

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072220\
 Data File : BM026831.D
 Acq On : 22 Jul 2020 14:22
 Operator : JU/CG
 Sample : L3367-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Quant Time: Jul 22 14:58:22 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

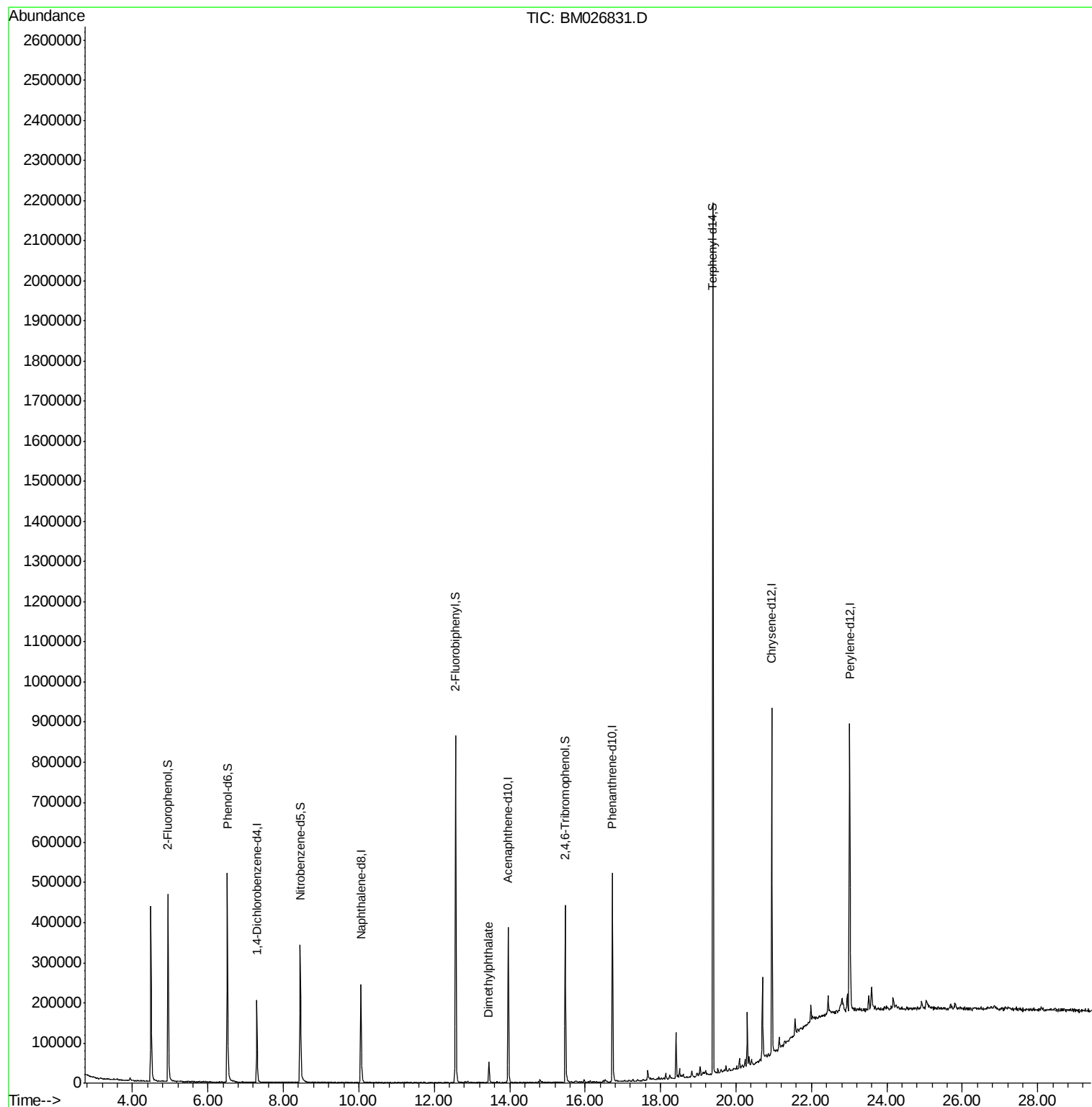
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	46433	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	181485	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	119930	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	285233	20.00	ng	0.00
76) Chrysene-d12	20.95	240	390677	20.00	ng	0.00
86) Perylene-d12	23.01	264	452218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	159890	57.72	ng	0.00
7) Phenol-d6	6.51	99	237328	53.77	ng	0.00
23) Nitrobenzene-d5	8.45	82	190379	44.75	ng	0.00
42) 2,4,6-Tribromophenol	15.48	330	64132	36.71	ng	0.00
45) 2-Fluorobiphenyl	12.57	172	392220	43.48	ng	0.00
79) Terphenyl-d14	19.39	244	784024	39.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.45	163	34311	3.345	ng	99

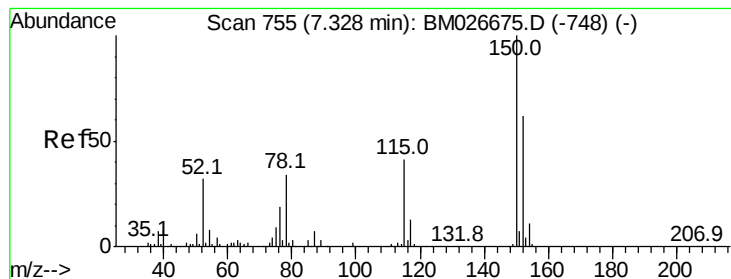
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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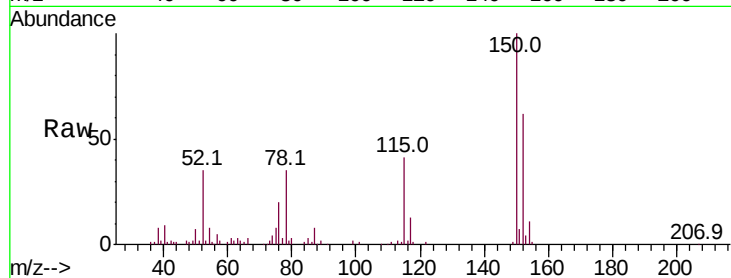


#1

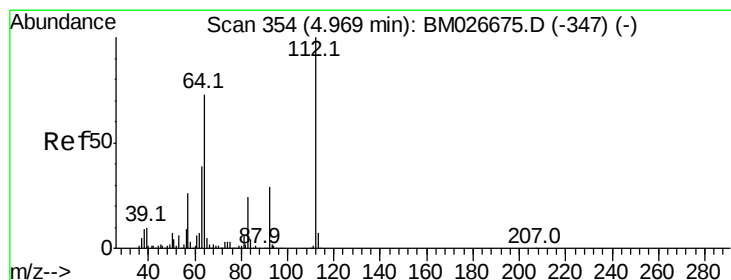
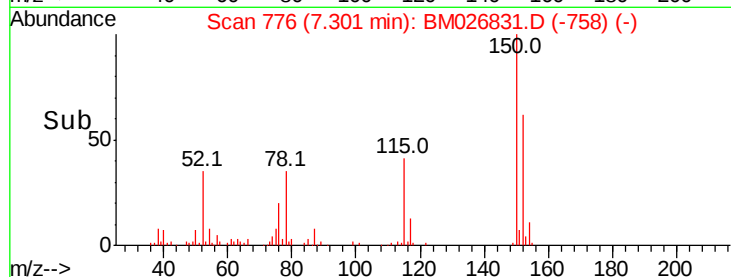
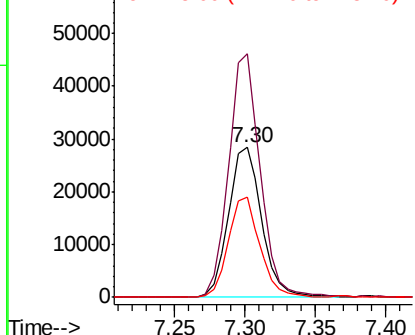
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM026831.D
Acq: 22 Jul 2020 14:22

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tot Ion:152 Resp: 46433
Ion Ratio Lower Upper
152 100
150 162.5 128.1 192.1
115 67.1 52.2 78.4



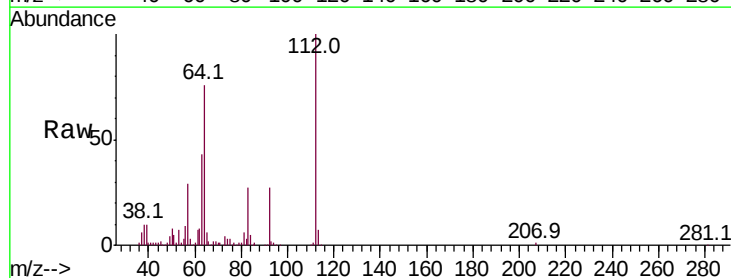
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



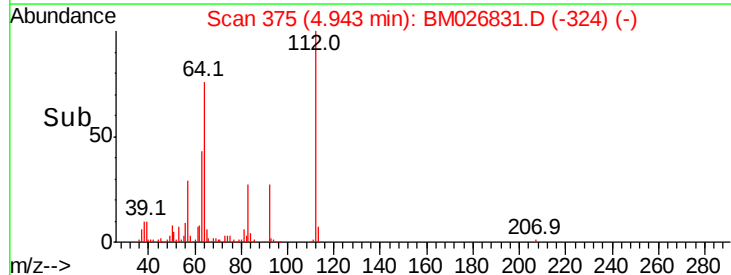
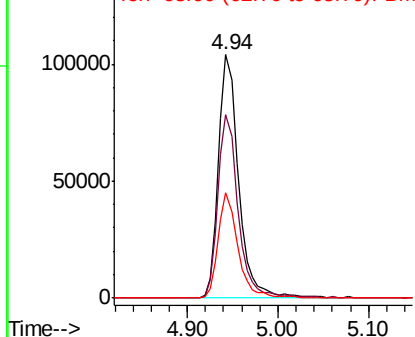
#5

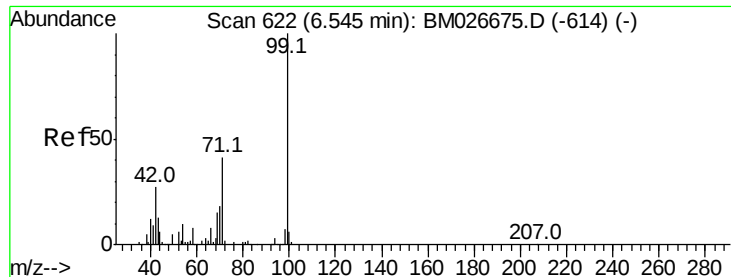
2-Fluorophenol
Concen: 57.716 ng
RT: 4.94 min Scan# 375
Delta R.T. 0.00 min
Lab File: BM026831.D
Acq: 22 Jul 2020 14:22

Tgt Ion:112 Resp: 159890
Ion Ratio Lower Upper
112 100
64 75.5 58.4 87.6
63 43.5 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: 53.769 ng

RT: 6.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM026831.D

Acq: 22 Jul 2020 14:22

Instrument :

BNA_M

ClientSampleId :

CONCRETE-1

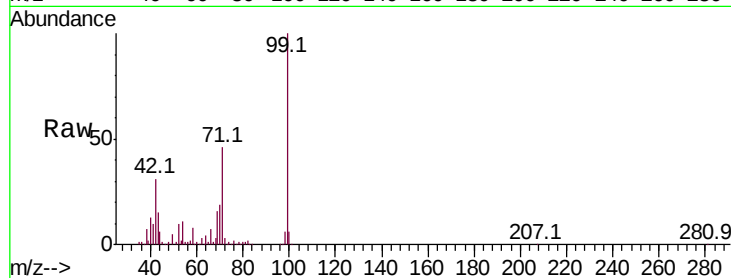
Tot Ion: 99 Resp: 237328

Ion Ratio Lower Upper

99 100

42 31.2 21.7 32.5

71 46.3 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) (-)

6.51

150000

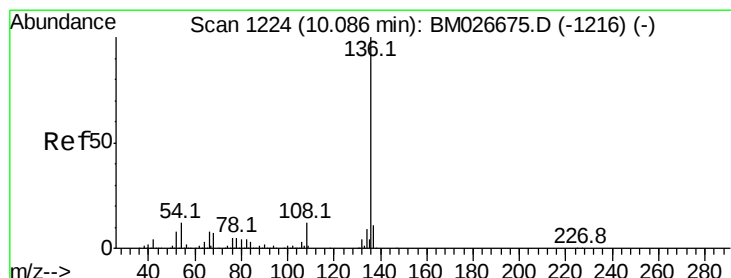
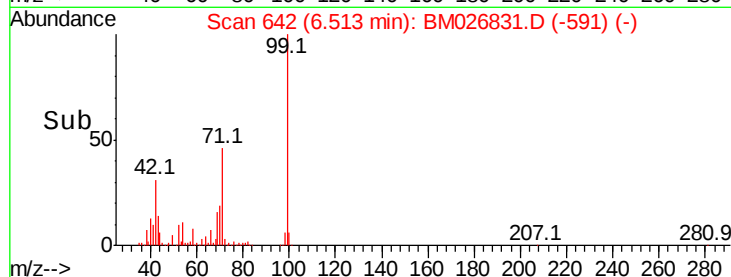
100000

50000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BM026831.D

Acq: 22 Jul 2020 14:22

Tgt Ion: 136 Resp: 181485

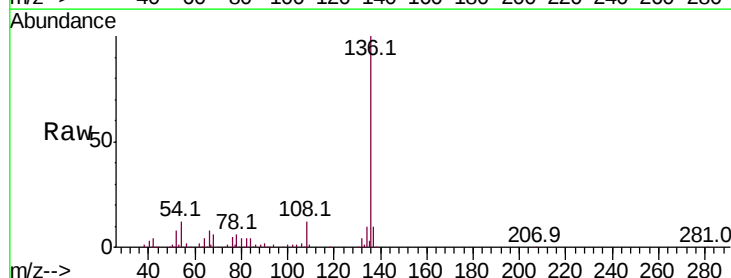
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 12.3 9.8 14.6

68 5.9 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) (-)

10.05

150000

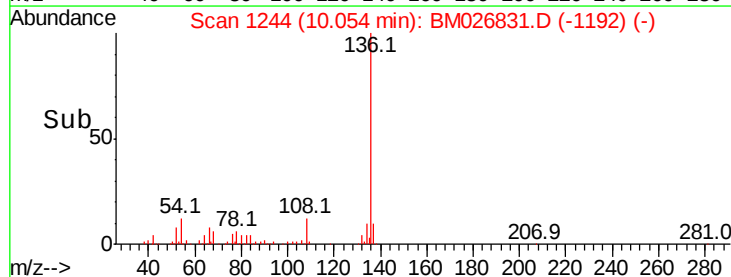
100000

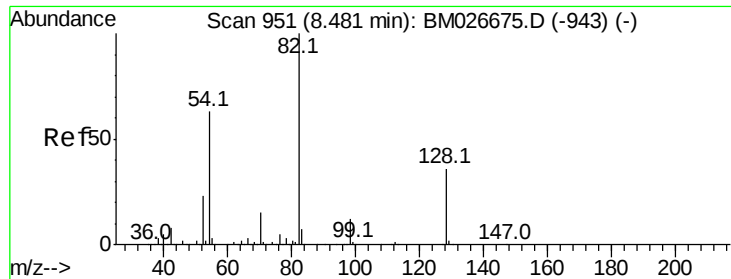
50000

0

10.00 10.10 10.20

Time-->

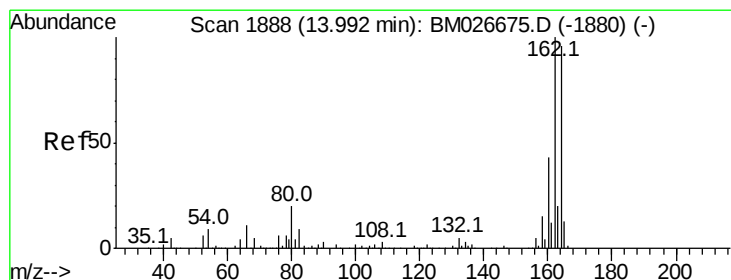
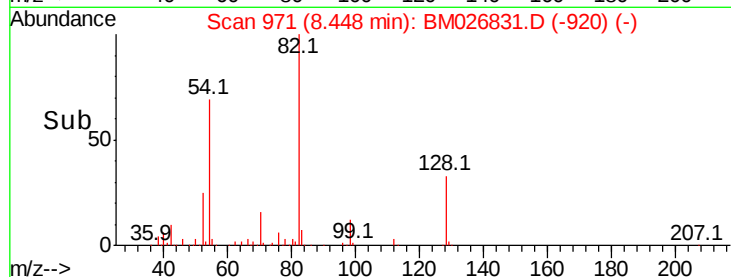
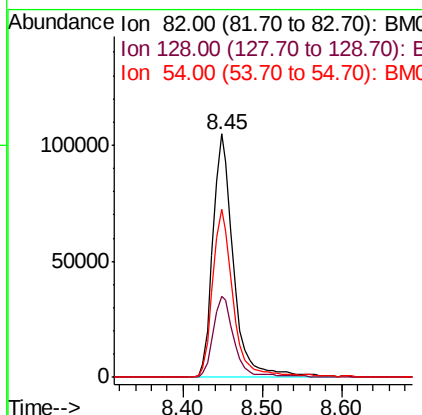
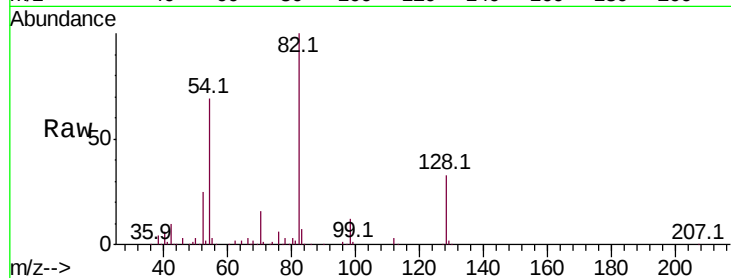




#23
Nitrobenzene-d5
Concen: 44.754 ng
RT: 8.45 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM026831.D
Acq: 22 Jul 2020 14:22

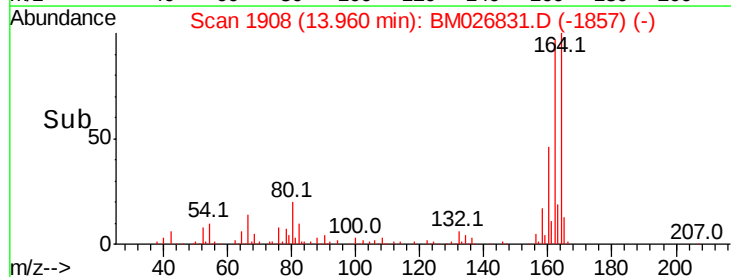
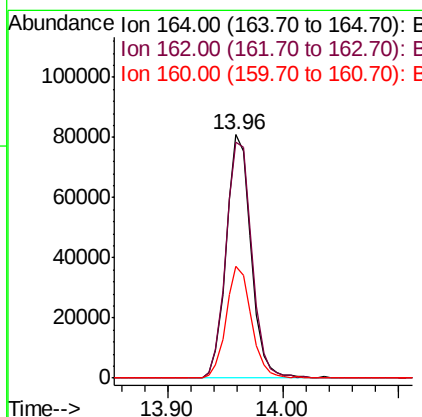
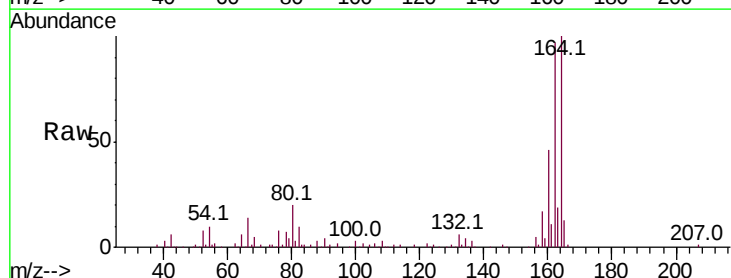
Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

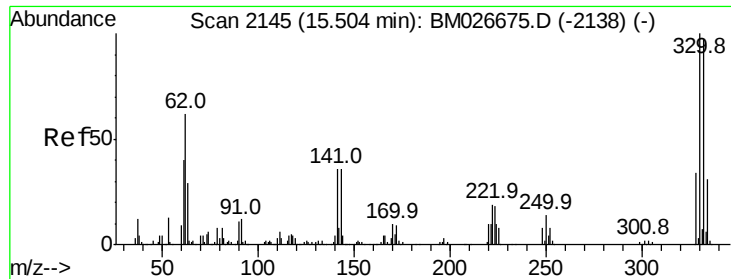
Tot Ion: 82 Resp: 190379
Ion Ratio Lower Upper
82 100
128 33.2 29.1 43.7
54 68.9 50.2 75.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM026831.D
Acq: 22 Jul 2020 14:22

Tgt Ion:164 Resp: 119930
Ion Ratio Lower Upper
164 100
162 96.9 83.7 125.5
160 46.2 36.2 54.2

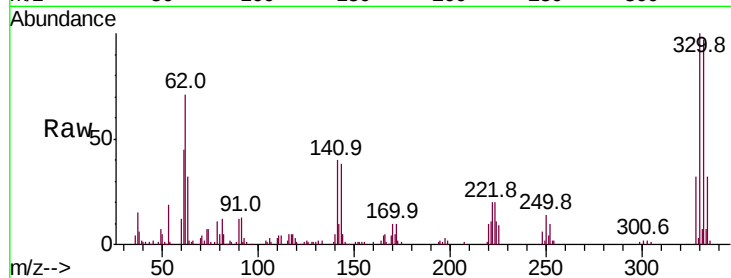




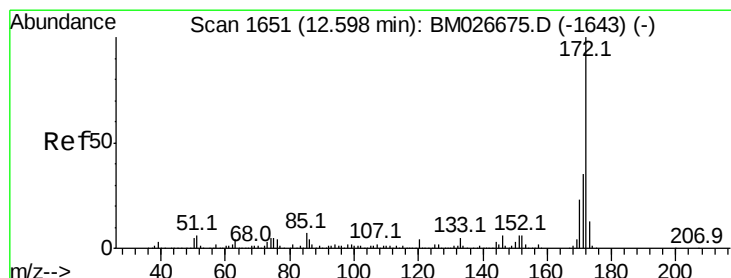
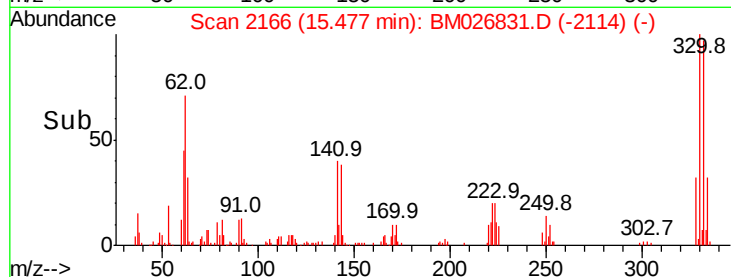
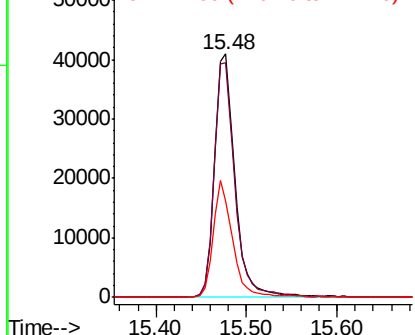
#42
 2,4,6-Tribromophenol
 Concen: 36.710 ng
 RT: 15.48 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BM026831.D
 Acq: 22 Jul 2020 14:22

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Tot Ion:330 Resp: 64132
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.5 116.3
 141 45.4 32.4 48.6

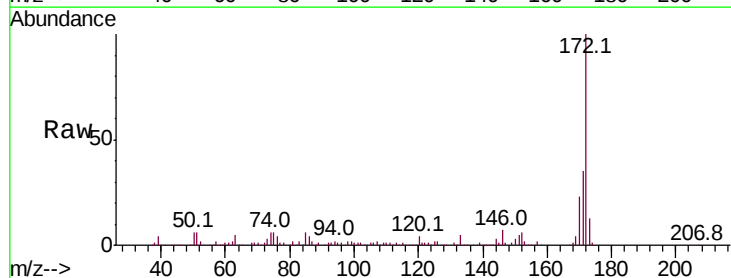


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

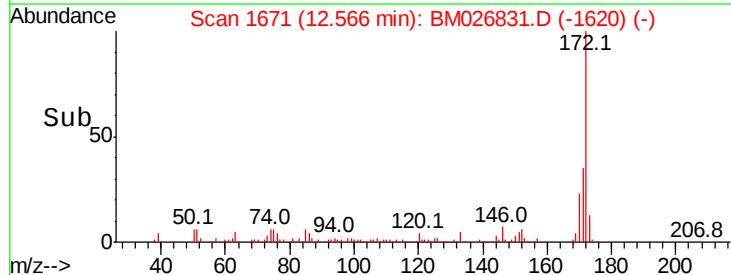
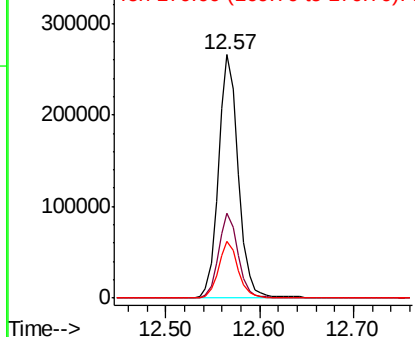


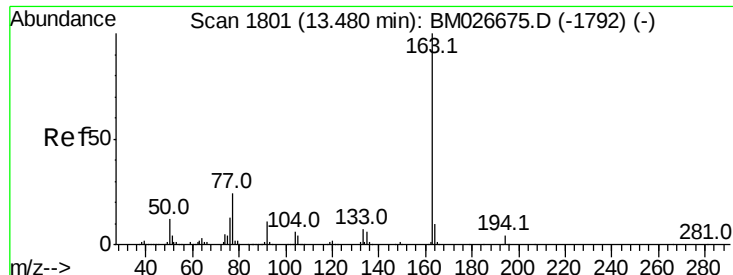
#45
 2-Fluorobiphenyl
 Concen: 43.484 ng
 RT: 12.57 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BM026831.D
 Acq: 22 Jul 2020 14:22

Tgt Ion:172 Resp: 392220
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 23.1 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: 3.345 ng

RT: 13.45 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BM026831.D

Acq: 22 Jul 2020 14:22

Instrument :

BNA_M

ClientSampleId :

CONCRETE-1

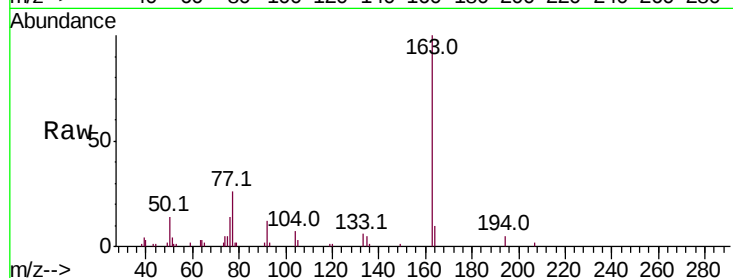
Tot Ion:163 Resp: 34311

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

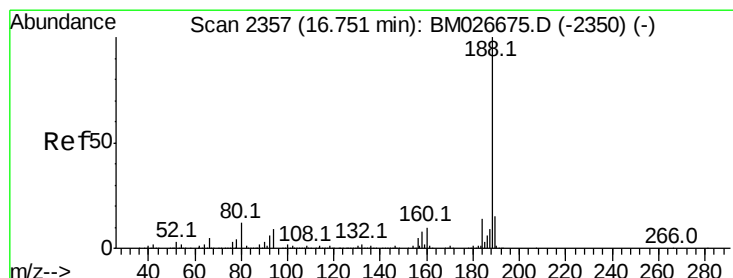
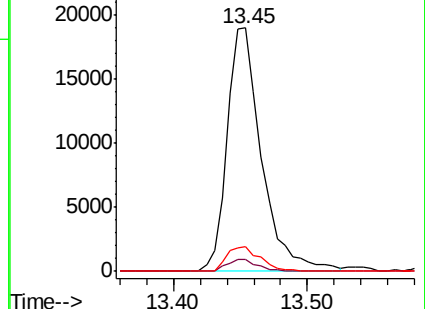
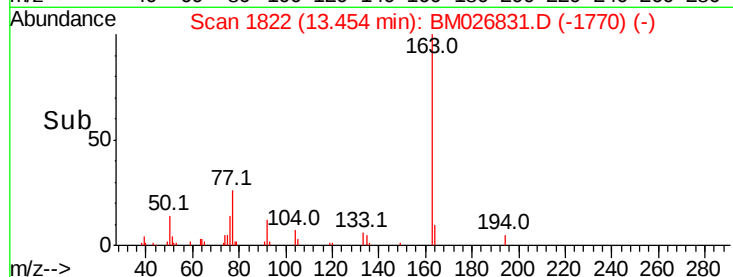
164 10.1 7.8 11.6



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# 2378

Delta R.T. 0.00 min

Lab File: BM026831.D

Acq: 22 Jul 2020 14:22

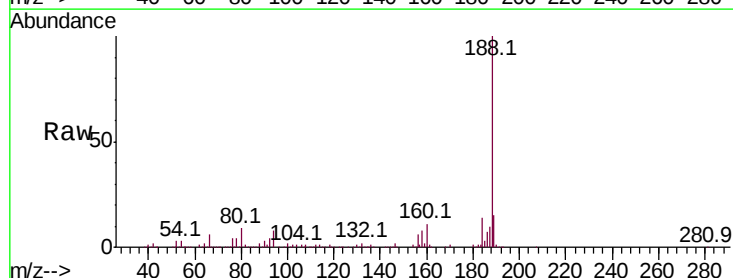
Tgt Ion:188 Resp: 285233

Ion Ratio Lower Upper

188 100

94 7.6 7.4 11.0

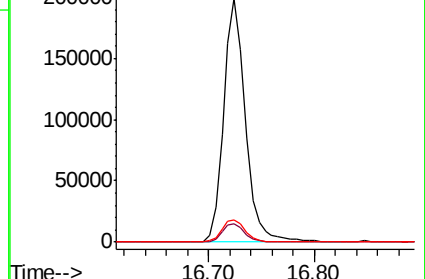
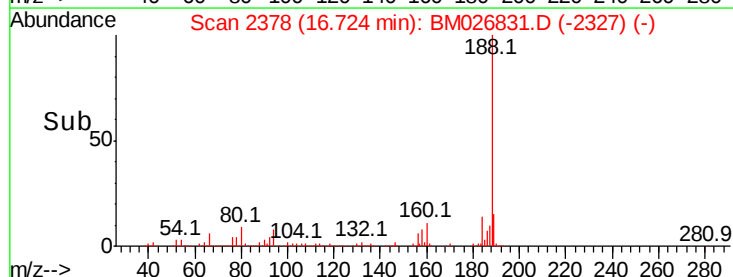
80 9.1 9.3 13.9#

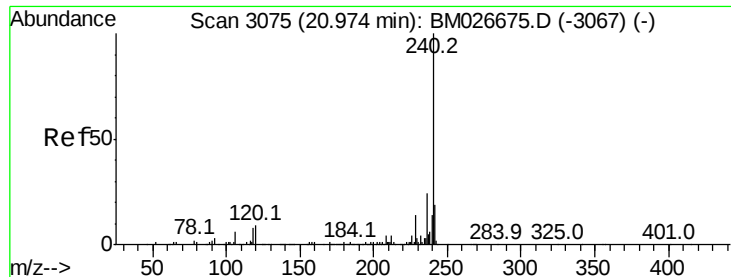


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

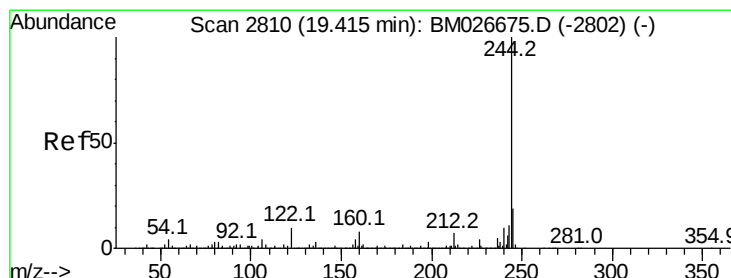
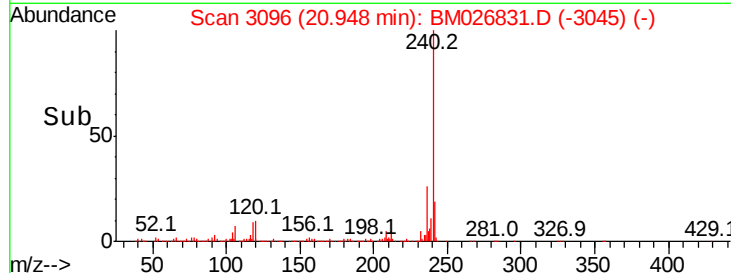
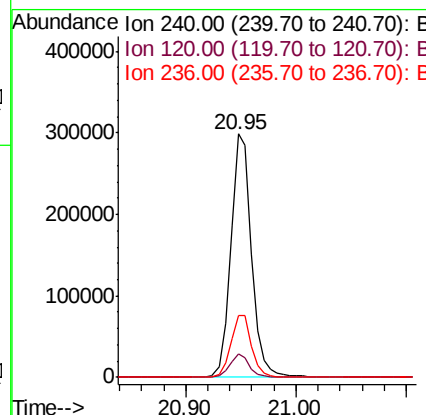
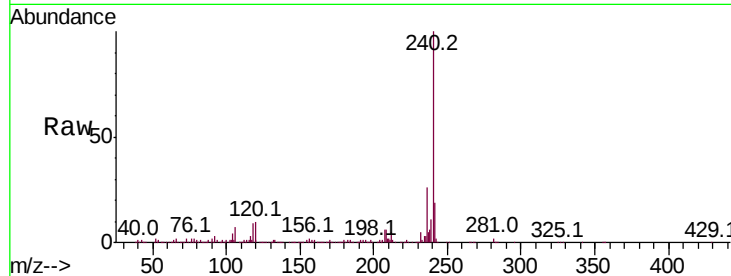




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.95 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BM026831.D
 Acq: 22 Jul 2020 14:22

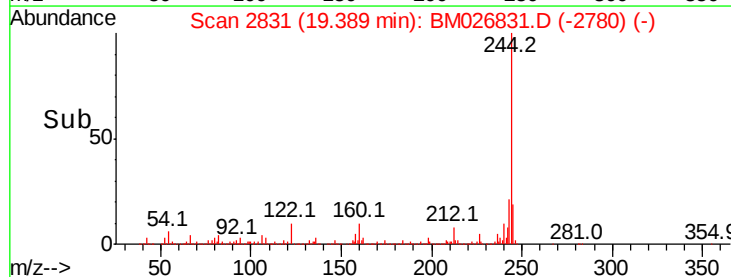
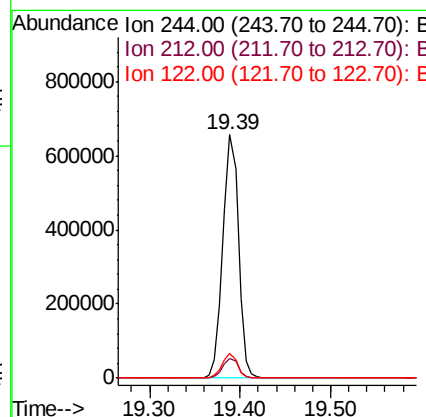
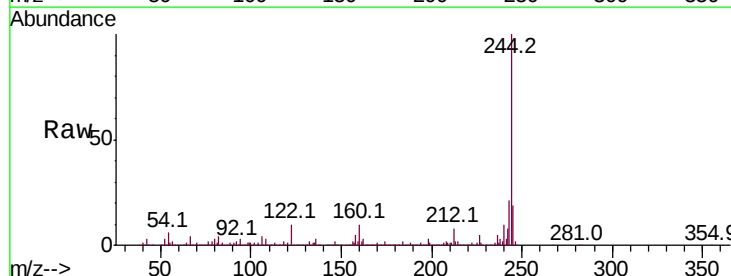
Instrument :
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 CONCRETE-1

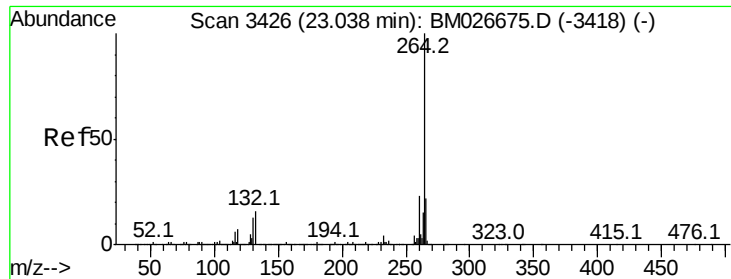
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	25.7	19.4	29.2



#79
 Terphenyl-d14
 Concen: 39.495 ng
 RT: 19.39 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BM026831.D
 Acq: 22 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	10.1	8.2	12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM026831.D
Acq: 22 Jul 2020 14:22

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	17.6	26.4

