

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026732.D
 Acq On : 10 Jul 2020 13:57
 Operator : JU/CG
 Sample : L3186-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820

Quant Time: Jul 10 14:50:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

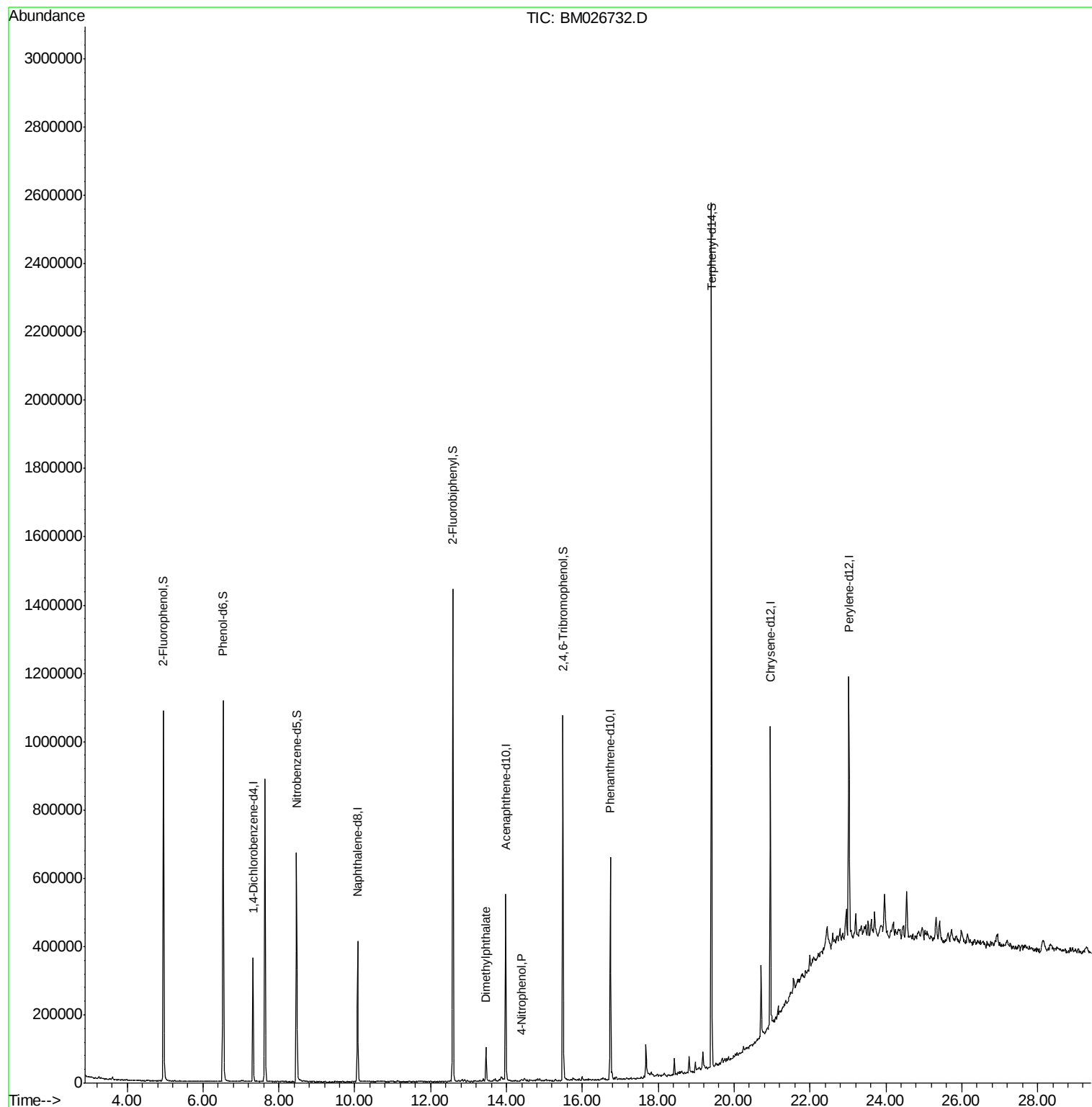
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	80583	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	281554	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	157596	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	326864	20.00	ng	0.00
76) Chrysene-d12	20.96	240	390543	20.00	ng	0.00
86) Perylene-d12	23.03	264	446521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	368274	76.60	ng	0.00
7) Phenol-d6	6.53	99	490605	64.05	ng	0.00
23) Nitrobenzene-d5	8.47	82	338492	51.29	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	154301	67.21	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	624122	52.66	ng	0.00
79) Terphenyl-d14	19.40	244	1032827	52.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.46	163	56159	4.166	ng	98
56) 4-Nitrophenol	14.39	139	164	3.972	ng	# 1

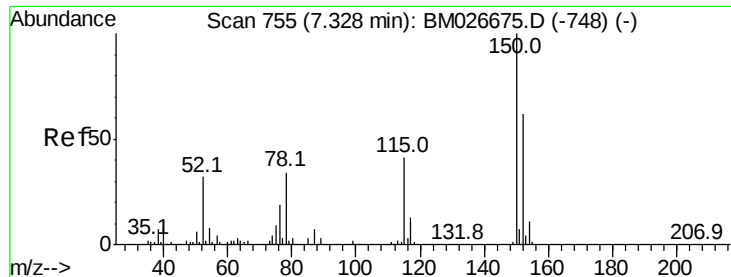
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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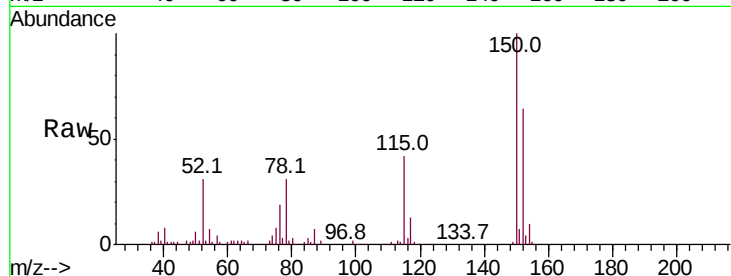


#1

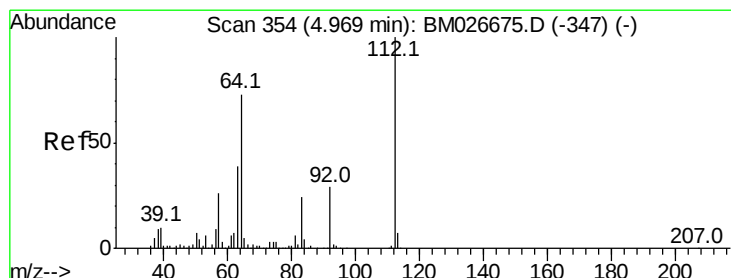
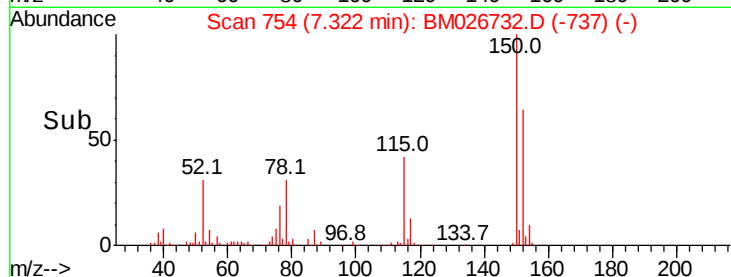
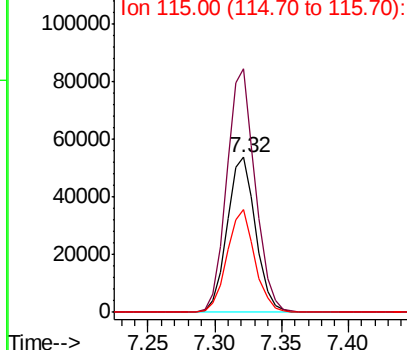
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026732.D
Acq: 10 Jul 2020 13:57

Instrument :
BNA_M
ClientSampleId :
OR-02-070820

Tot Ion:152 Resp: 80583
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 66.3 52.2 78.4



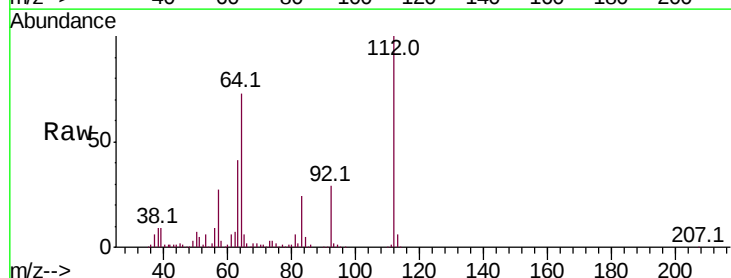
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



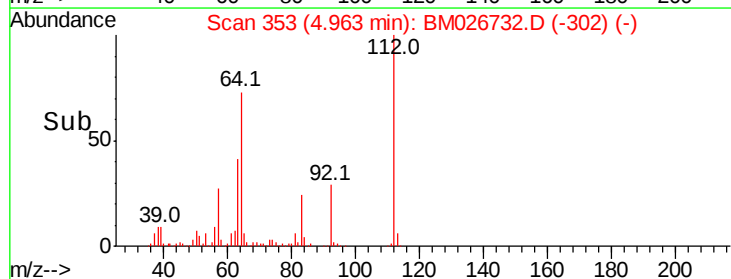
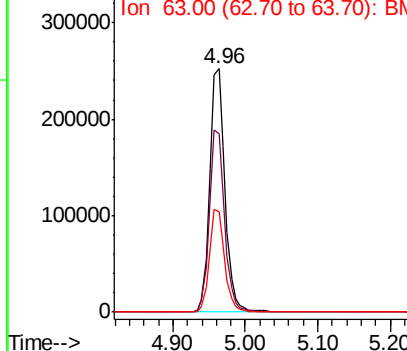
#5

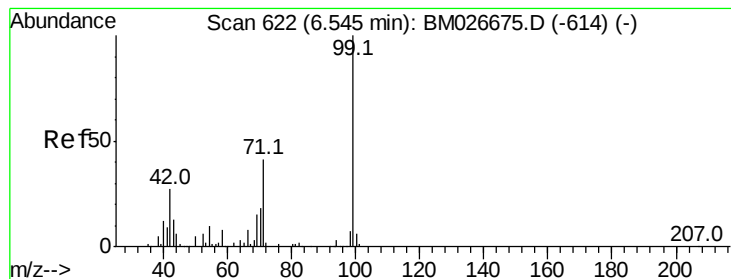
2-Fluorophenol
Concen: 76.599 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026732.D
Acq: 10 Jul 2020 13:57

Tgt Ion:112 Resp: 368274
Ion Ratio Lower Upper
112 100
64 73.2 58.4 87.6
63 41.0 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: 64.047 ng

RT: 6.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

Instrument :

BNA_M

ClientSampleId :

OR-02-070820

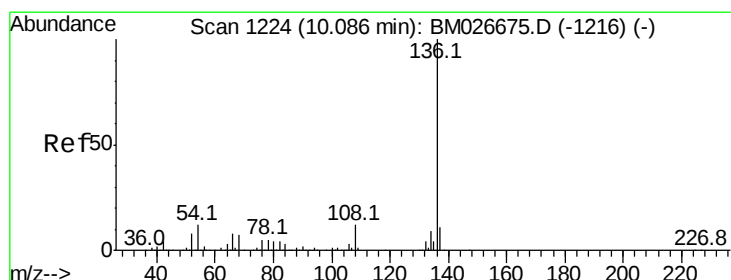
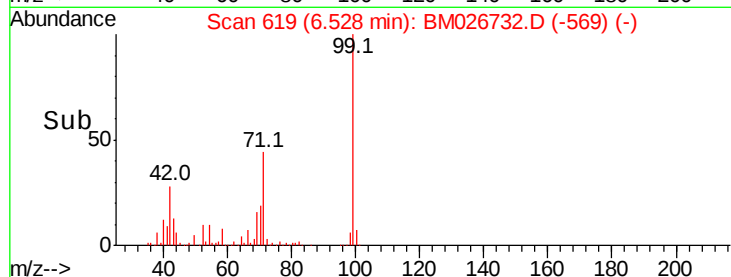
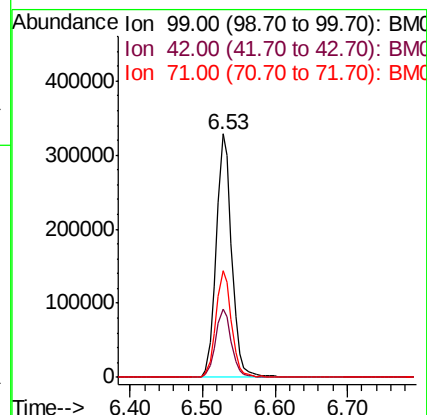
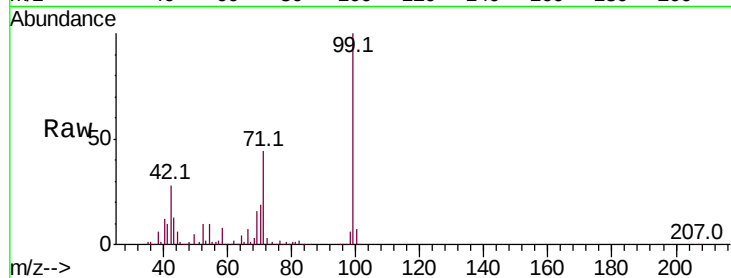
Tot Ion: 99 Resp: 490605

Ion Ratio Lower Upper

99 100

42 28.0 21.7 32.5

71 43.7 33.2 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

Tgt Ion: 136 Resp: 281554

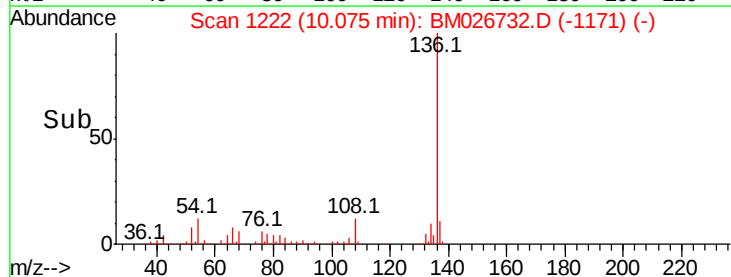
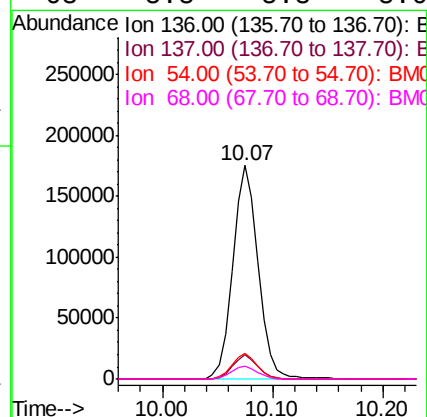
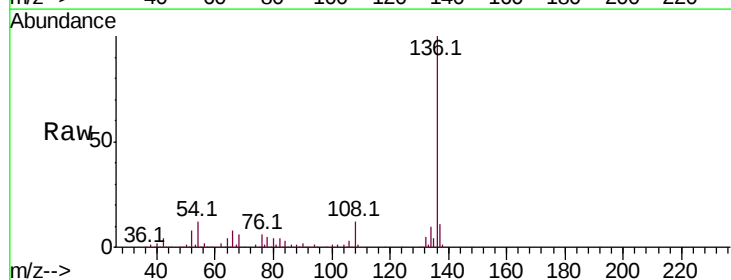
Ion Ratio Lower Upper

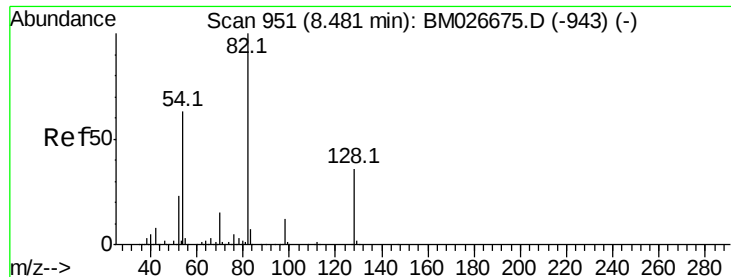
136 100

137 11.3 8.6 12.8

54 12.1 9.8 14.6

68 5.8 5.8 8.6





#23

Nitrobenzene-d5

Concen: 51.291 ng

RT: 8.47 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

Instrument :

BNA_M

ClientSampleId :

OR-02-070820

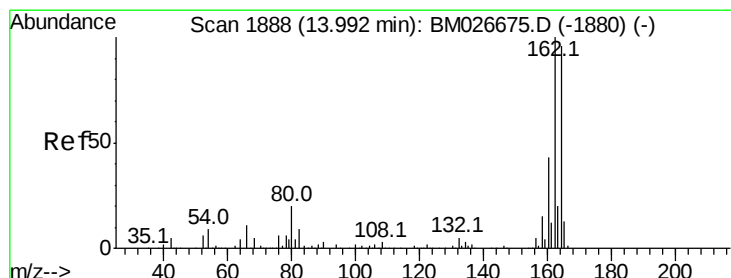
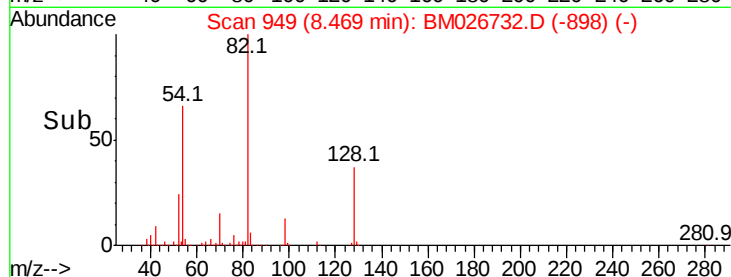
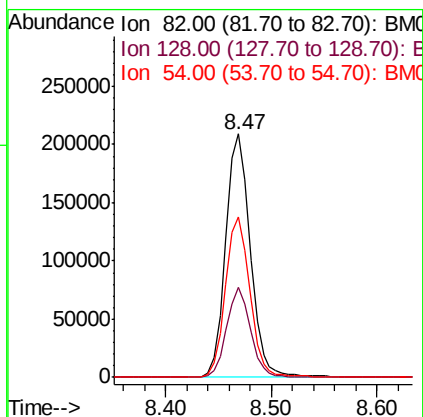
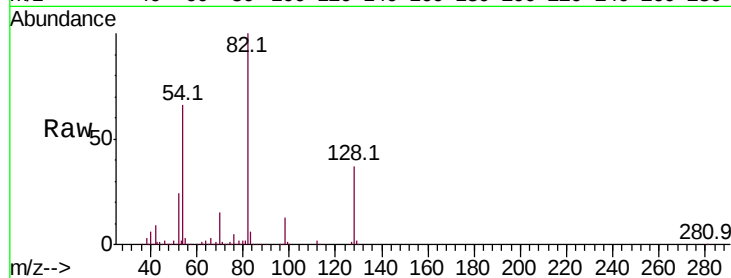
Tot Ion: 82 Resp: 338492

Ion Ratio Lower Upper

82 100

128 37.1 29.1 43.7

54 66.0 50.2 75.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

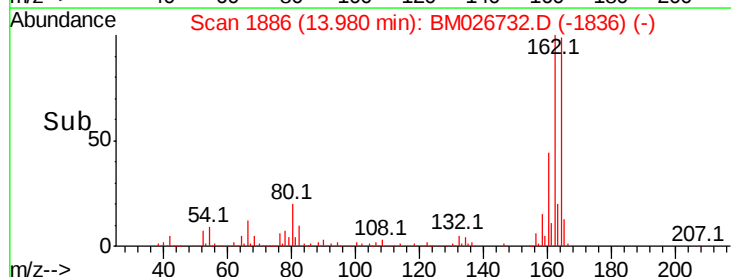
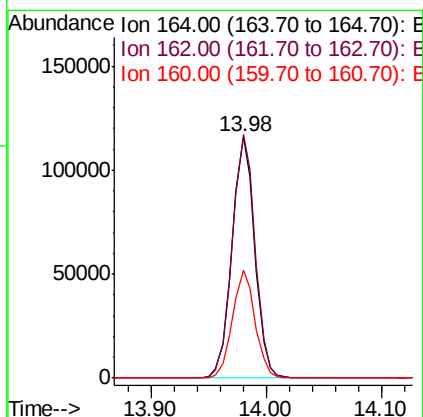
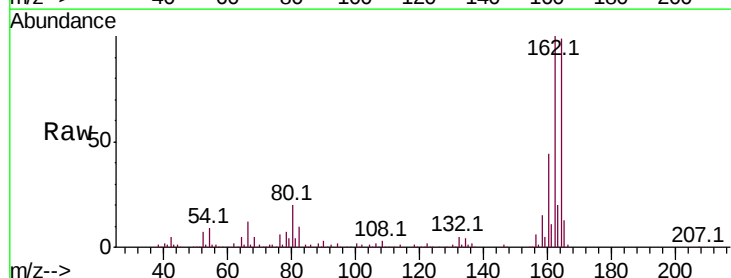
Tgt Ion: 164 Resp: 157596

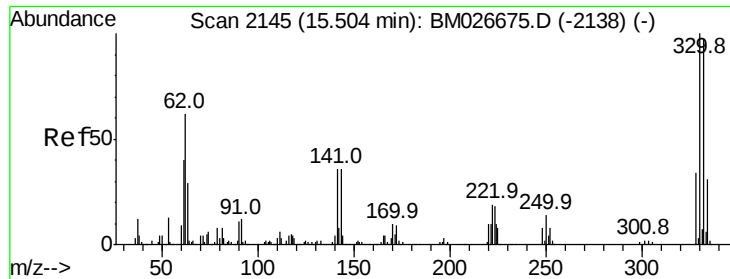
Ion Ratio Lower Upper

164 100

162 100.9 83.7 125.5

160 44.7 36.2 54.2

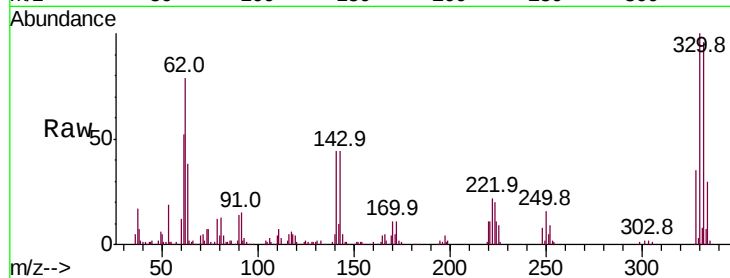




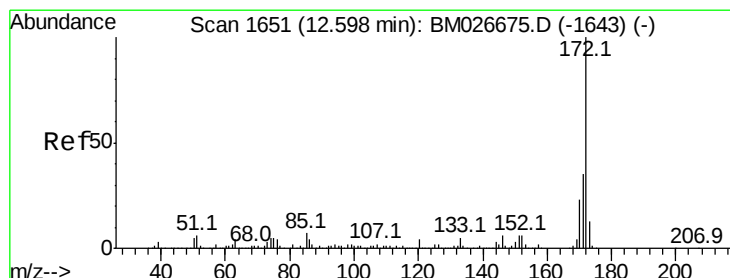
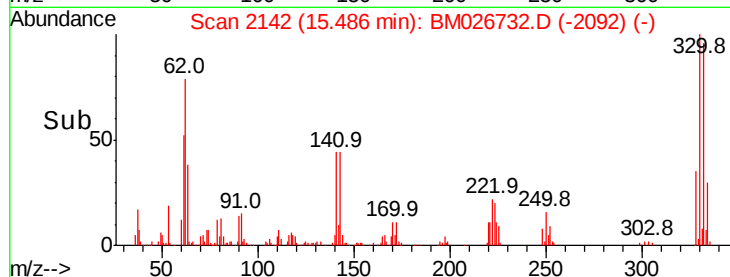
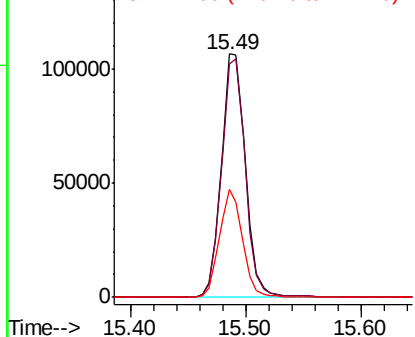
#42
 2,4,6-Tribromophenol
 Concen: 67.213 ng
 RT: 15.49 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820

Tot Ion:330 Resp: 154301
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.5 116.3
 141 42.6 32.4 48.6

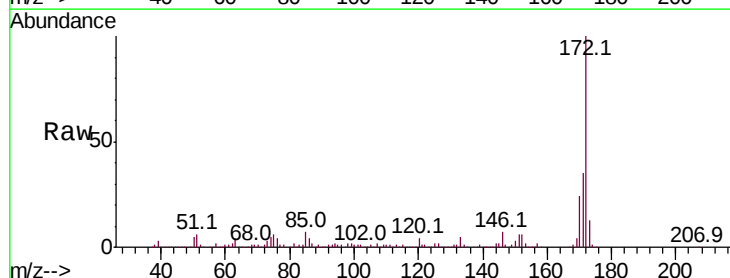


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

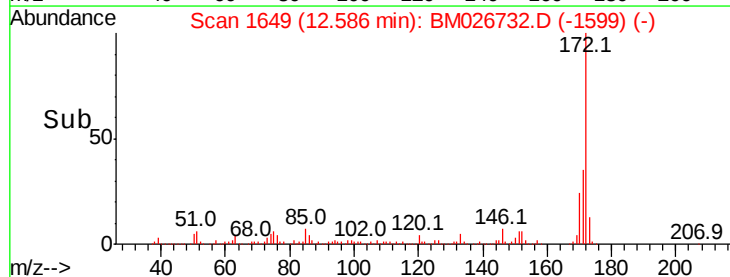
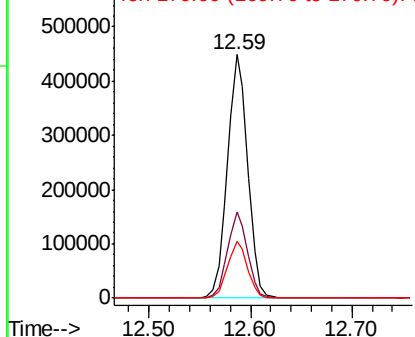


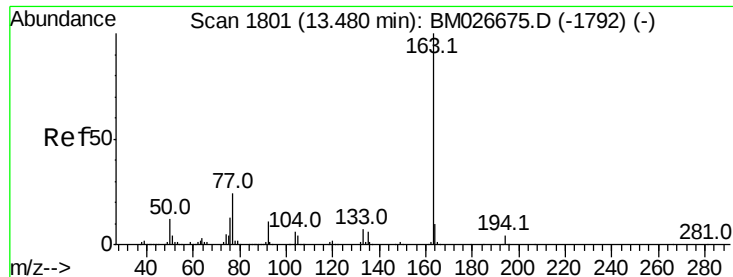
#45
 2-Fluorobiphenyl
 Concen: 52.657 ng
 RT: 12.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

Tgt Ion:172 Resp: 624122
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 23.5 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

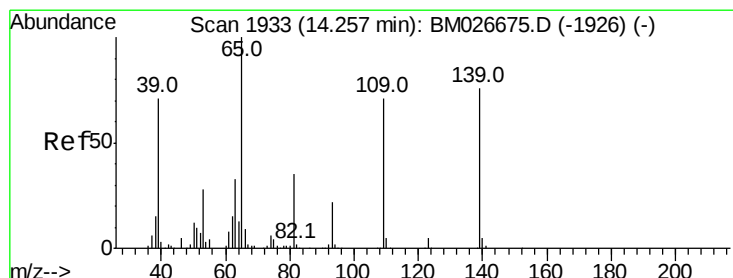
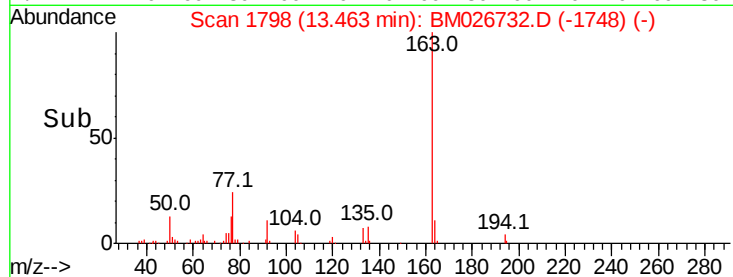
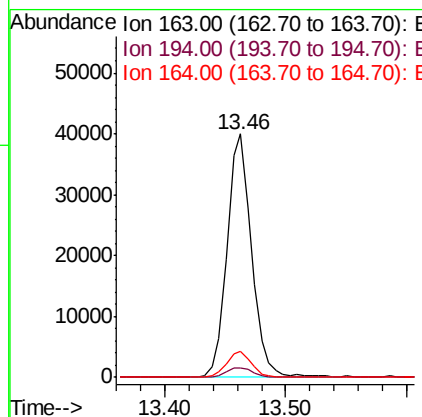
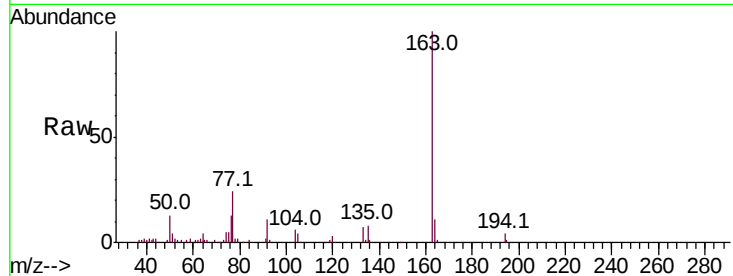




#50
 Dimethylphthalate
 Concen: 4.166 ng
 RT: 13.46 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

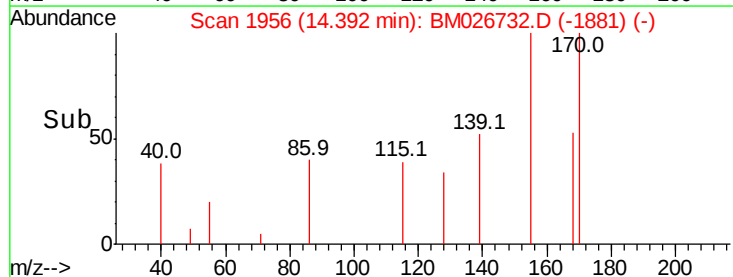
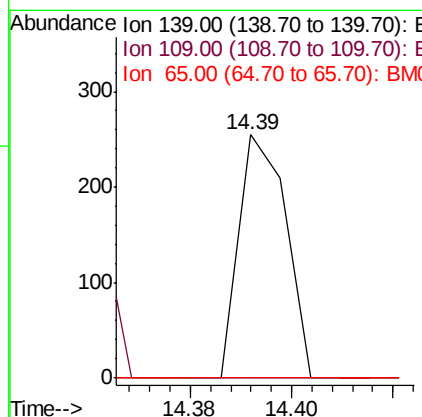
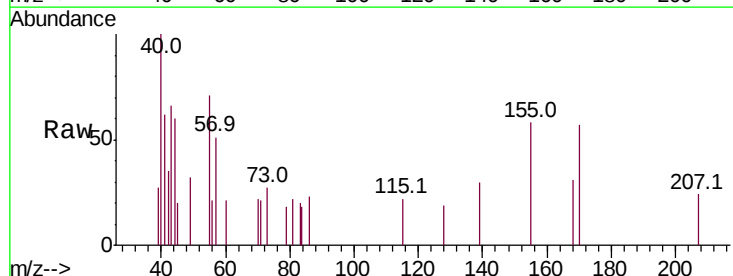
Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820

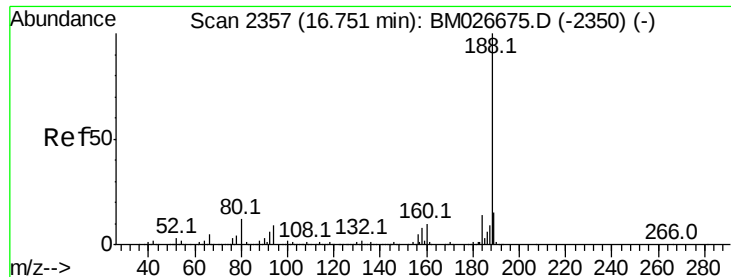
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	10.7	7.8	11.6



#56
 4-Nitrophenol
 Concen: 3.972 ng
 RT: 14.39 min Scan# 1956
 Delta R.T. 0.14 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	73.7	113.7#
65	0.0	111.5	151.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

Instrument :

BNA_M

ClientSampleId :

OR-02-070820

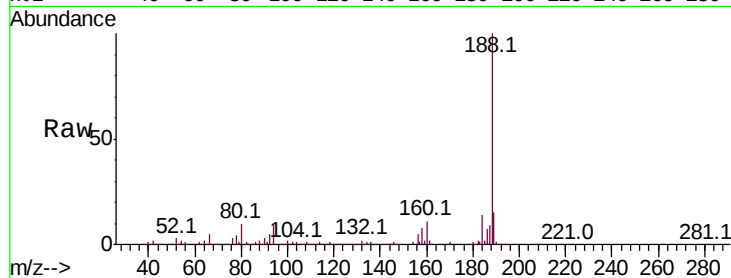
Tot Ion:188 Resp: 326864

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.0

80 10.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

16.74

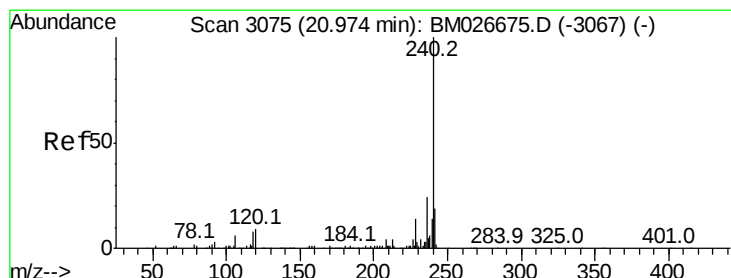
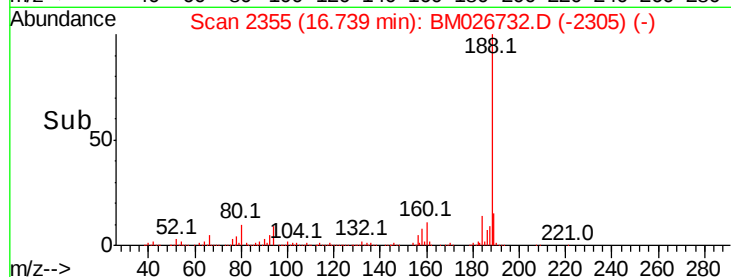
300000

200000

100000

0

Time--> 16.65 16.70 16.75 16.80



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM026732.D

Acq: 10 Jul 2020 13:57

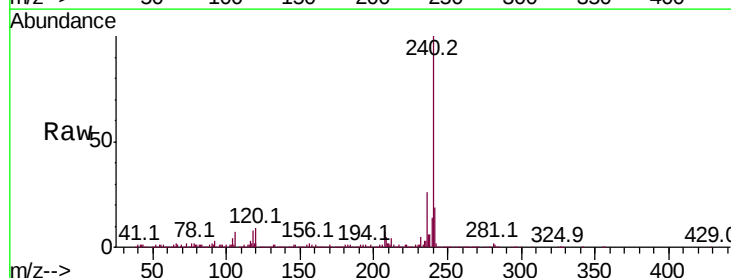
Tgt Ion:240 Resp: 390543

Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.9 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

20.96

400000

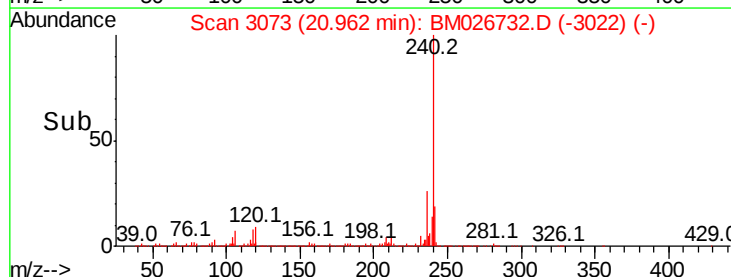
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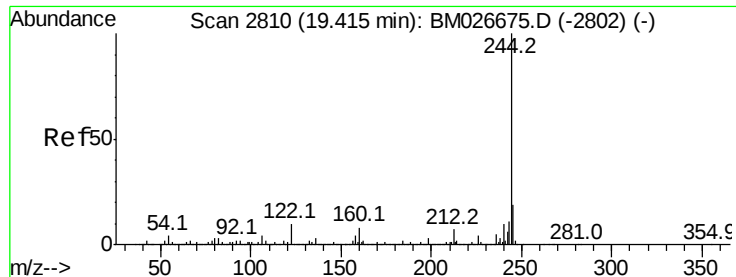
200000

100000

0

Time--> 20.90 21.00



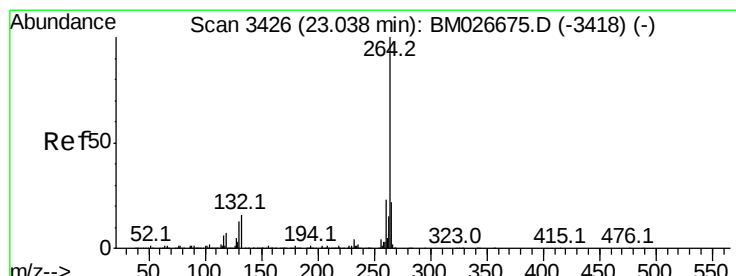
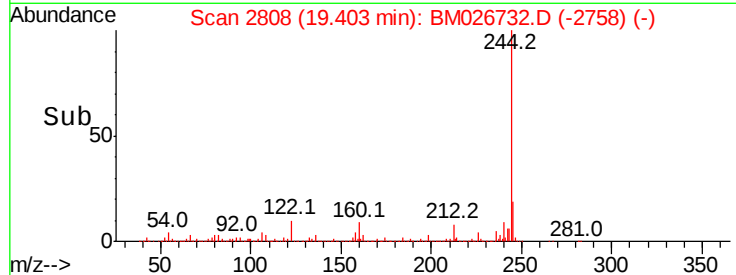
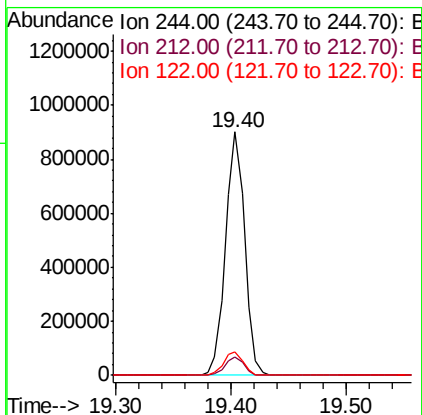
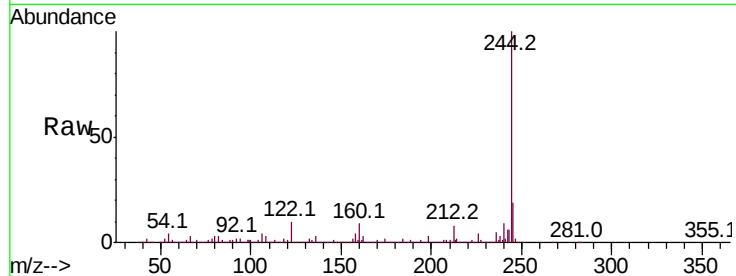


#79
 Terphenyl-d14
 Concen: 52.046 ng
 RT: 19.40 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820

Tot Ion:244 Resp: 1032827

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.7	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BM026732.D
 Acq: 10 Jul 2020 13:57

Tgt Ion:264 Resp: 446521

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.5	17.6	26.4

