

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024638.D
 Acq On : 28 Jan 2020 13:07
 Operator : CG/JU
 Sample : PB126401TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126401TB

Quant Time: Jan 28 14:47:11 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	7.44	152	223857	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	800906	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	565406	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1269149	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1203579	20.00	ng	0.00
87) Perylene-d12	23.16	264	1172947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1623328	137.91	ng	0.00
7) Phenol-d6	6.65	99	1953969	120.50	ng	0.00
23) Nitrobenzene-d5	8.58	82	1274162	78.02	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1218264	132.46	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3628069	87.24	ng	0.00
79) Terphenyl-d14	19.50	244	6643573	103.05	ng	0.00

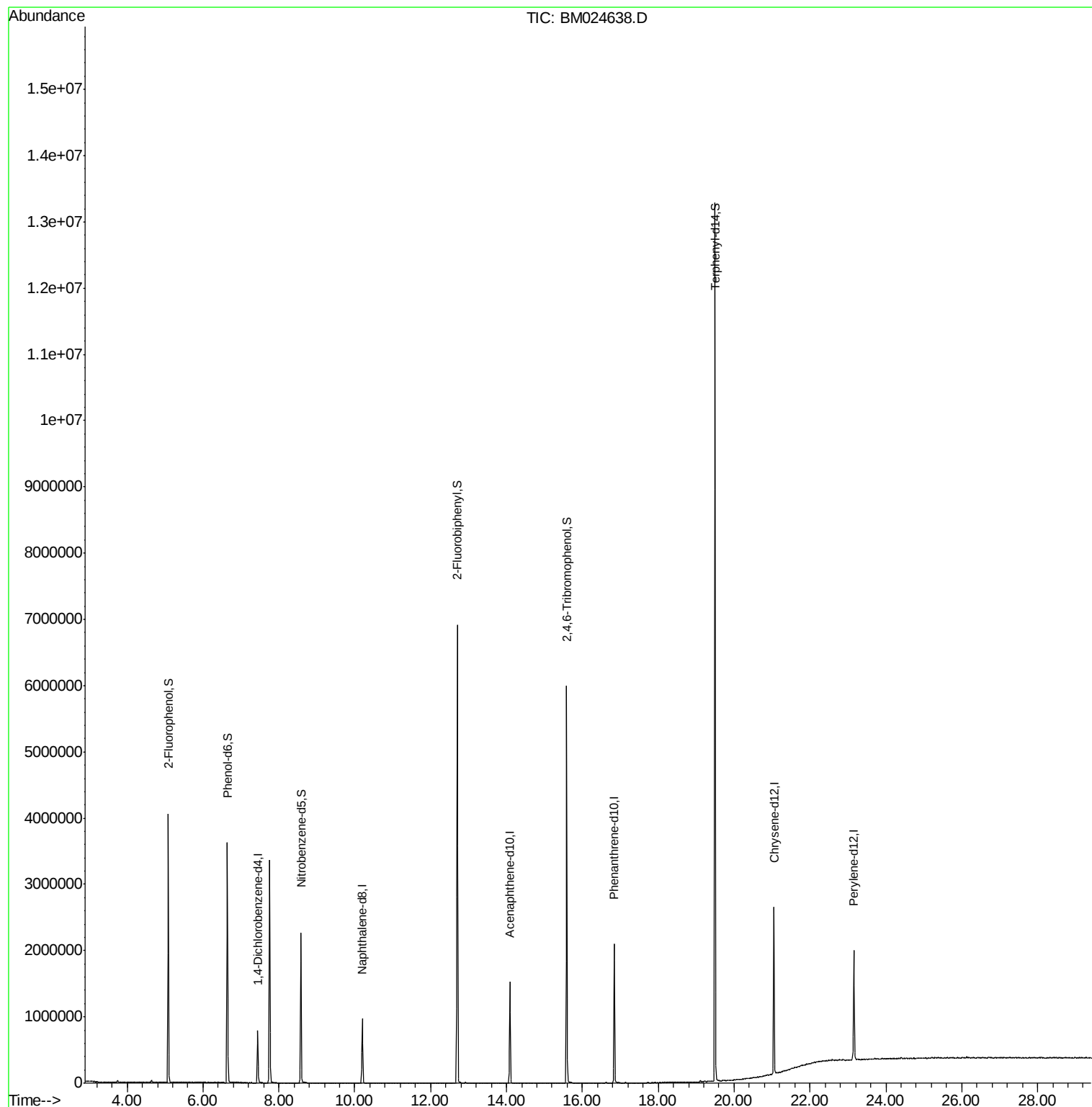
Target Compounds Qvalue

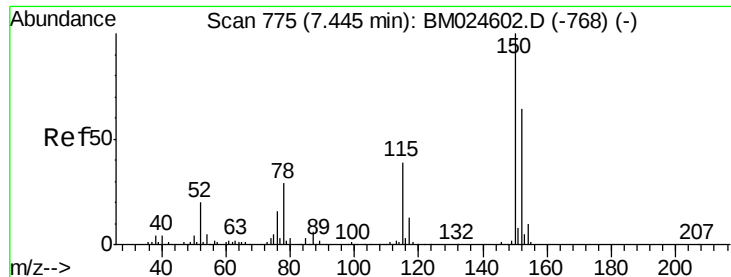
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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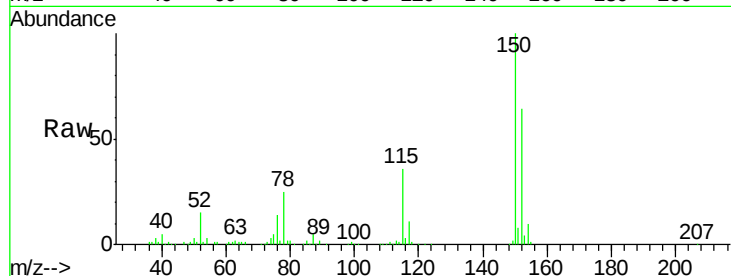


#1

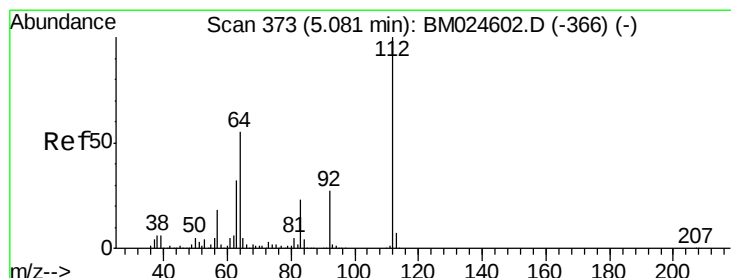
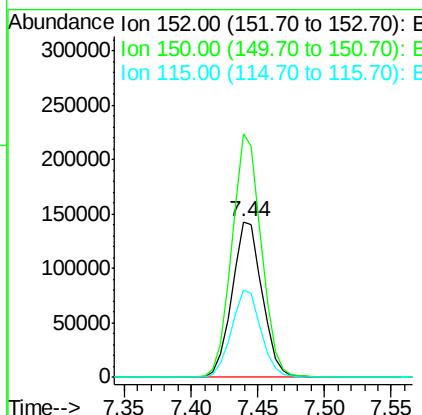
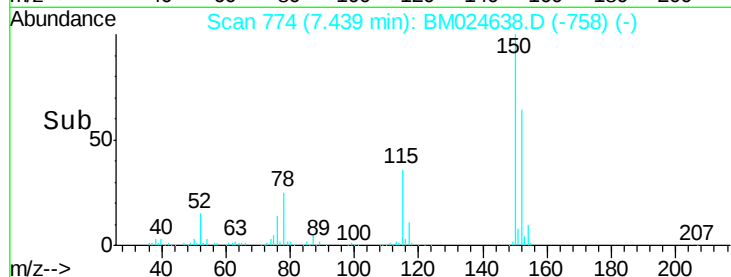
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024638.D
Acq: 28 Jan 2020 13:07

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	56.2	48.6	72.8



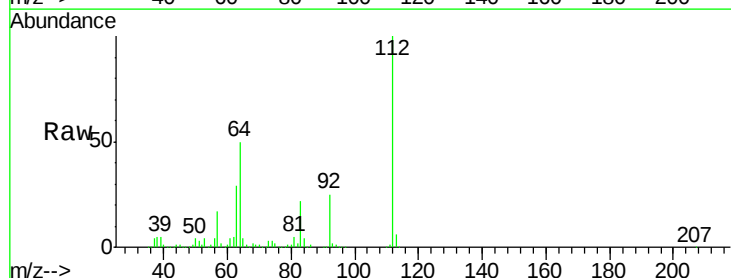
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



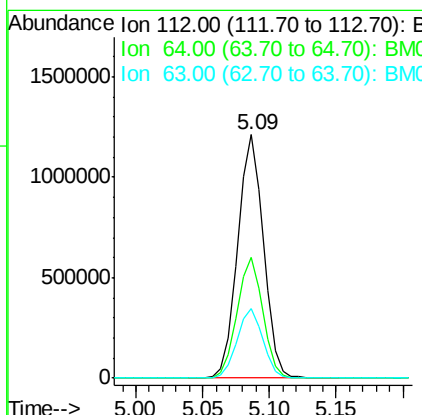
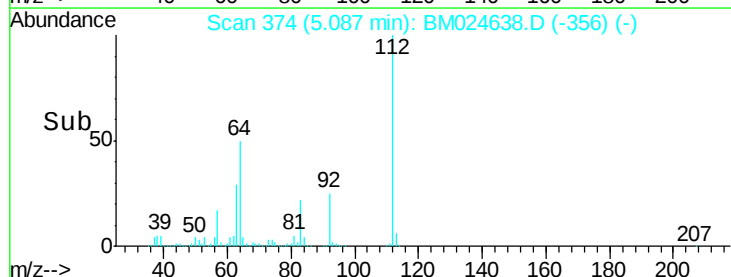
#5

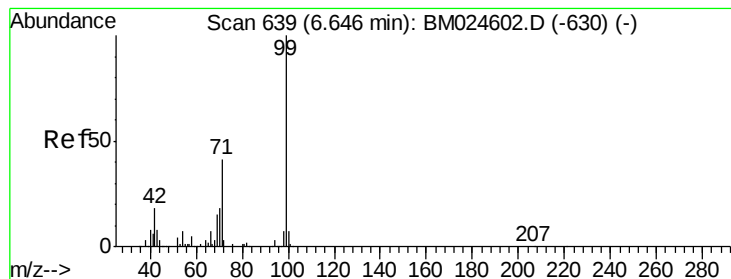
2-Fluorophenol
Concen: 137.909 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024638.D
Acq: 28 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	44.2	66.4
63	28.7	25.9	38.9



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: 120.500 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024638.D

Acq: 28 Jan 2020 13:07

Instrument :

BNA_M

ClientSampleId :

PB126401TB

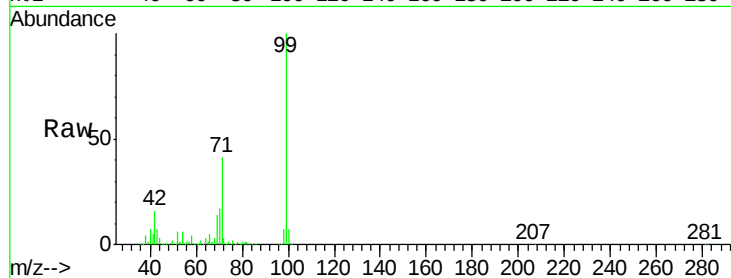
Tot Ion: 99 Resp: 1953969

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

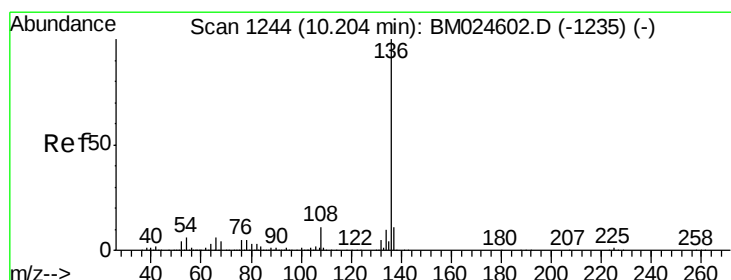
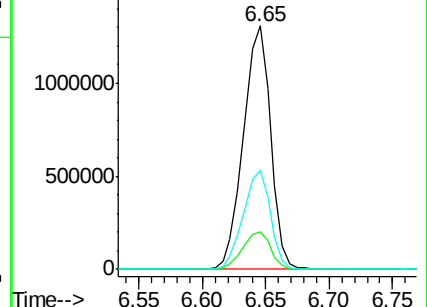
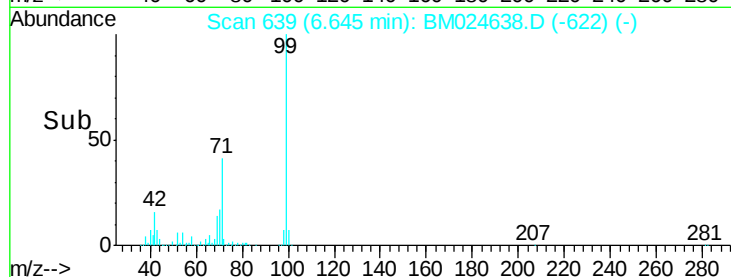
71 40.7 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024638.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024638.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024638.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024638.D

Acq: 28 Jan 2020 13:07

Tgt Ion: 136 Resp: 800906

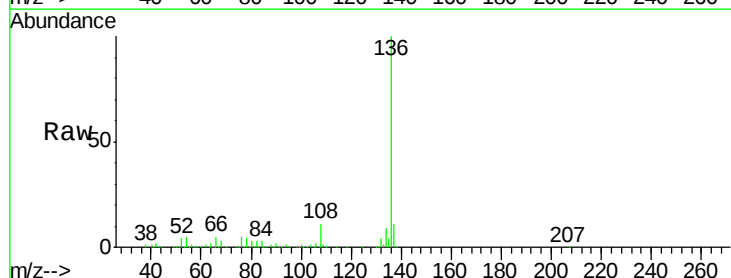
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 4.7 4.5 6.7

68 3.3 3.4 5.0#

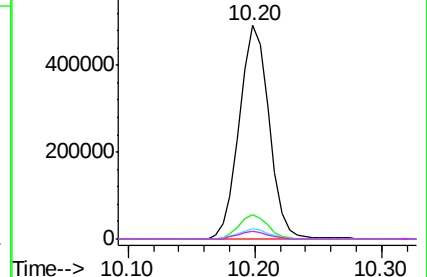
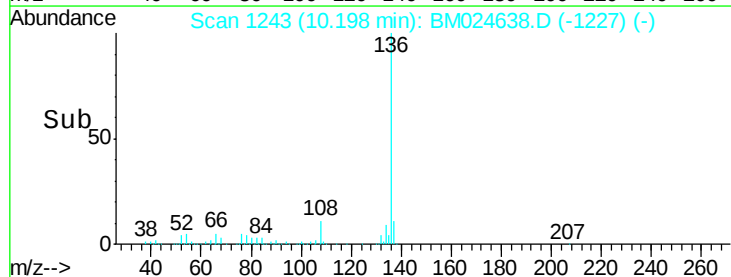


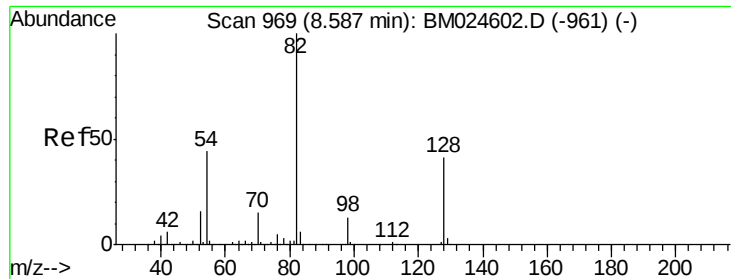
Abundance Ion 136.00 (135.70 to 136.70): BM024638.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024638.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024638.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024638.D (-1227) (-)

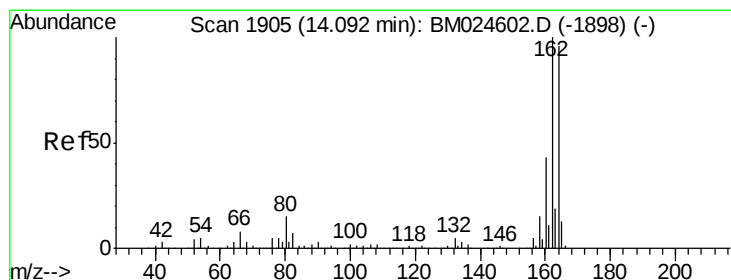
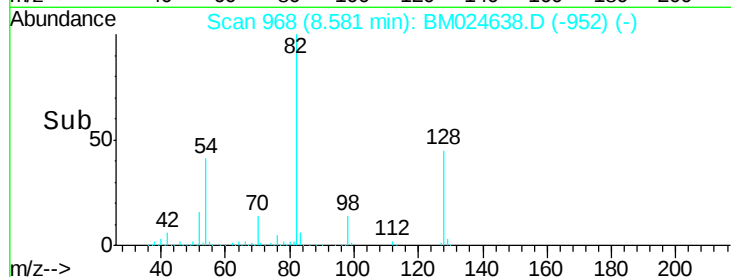
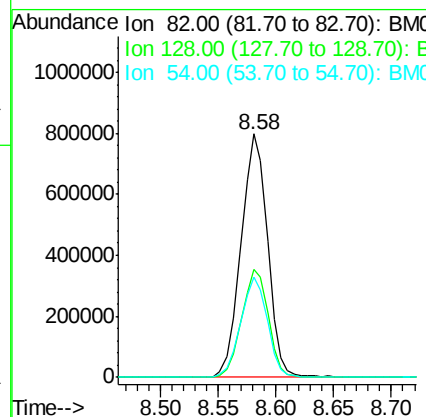
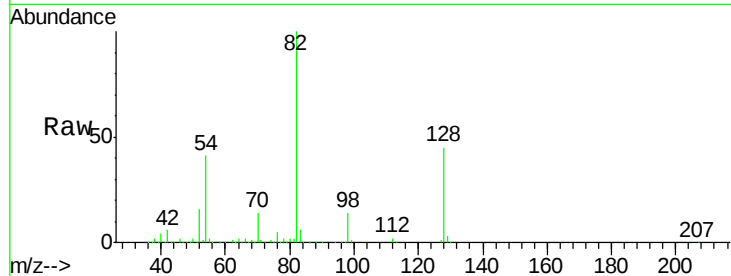




#23
 Nitrobenzene-d5
 Concen: 78.020 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024638.D
 Acq: 28 Jan 2020 13:07

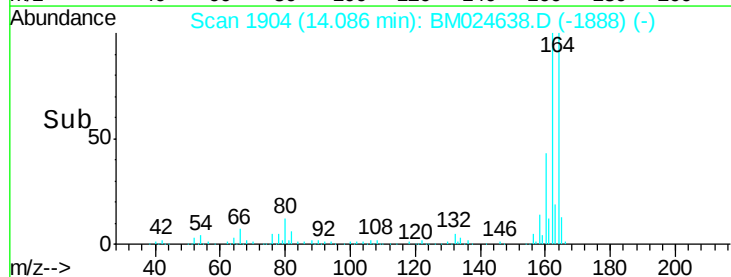
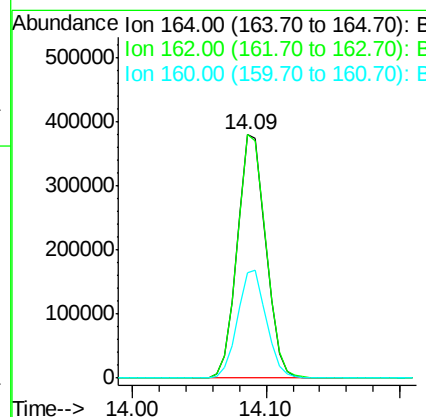
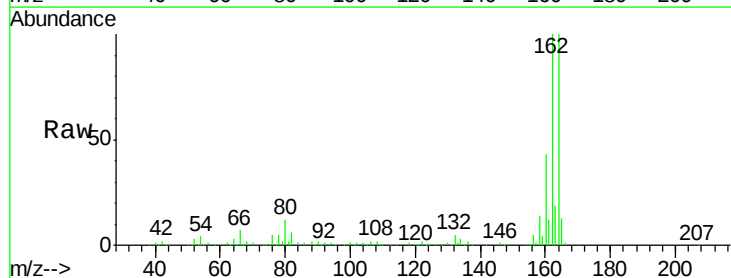
Instrument :
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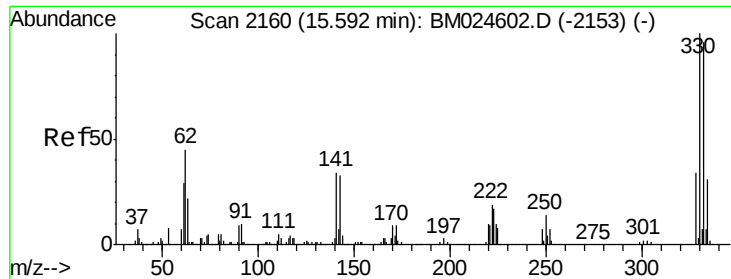
Tot Ion: 82 Resp: 1274162
 Ion Ratio Lower Upper
 82 100
 128 44.5 32.6 48.8
 54 41.3 34.8 52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024638.D
 Acq: 28 Jan 2020 13:07

Tgt Ion:164 Resp: 565406
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.9 124.3
 160 43.2 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 132.461 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024638.D

Acq: 28 Jan 2020 13:07

Instrument :

BNA_M

ClientSampleId :

PB126401TB

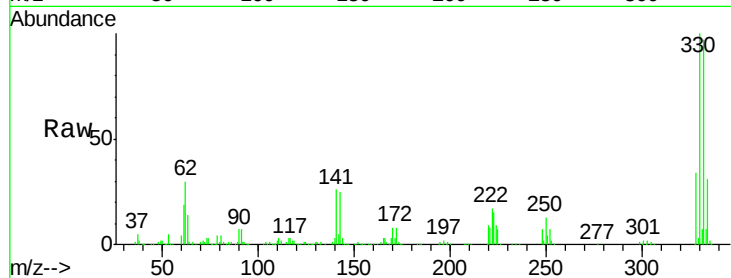
Tot Ion:330 Resp: 1218264

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

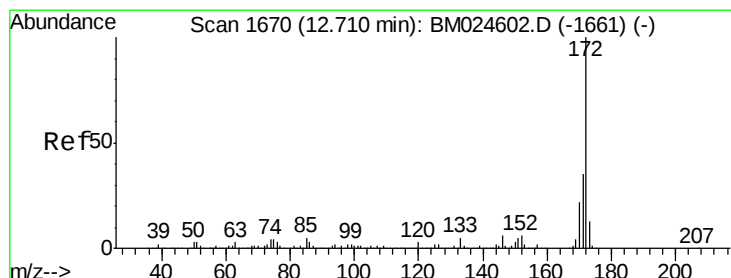
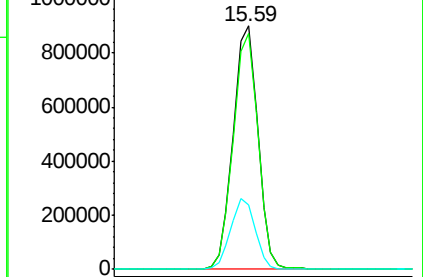
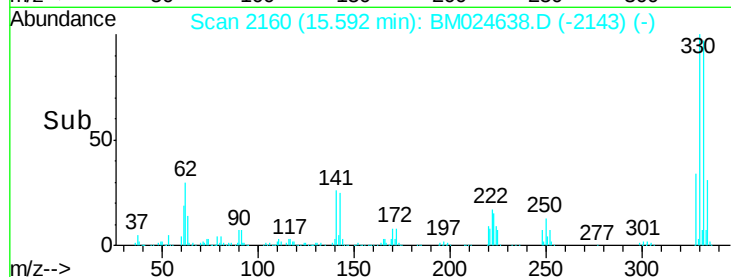
141 29.0 26.9 40.3



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: 87.236 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM024638.D

Acq: 28 Jan 2020 13:07

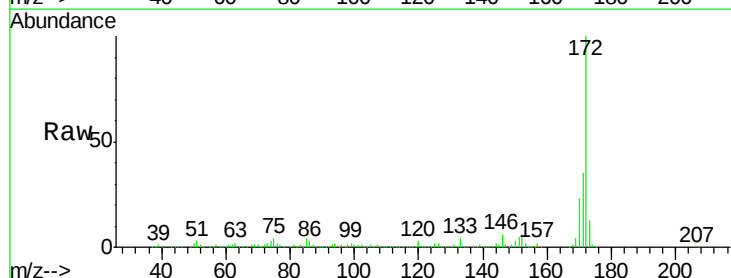
Tgt Ion:172 Resp: 3628069

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

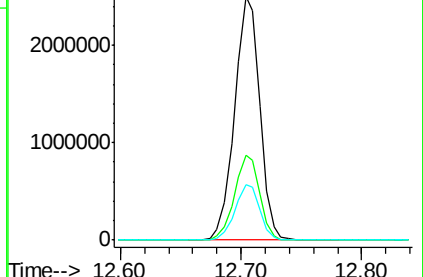
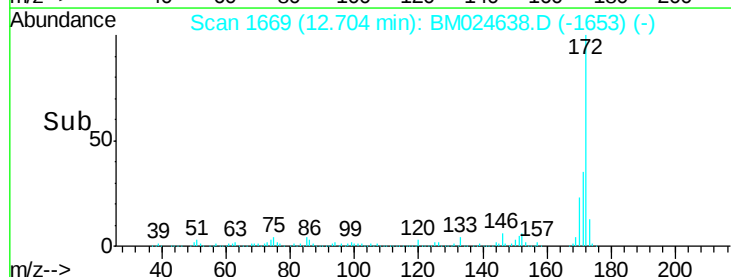
170 22.9 17.9 26.9

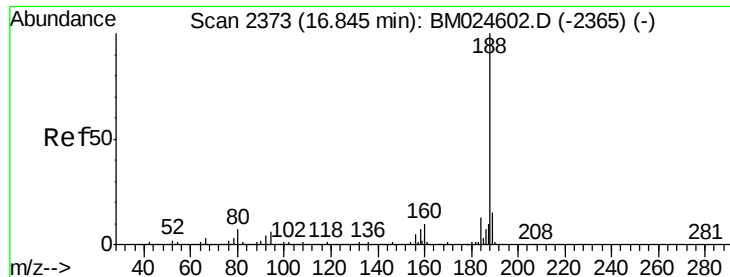


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

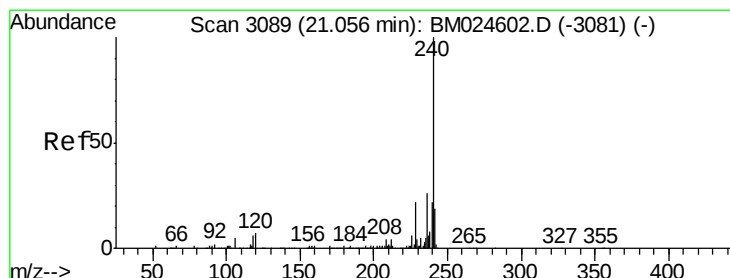
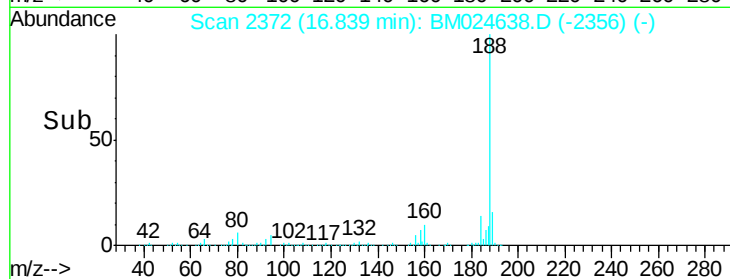
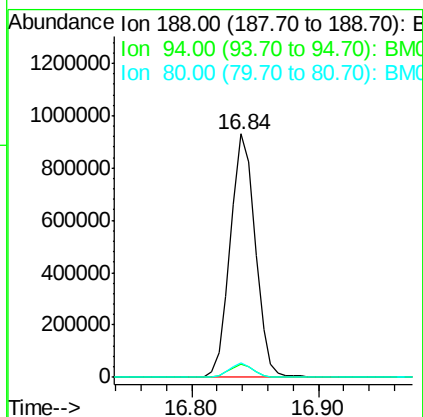
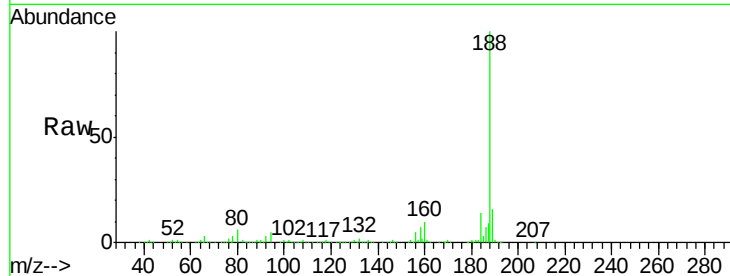




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024638.D
Acq: 28 Jan 2020 13:07

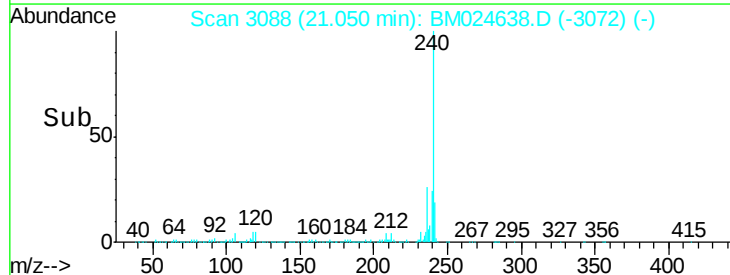
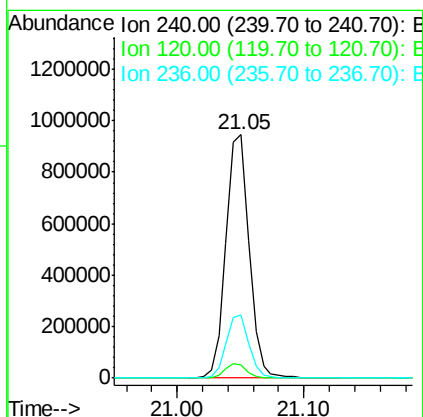
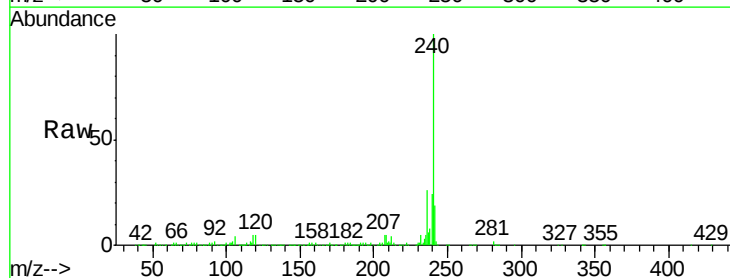
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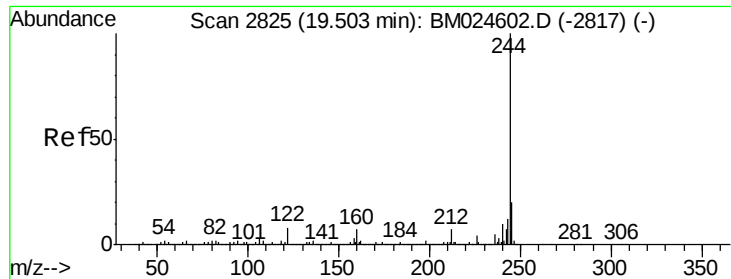
Tot Ion:188 Resp: 1269149
Ion Ratio Lower Upper
188 100
94 5.4 5.0 7.6
80 5.8 5.8 8.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024638.D
Acq: 28 Jan 2020 13:07

Tgt Ion:240 Resp: 1203579
Ion Ratio Lower Upper
240 100
120 5.5 5.3 7.9
236 25.8 20.6 31.0

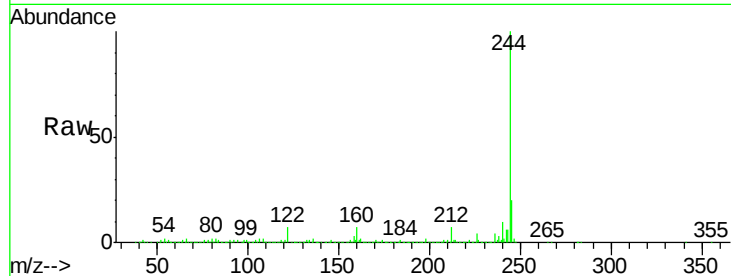




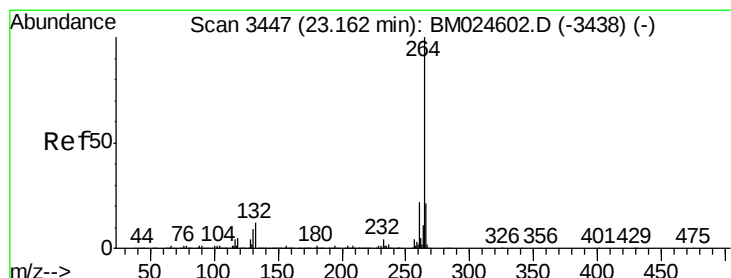
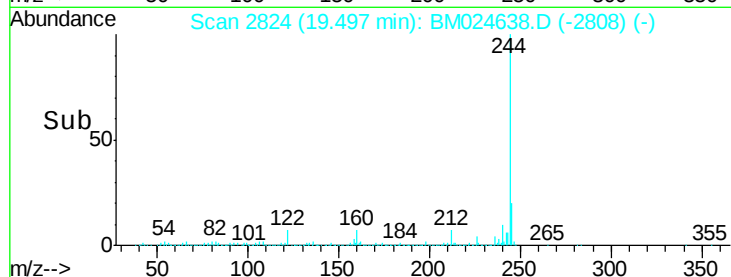
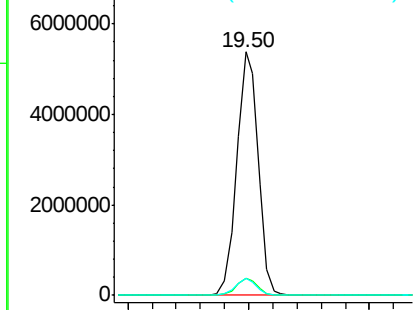
#79
 Terphenyl-d14
 Concen: 103.050 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024638.D
 Acq: 28 Jan 2020 13:07

Instrument :
 BNA_M
 ClientSampleId :
 PB126401TB

Tot Ion:244 Resp: 6643573
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 6.8 6.2 9.4

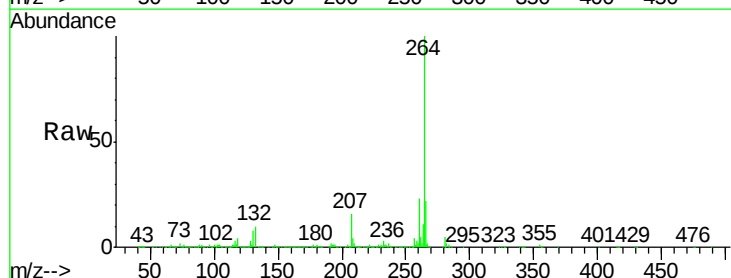


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.16 min Scan# 3446
 Delta R.T. -0.01 min
 Lab File: BM024638.D
 Acq: 28 Jan 2020 13:07

Tgt Ion:264 Resp: 1172947
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 22.0 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

