

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026839.D
 Acq On : 22 Jul 2020 19:16
 Operator : JU/CG
 Sample : L3366-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-DUCK-BANK

Quant Time: Jul 23 02:28:01 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

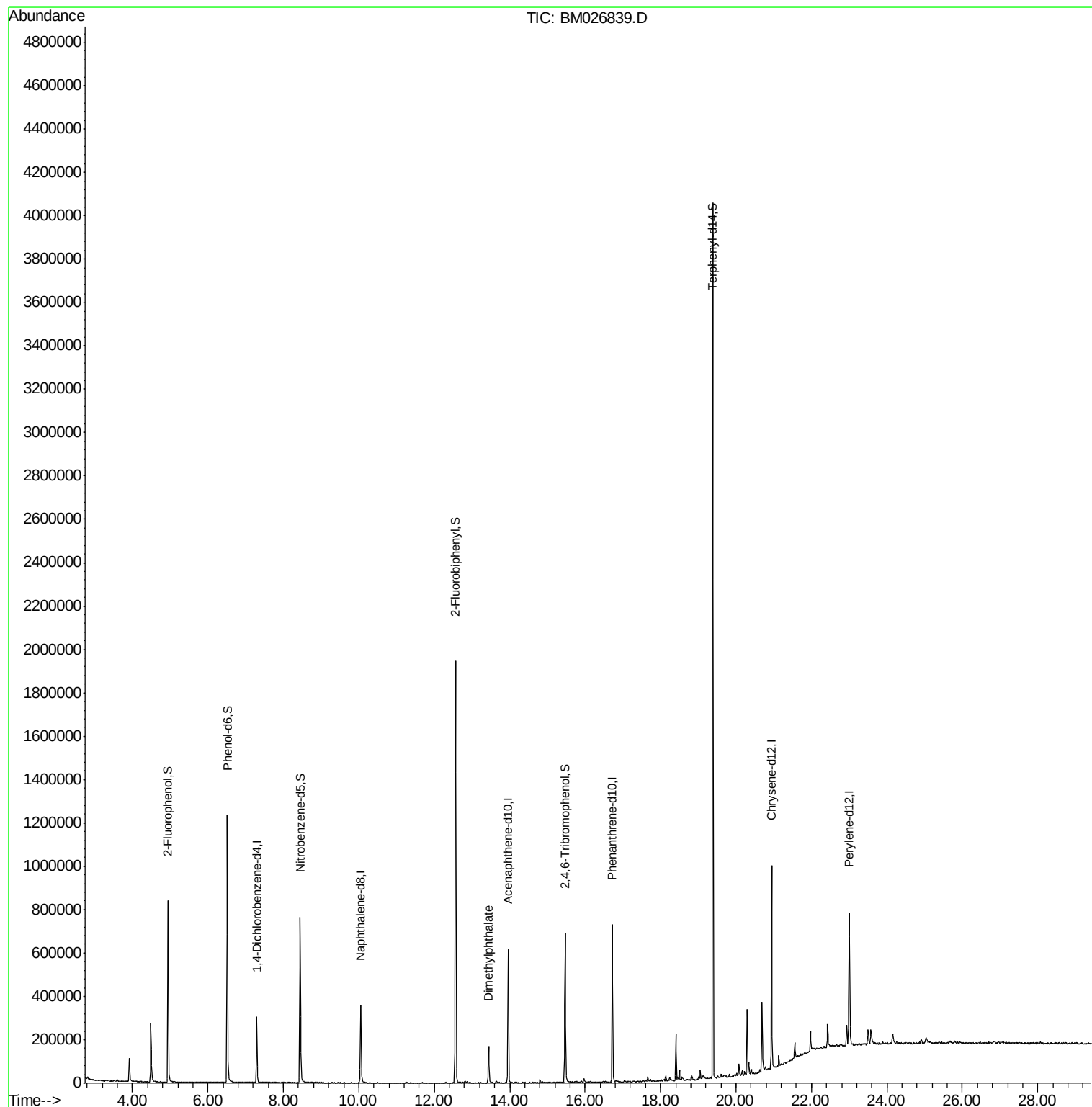
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	65130	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	262472	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	178282	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	404756	20.00	ng	0.00
76) Chrysene-d12	20.94	240	407028	20.00	ng	0.00
86) Perylene-d12	23.01	264	368027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	263628	67.84	ng	0.00
7) Phenol-d6	6.51	99	531613	85.87	ng	0.00
23) Nitrobenzene-d5	8.45	82	403244	65.54	ng	0.00
42) 2,4,6-Tribromophenol	15.47	330	100481	38.69	ng	0.00
45) 2-Fluorobiphenyl	12.57	172	856904	63.91	ng	0.00
79) Terphenyl-d14	19.39	244	1446427	69.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.44	163	98781	6.478	ng	Qvalue 99

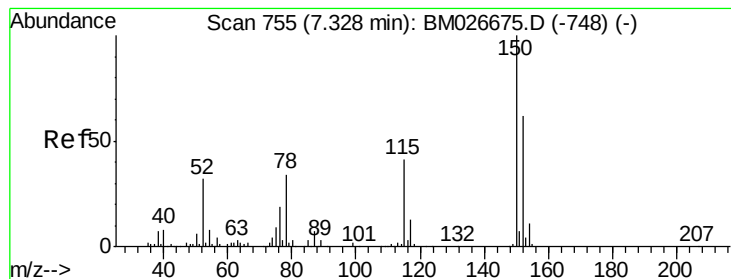
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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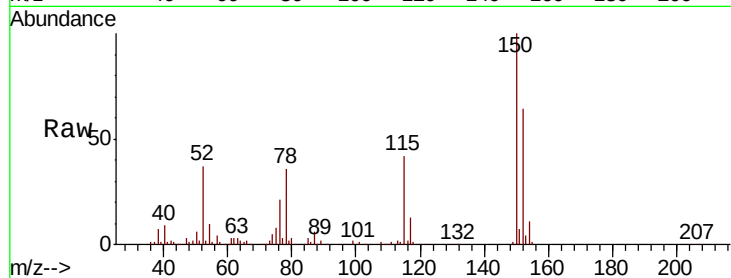


#1

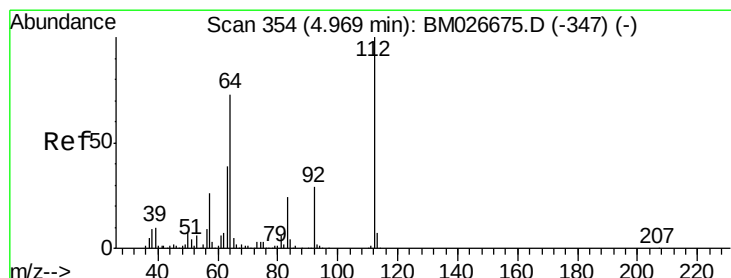
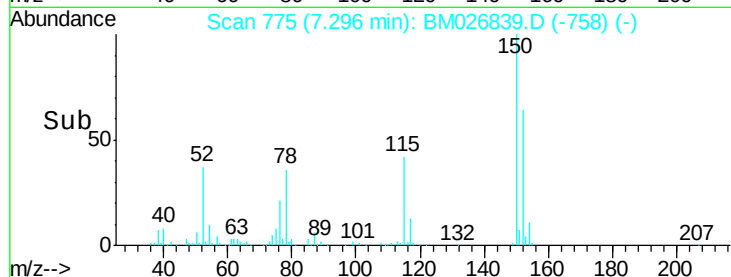
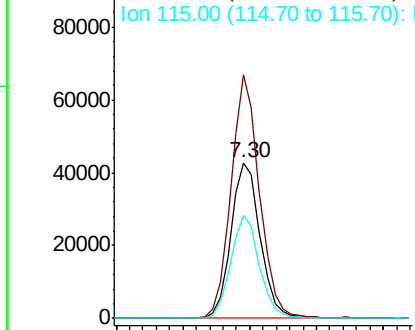
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM026839.D
Acq: 22 Jul 2020 19:16

Instrument :
BNA_M
ClientSampleId :
CONCRETE-DUCK-BANK

Tot Ion:152 Resp: 65130
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 65.8 52.2 78.4



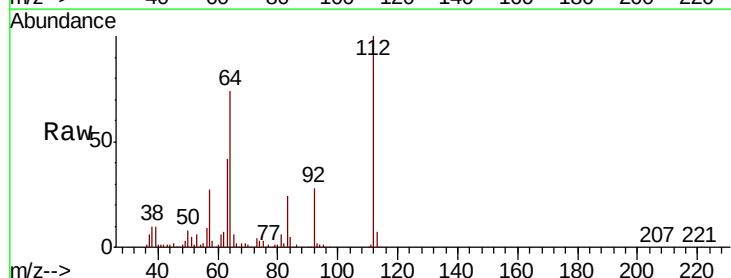
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



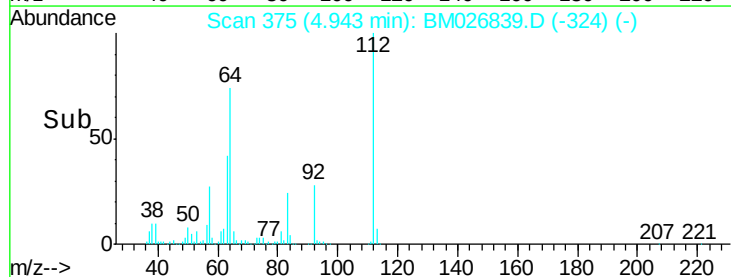
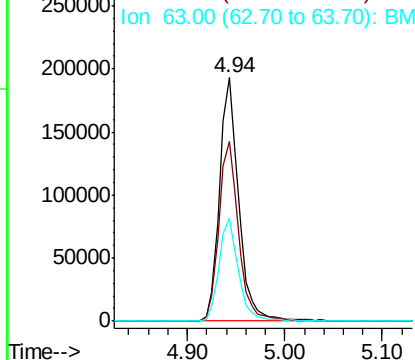
#5

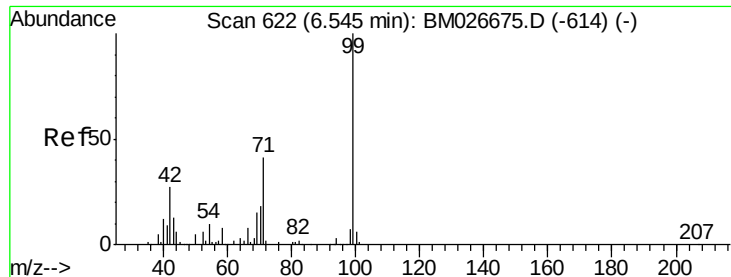
2-Fluorophenol
Concen: 67.844 ng
RT: 4.94 min Scan# 375
Delta R.T. 0.00 min
Lab File: BM026839.D
Acq: 22 Jul 2020 19:16

Tgt Ion:112 Resp: 263628
Ion Ratio Lower Upper
112 100
64 73.5 58.4 87.6
63 42.2 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: 85.867 ng

RT: 6.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

Instrument :

BNA_M

ClientSampleId :

CONCRETE-DUCK-BANK

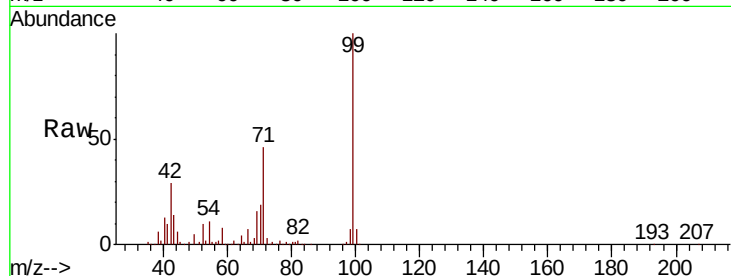
Tot Ion: 99 Resp: 531613

Ion Ratio Lower Upper

99 100

42 29.3 21.7 32.5

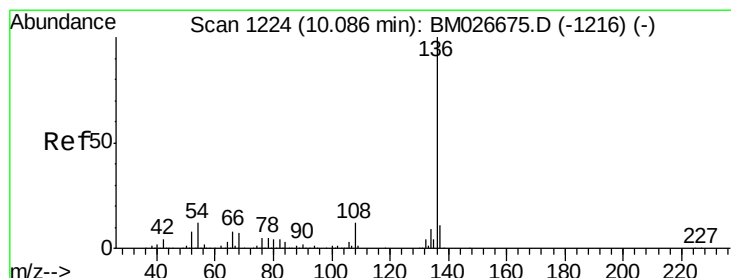
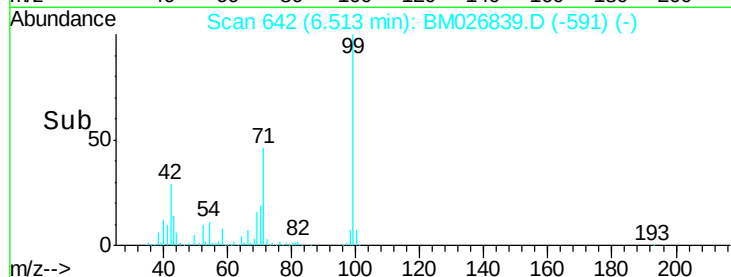
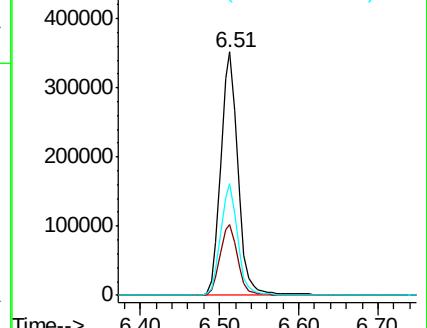
71 45.9 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

Tgt Ion: 136 Resp: 262472

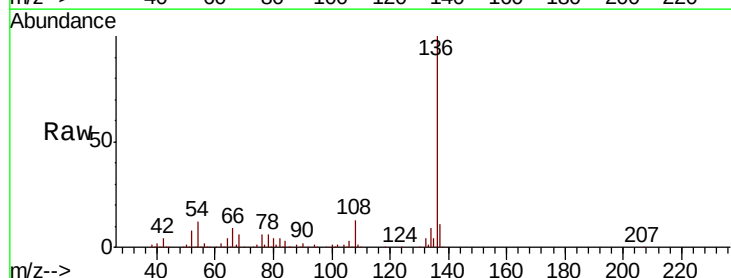
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 12.2 9.8 14.6

68 6.0 5.8 8.6

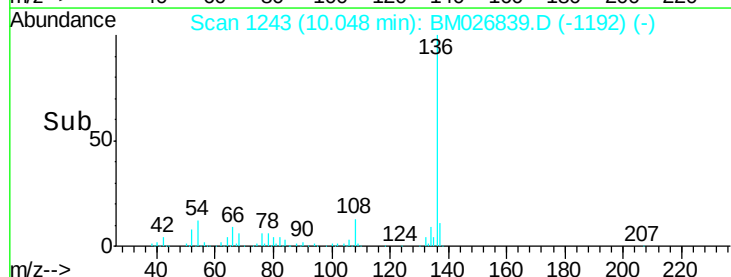
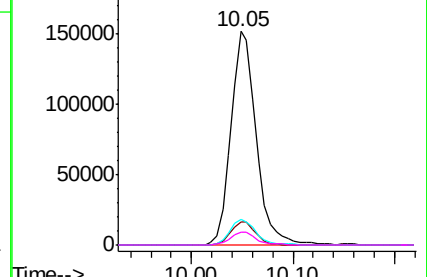


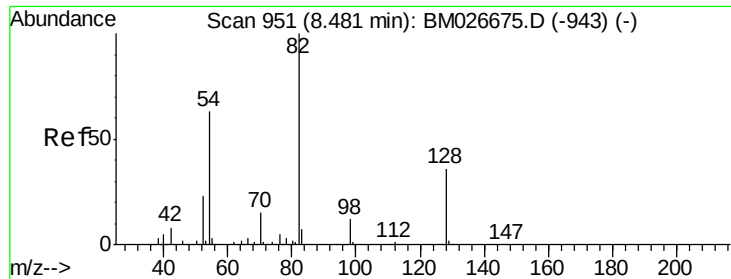
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

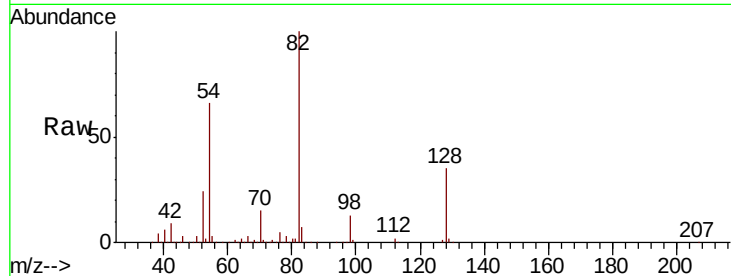




#23
 Nitrobenzene-d5
 Concen: 65.545 ng
 RT: 8.45 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BM026839.D
 Acq: 22 Jul 2020 19:16

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-DUCK-BANK

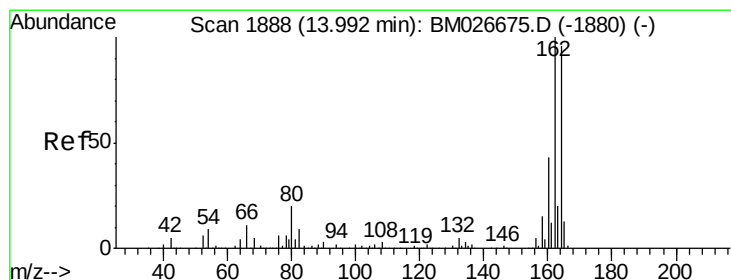
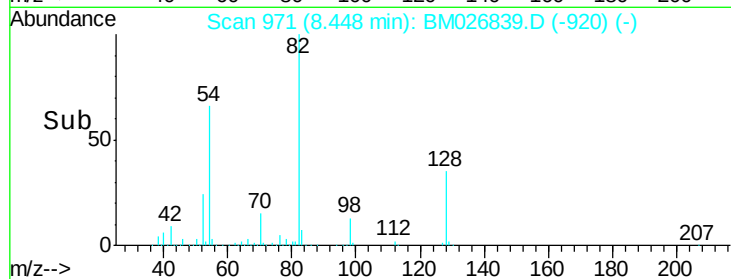
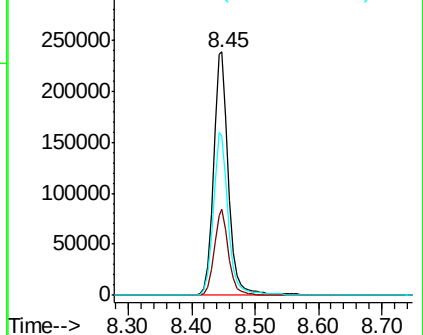
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.1	43.7
54	65.5	50.2	75.4



Abundance Ion 82.00 (81.70 to 82.70): BM026675.D (-943) (-)

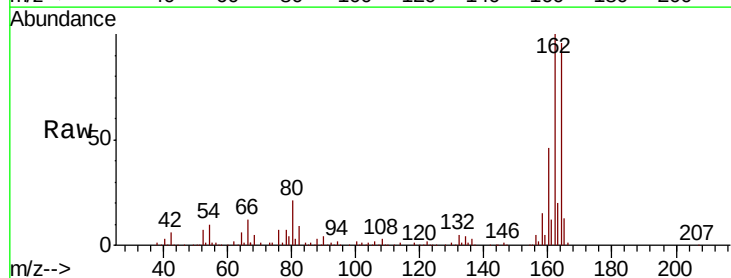
Ion 128.00 (127.70 to 128.70): BM026675.D (-943) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-943) (-)



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM026839.D
 Acq: 22 Jul 2020 19:16

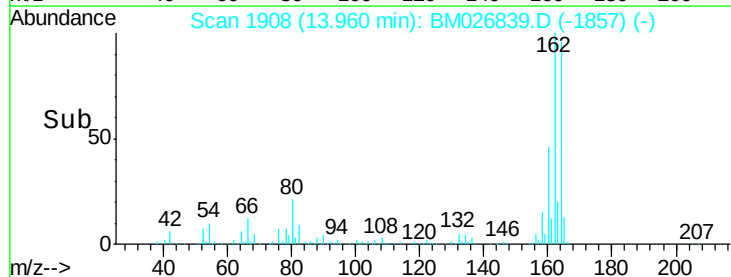
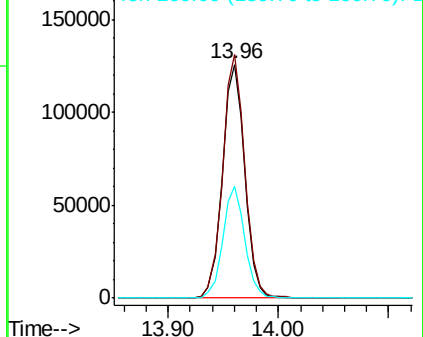
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.7	125.5
160	47.6	36.2	54.2

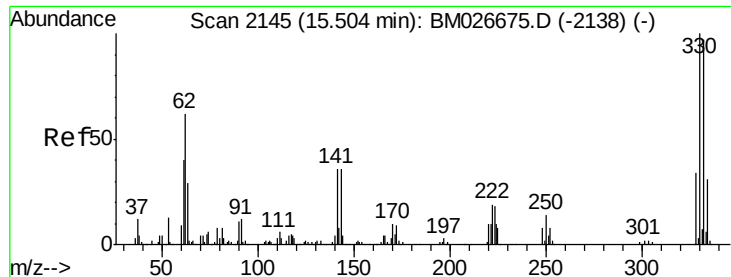


Abundance Ion 164.00 (163.70 to 164.70): BM026675.D (-1880) (-)

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: 38.691 ng

RT: 15.47 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

Instrument :

BNA_M

ClientSampleId :

CONCRETE-DUCK-BANK

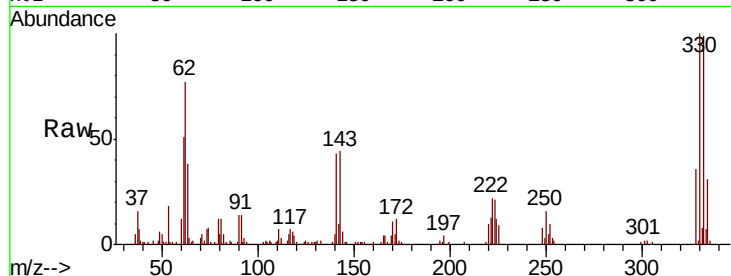
Tot Ion:330 Resp: 100481

Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

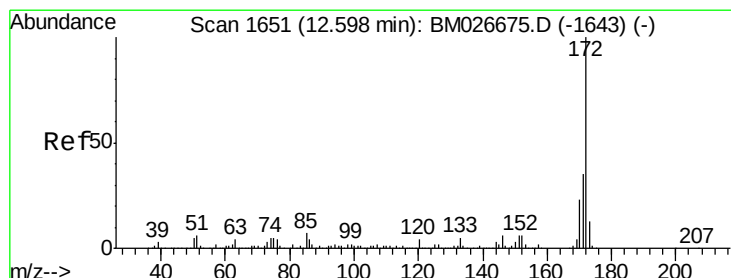
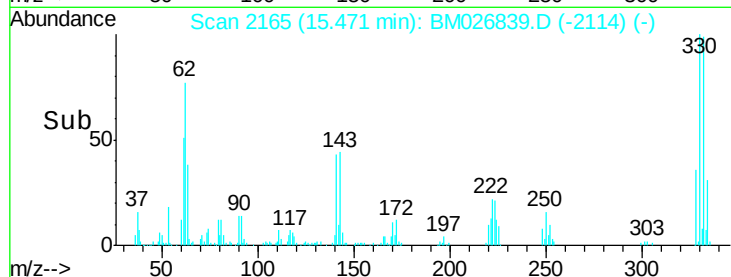
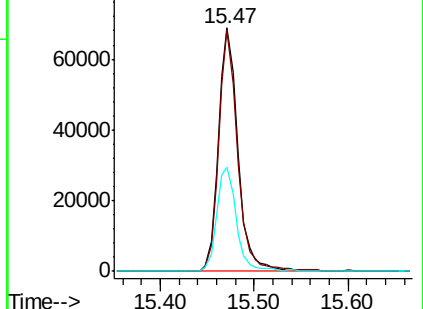
141 43.4 32.4 48.6



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: 63.908 ng

RT: 12.57 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

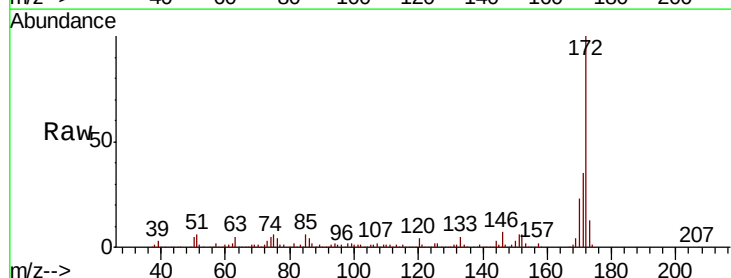
Tgt Ion:172 Resp: 856904

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

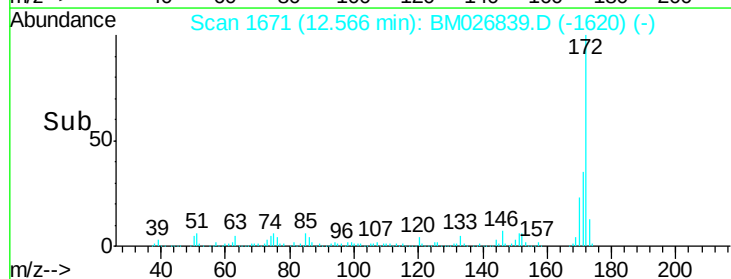
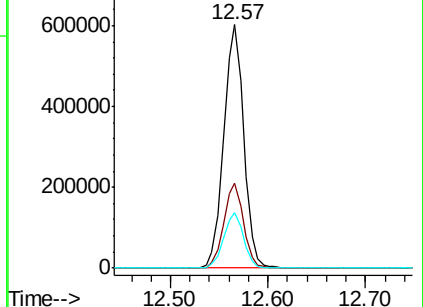
170 22.7 18.5 27.7

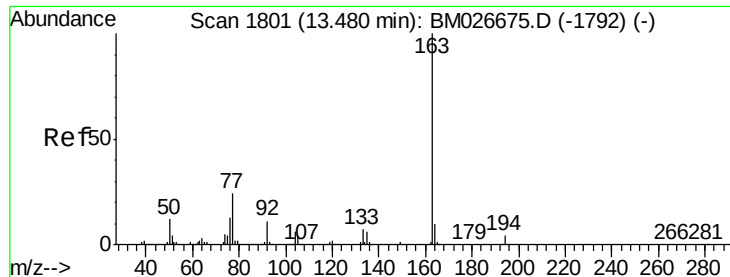


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.478 ng

RT: 13.44 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

Instrument :

BNA_M

ClientSampleId :

CONCRETE-DUCK-BANK

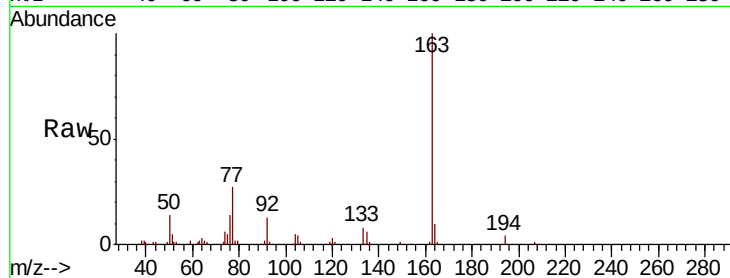
Tot Ion:163 Resp: 98781

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

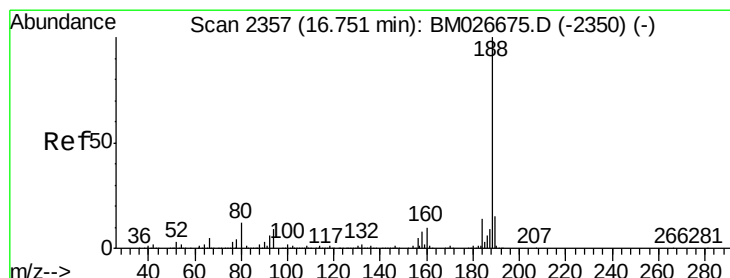
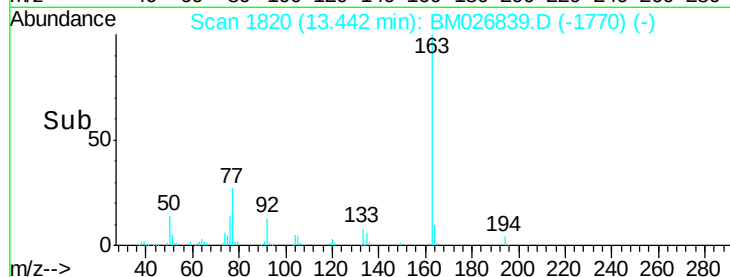
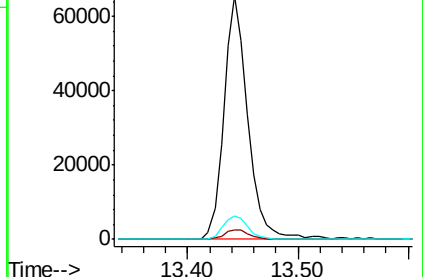
164 9.9 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM026839.D

Acq: 22 Jul 2020 19:16

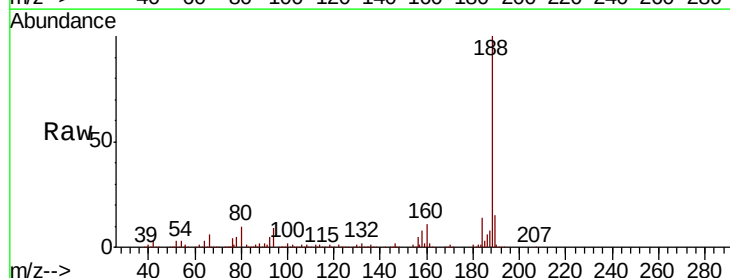
Tgt Ion:188 Resp: 404756

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

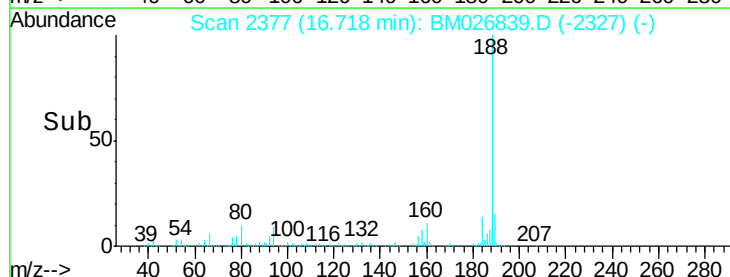
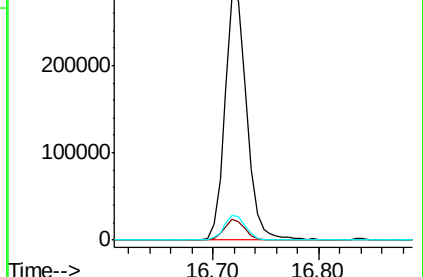
80 10.2 9.3 13.9

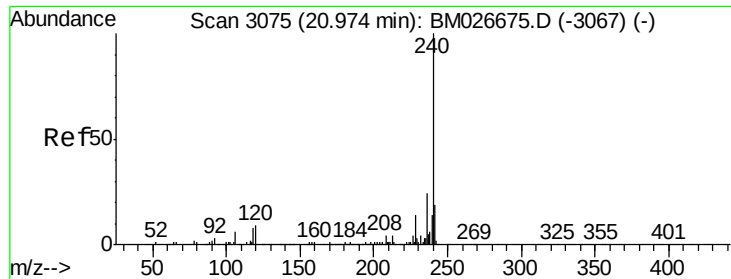


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

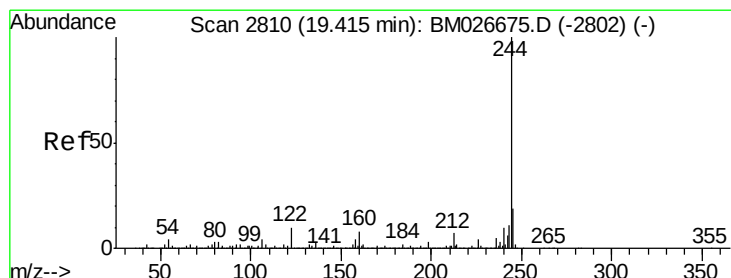
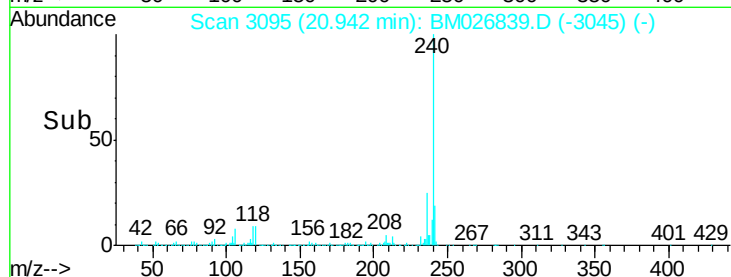
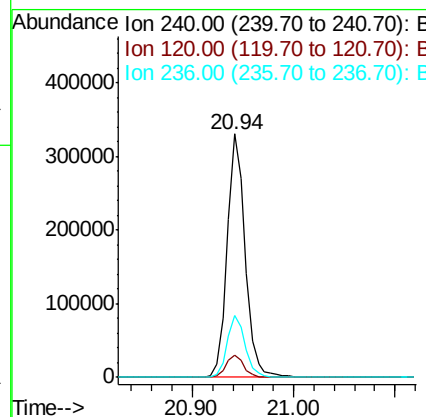
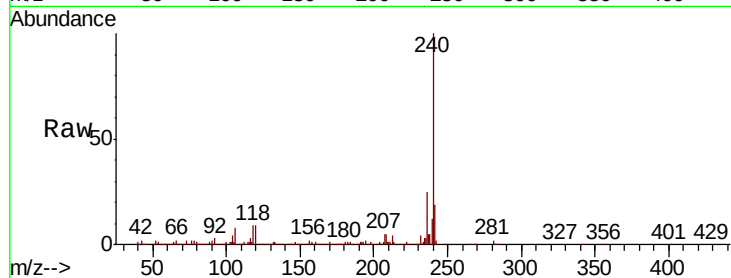




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026839.D
Acq: 22 Jul 2020 19:16

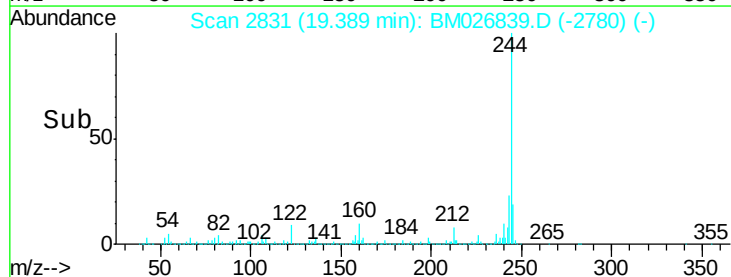
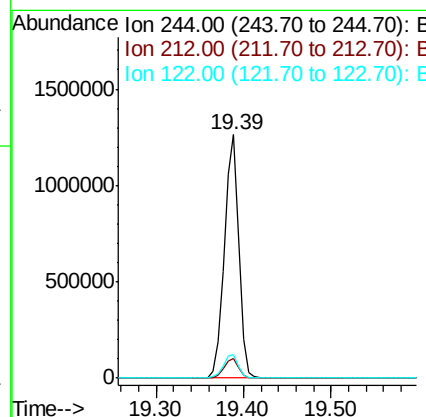
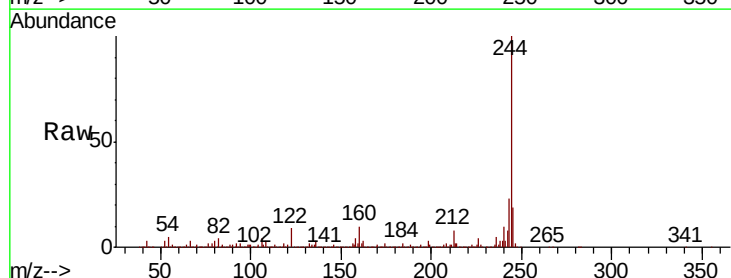
Instrument :
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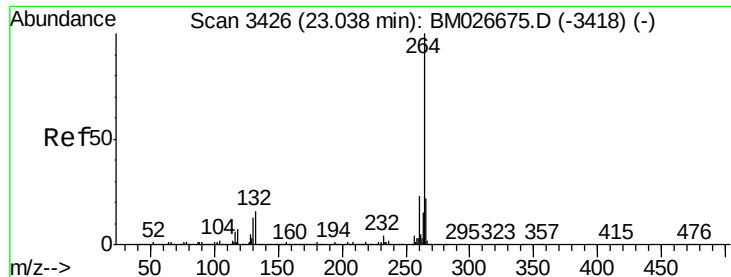
Tot Ion:240 Resp: 407028
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.4 19.4 29.2



#79
Terphenyl-d14
Concen: 69.936 ng
RT: 19.39 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BM026839.D
Acq: 22 Jul 2020 19:16

Tgt Ion:244 Resp: 1446427
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 9.5 8.2 12.4

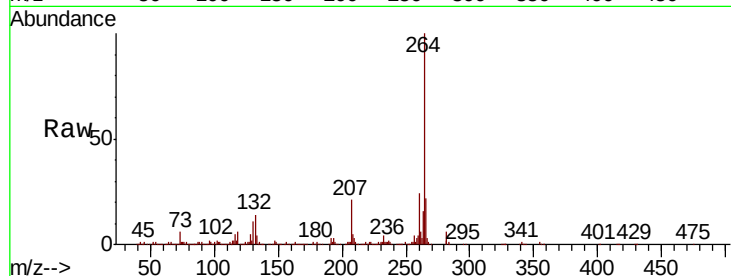




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026839.D
Acq: 22 Jul 2020 19:16

Instrument :
BNA_M
ClientSampleId :
CONCRETE-DUCK-BANK

Tot Ion:	264	Resp:	368027
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.5	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

