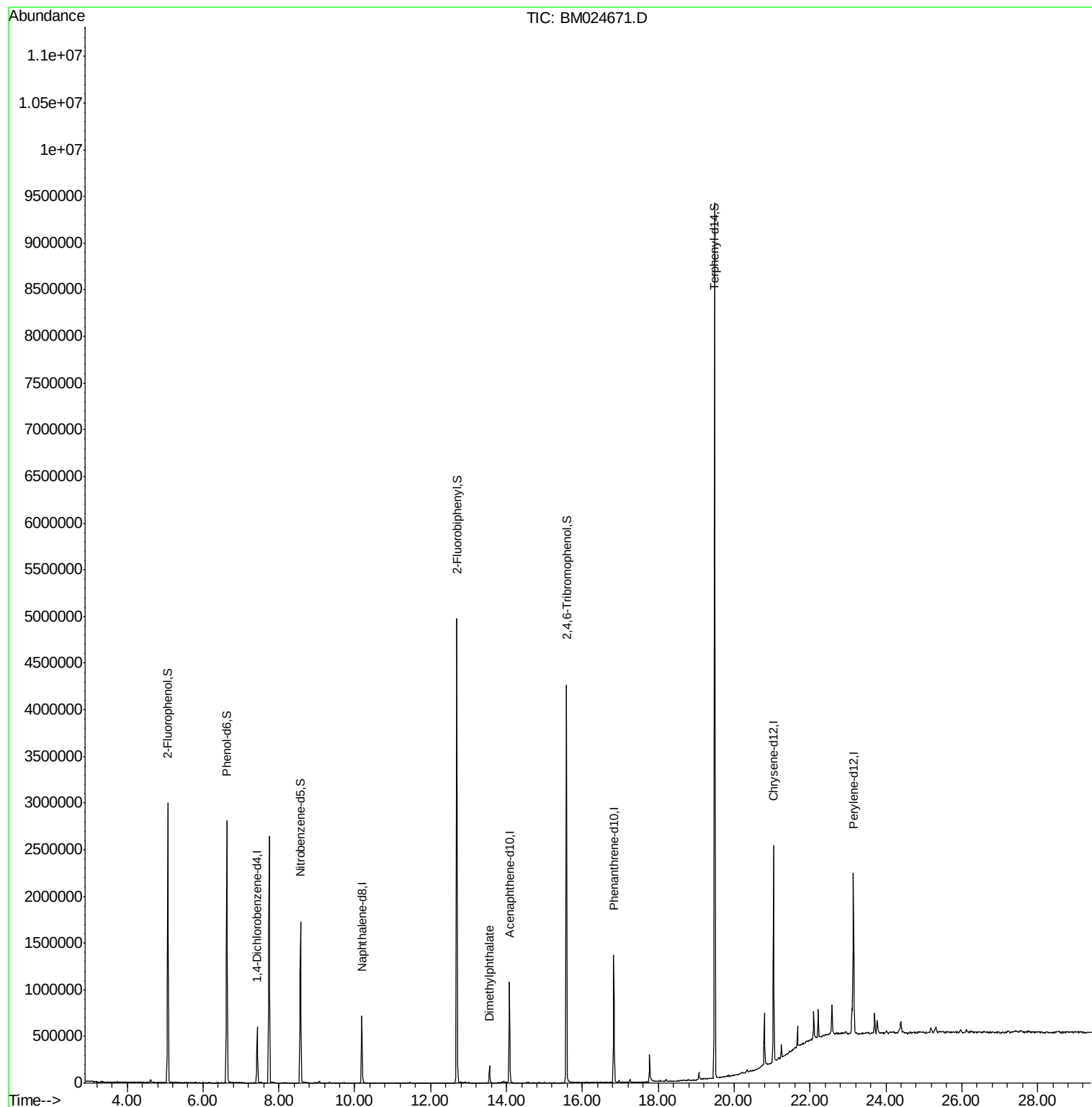
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167156	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	591232	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	382725	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	863846	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1063414	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1295367	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1259701	143.32	ng	-0.01
7) Phenol-d6	6.63	99	1537189	126.95	ng	-0.02
23) Nitrobenzene-d5	8.57	82	997414	82.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	922665	148.21	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2666467	94.72	ng	-0.02
79) Terphenyl-d14	19.49	244	5024928	88.22	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.55	163	125405	4.052	ng	Qvalue 99

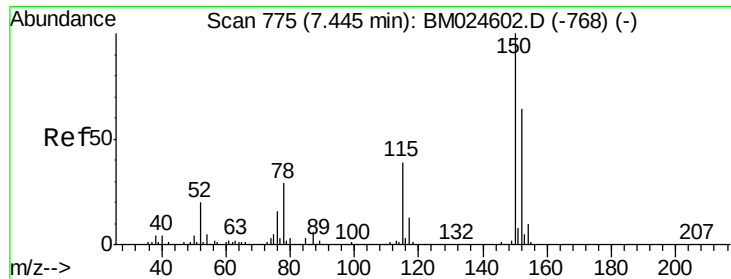
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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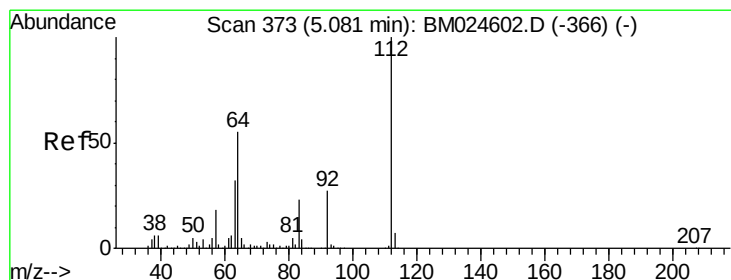
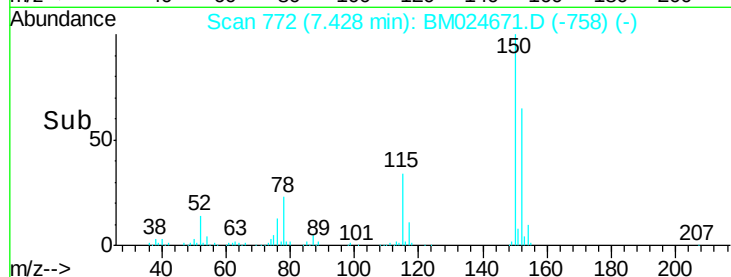
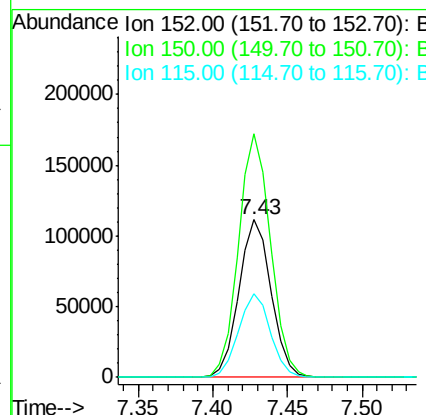
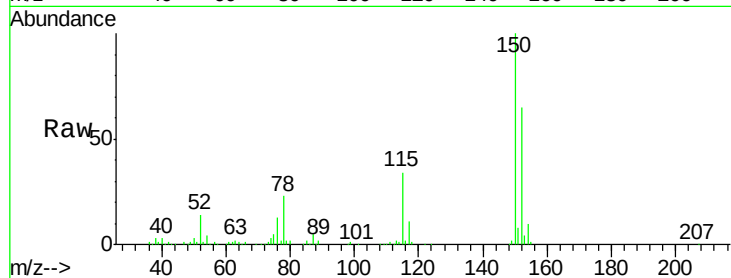


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-C

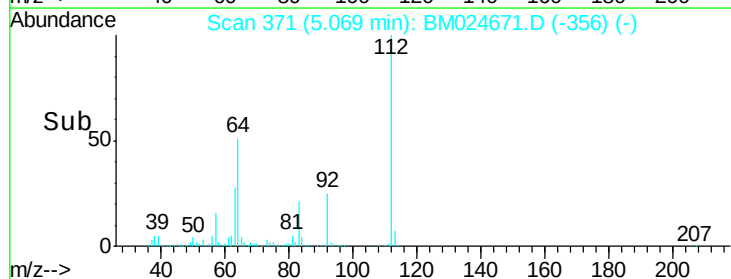
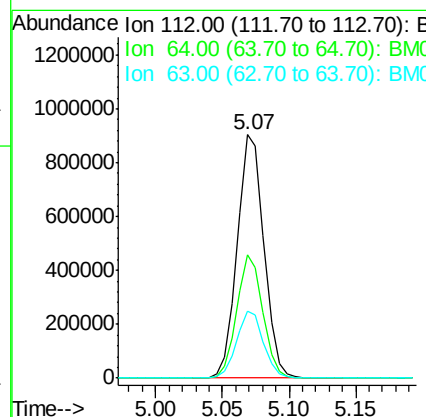
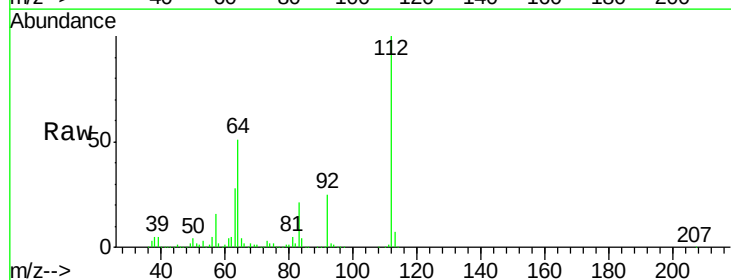
Tot Ion:152 Resp: 167156
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.4
115 52.8 48.6 72.8

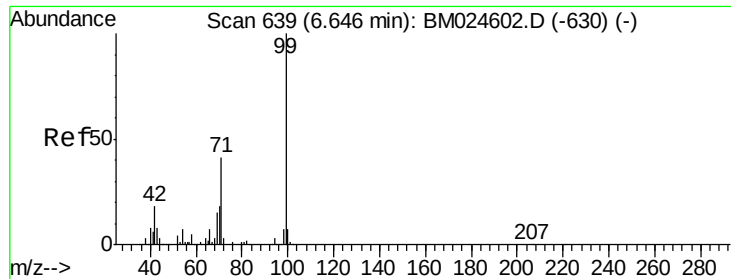


#5

2-Fluorophenol
Concen: 143.318 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Tgt Ion:112 Resp: 1259701
Ion Ratio Lower Upper
112 100
64 50.9 44.2 66.4
63 27.7 25.9 38.9





#7

Phenol-d6

Concen: 126.954 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-C

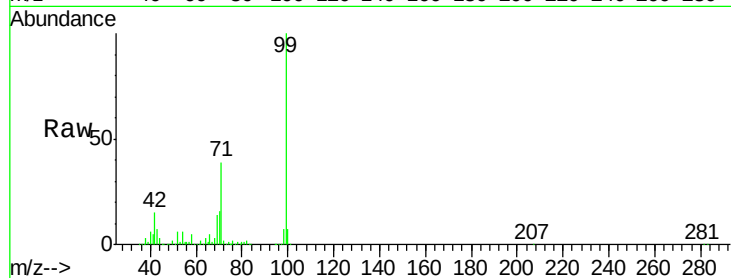
Tot Ion: 99 Resp: 1537189

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

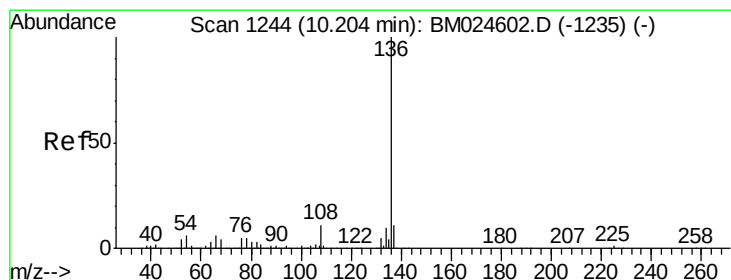
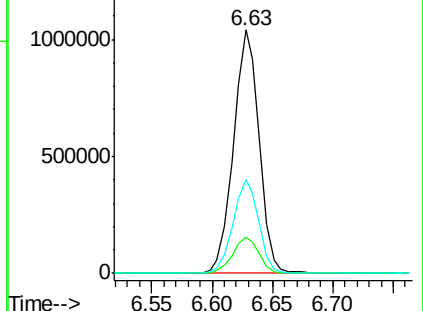
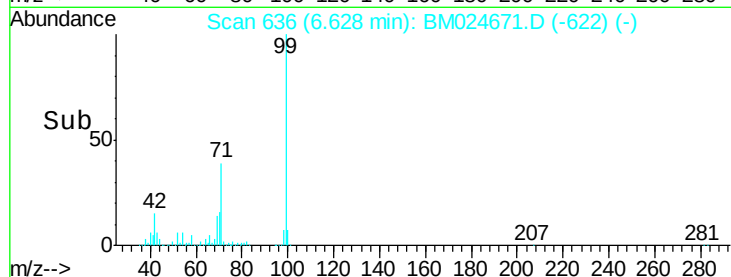
71 38.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024671.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024671.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024671.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Tgt Ion: 136 Resp: 591232

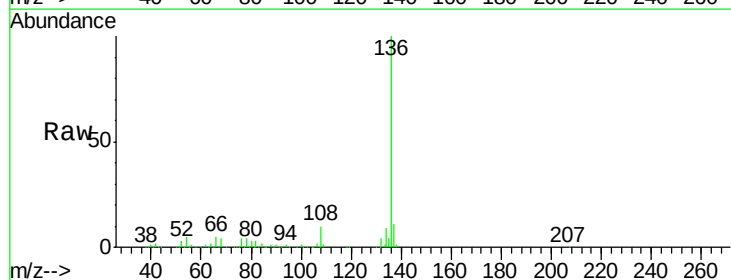
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.7 4.5 6.7

68 3.7 3.4 5.0

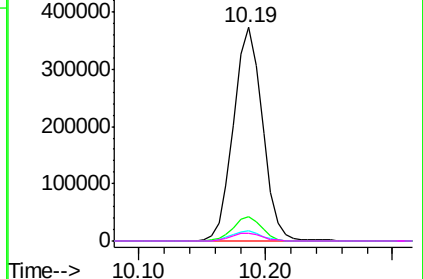
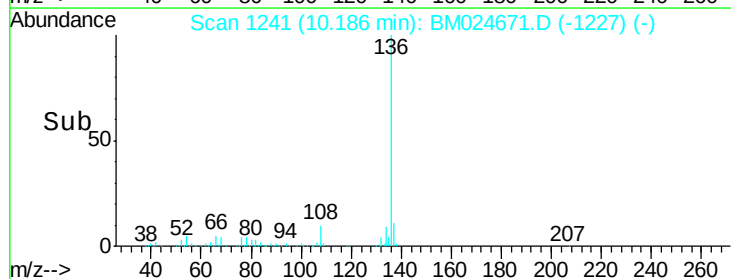


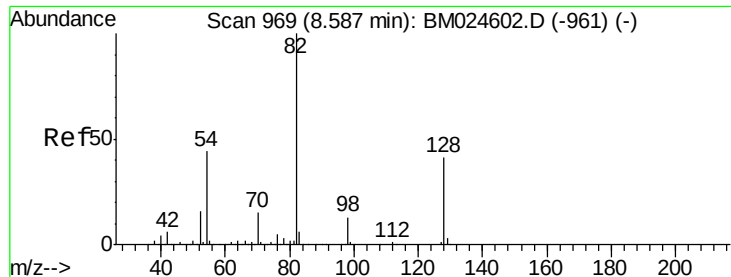
Abundance Ion 136.00 (135.70 to 136.70): BM024671.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024671.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024671.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024671.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 82.733 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-C

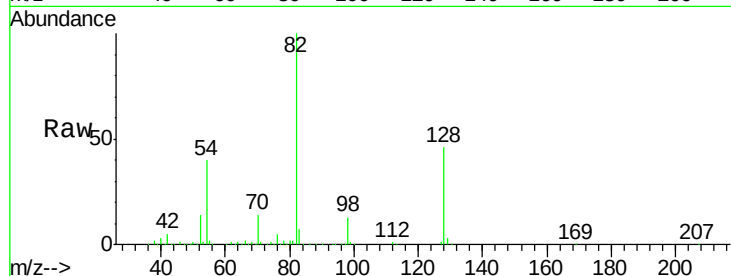
Tot Ion: 82 Resp: 997414

Ion Ratio Lower Upper

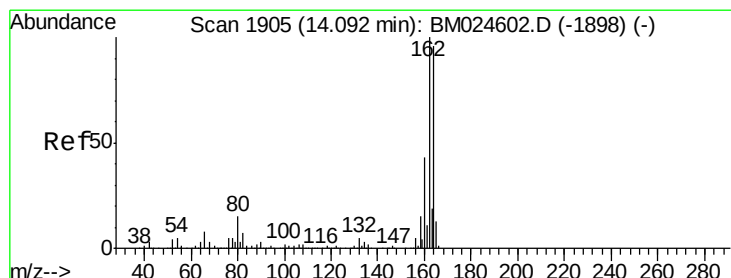
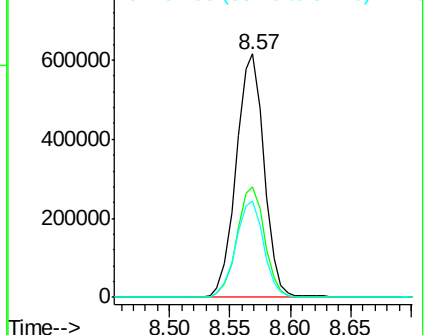
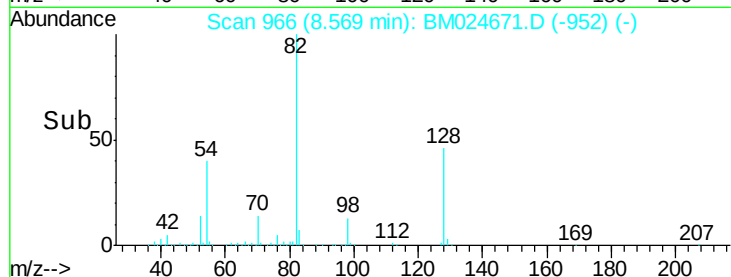
82 100

128 45.6 32.6 48.8

54 39.7 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM024671.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

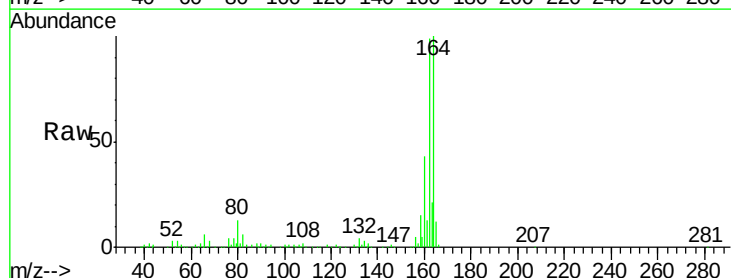
Tgt Ion: 164 Resp: 382725

Ion Ratio Lower Upper

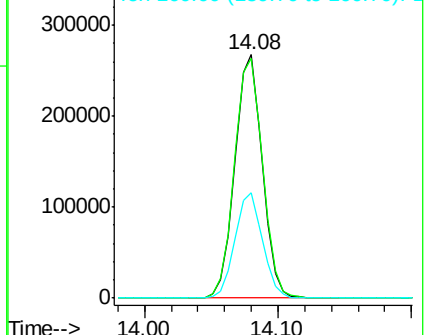
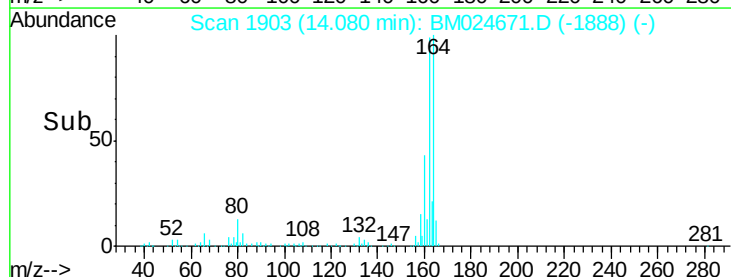
164 100

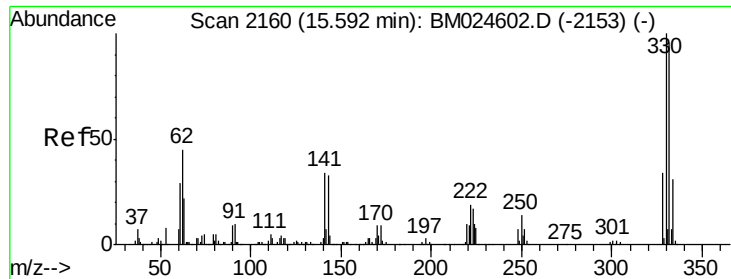
162 98.6 82.9 124.3

160 43.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BM024671.D (-1888) (-)

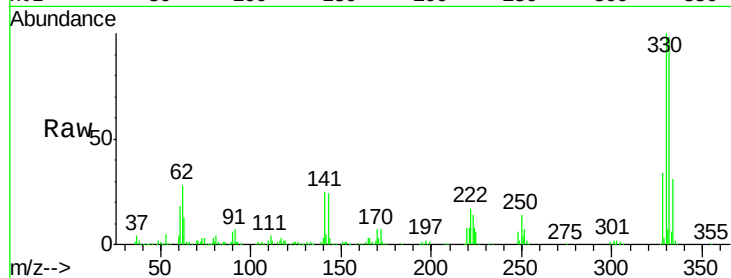




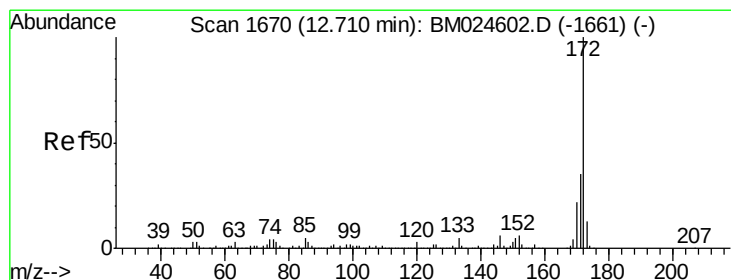
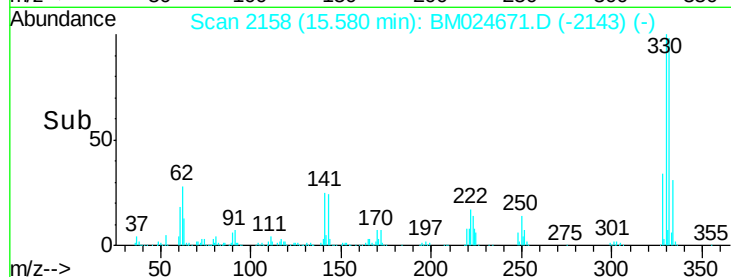
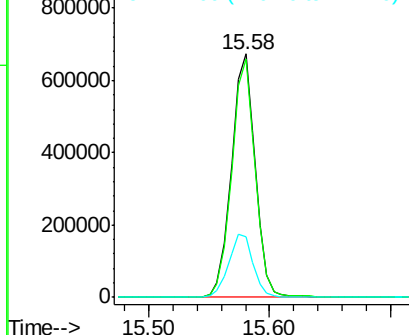
#42
 2,4,6-Tribromophenol
 Concen: 148.205 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM024671.D
 Acq: 30 Jan 2020 22:43

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-C

Tot Ion:330 Resp: 922665
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.2 115.8
 141 26.8 26.9 40.3#

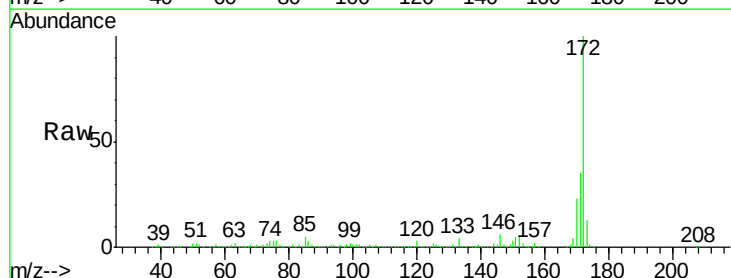


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

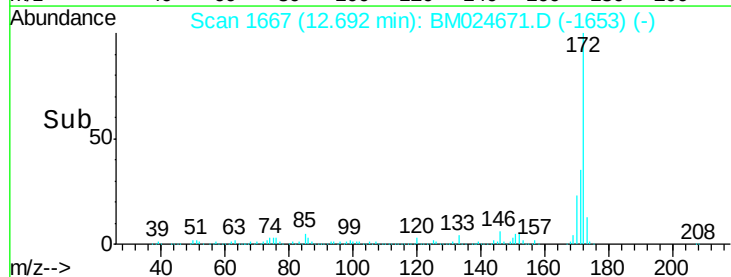
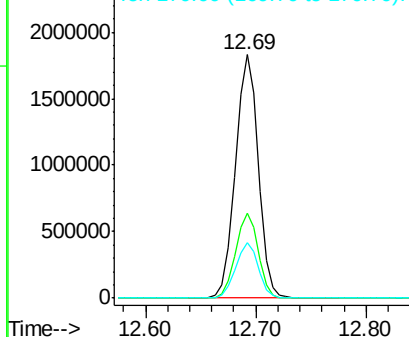


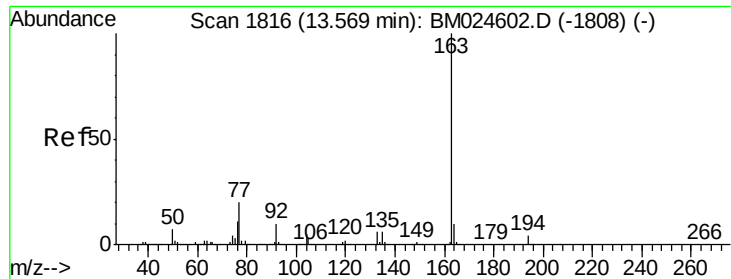
#45
 2-Fluorobiphenyl
 Concen: 94.717 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024671.D
 Acq: 30 Jan 2020 22:43

Tgt Ion:172 Resp: 2666467
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 22.7 17.9 26.9



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: 4.052 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-C

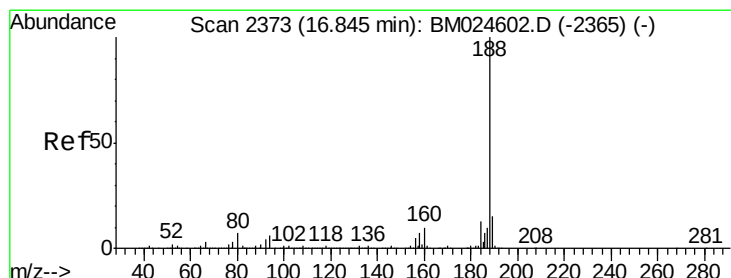
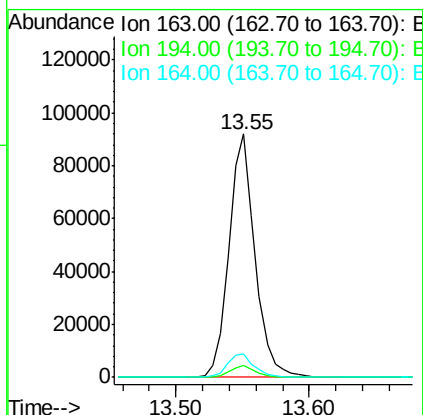
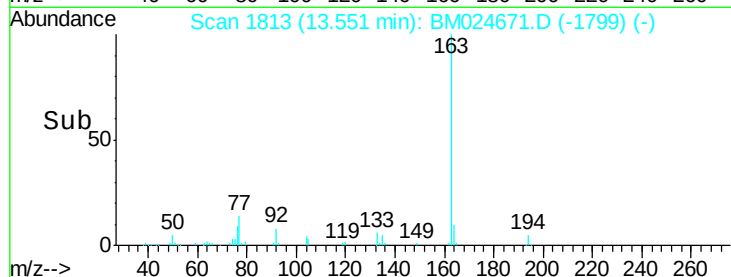
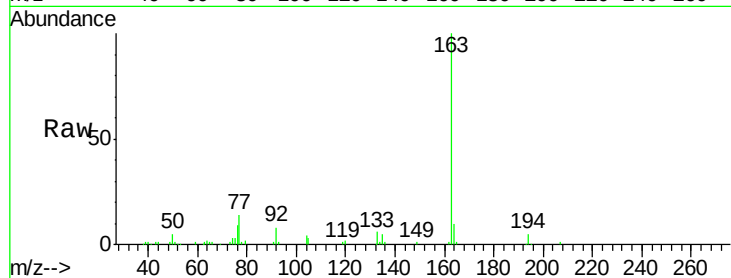
Tot Ion:163 Resp: 125405

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

164 9.8 8.0 12.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

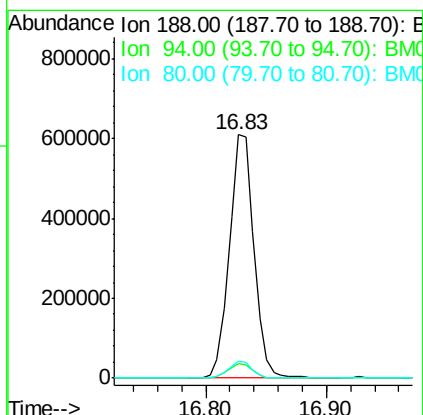
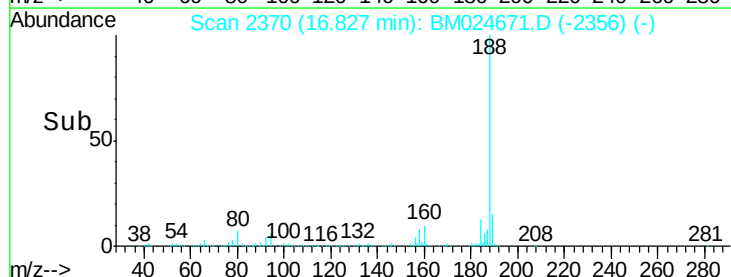
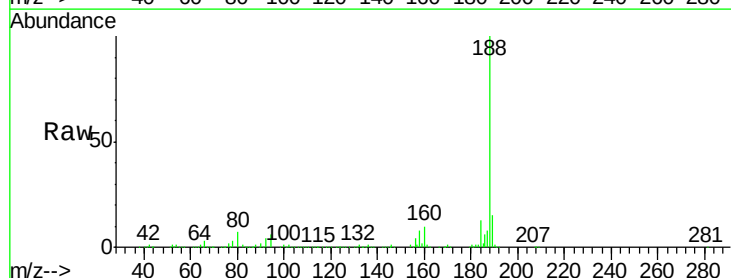
Tgt Ion:188 Resp: 863846

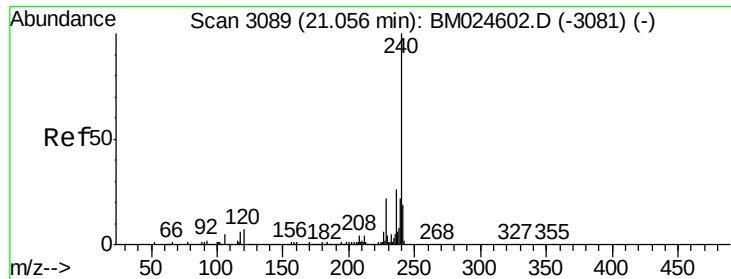
Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.6

80 7.1 5.8 8.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-C

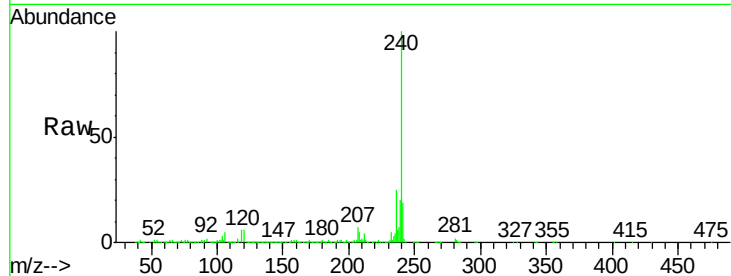
Tot Ion:240 Resp: 1063414

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

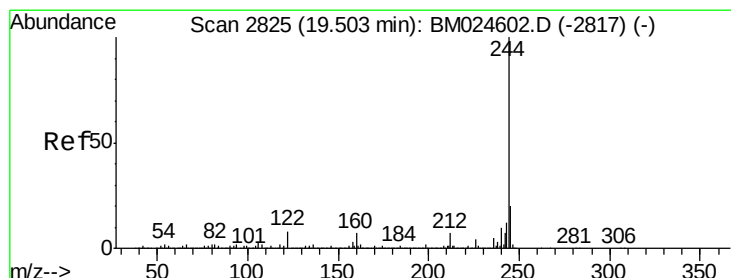
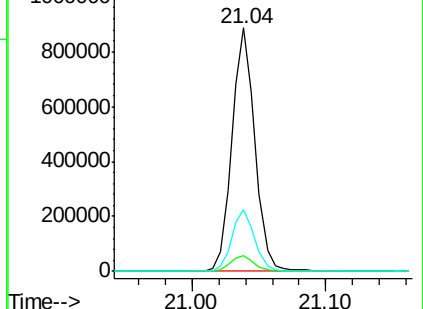
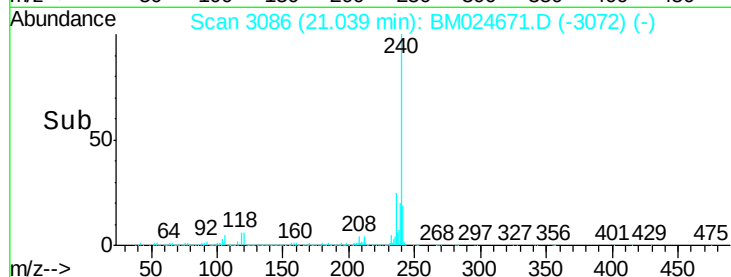
236 25.2 20.6 31.0



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: 88.216 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024671.D

Acq: 30 Jan 2020 22:43

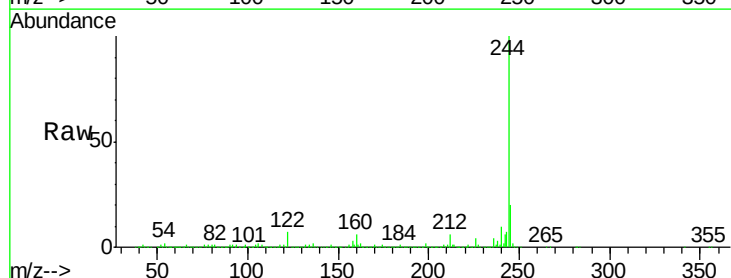
Tgt Ion:244 Resp: 5024928

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

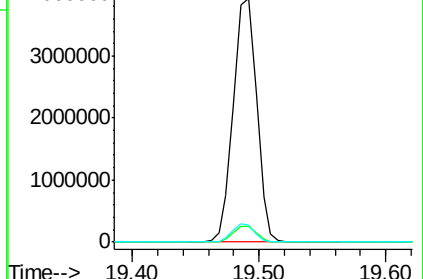
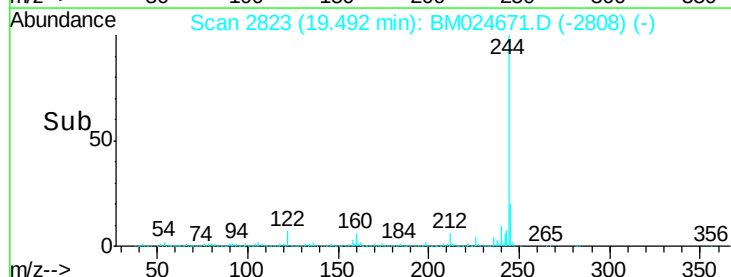
122 6.8 6.2 9.4

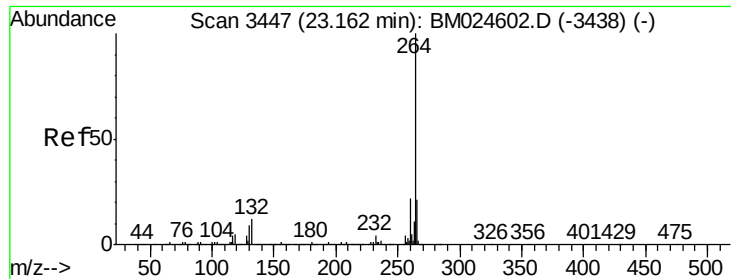


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



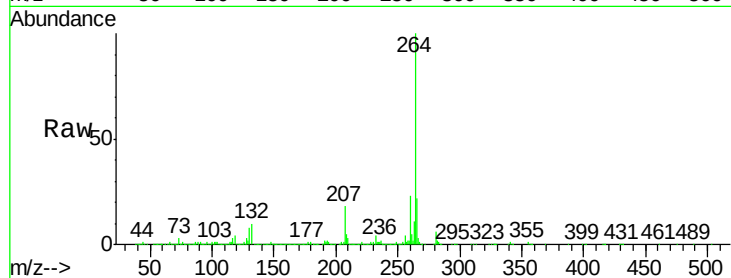


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM024671.D
Acq: 30 Jan 2020 22:43

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-C

Tot Ion:264 Resp: 1295367

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.2	17.3	25.9



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

