

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026740.D
 Acq On : 10 Jul 2020 18:51
 Operator : JU/CG
 Sample : L3203-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-16

Quant Time: Jul 11 03:01:29 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	96489	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	349577	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	186681	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	363058	20.00	ng	0.00
76) Chrysene-d12	20.96	240	373954	20.00	ng	0.00
86) Perylene-d12	23.03	264	400628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	700108	121.61	ng	0.00
7) Phenol-d6	6.53	99	783031	85.37	ng	0.00
23) Nitrobenzene-d5	8.47	82	805076	98.25	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	345737	127.14	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1478759	105.32	ng	0.00
79) Terphenyl-d14	19.41	244	2167789	114.08	ng	0.00

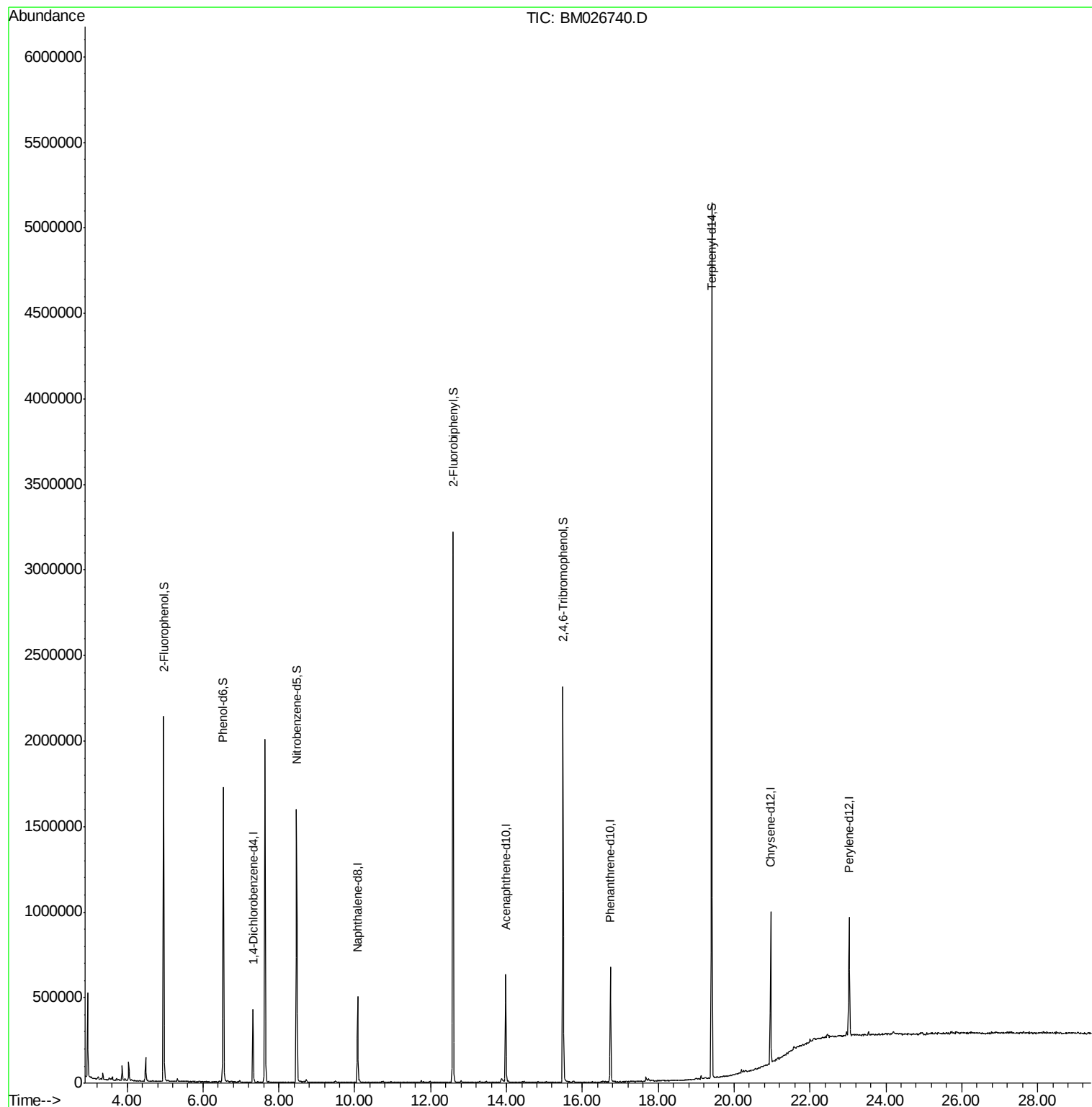
Target Compounds Qvalue

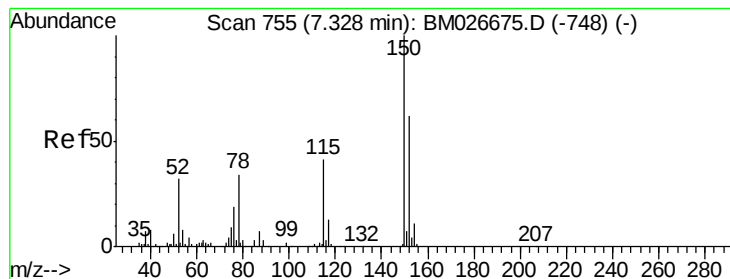
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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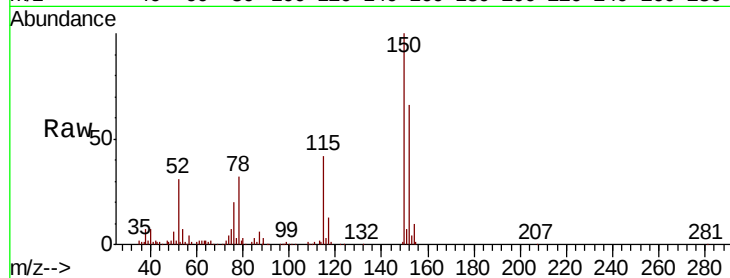


#1

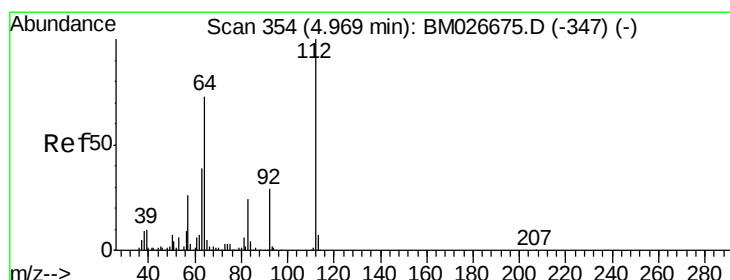
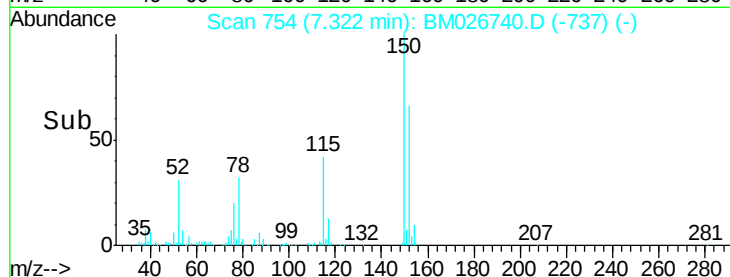
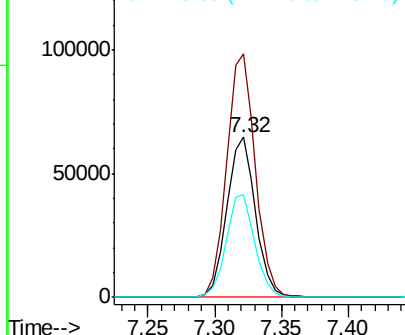
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026740.D
Acq: 10 Jul 2020 18:51

Instrument :
BNA_M
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	128.1	192.1
115	63.9	52.2	78.4



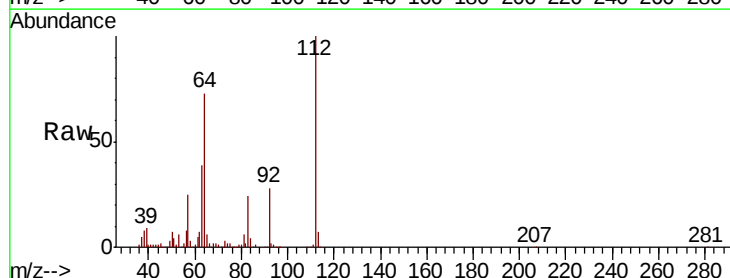
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



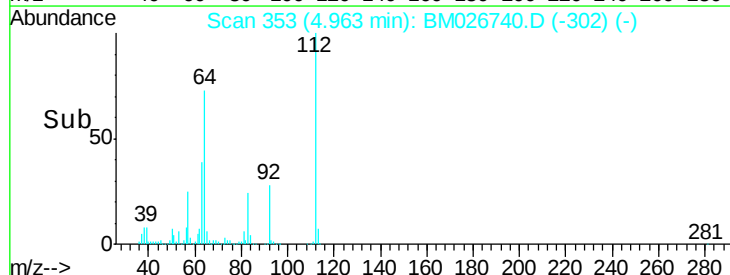
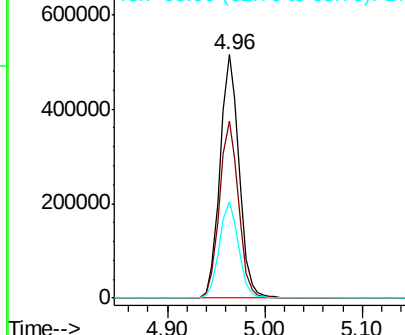
#5

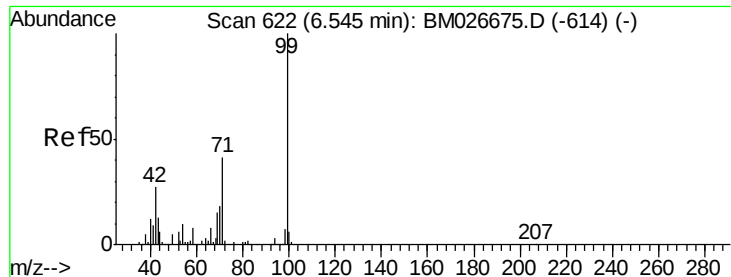
2-Fluorophenol
Concen: 121.614 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026740.D
Acq: 10 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	58.4	87.6
63	39.4	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: 85.372 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA_M

ClientSampleId :

RO-16

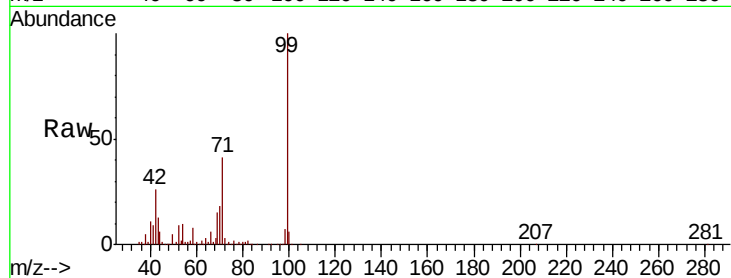
Tot Ion: 99 Resp: 783031

Ion Ratio Lower Upper

99 100

42 25.7 21.7 32.5

71 41.1 33.2 49.8

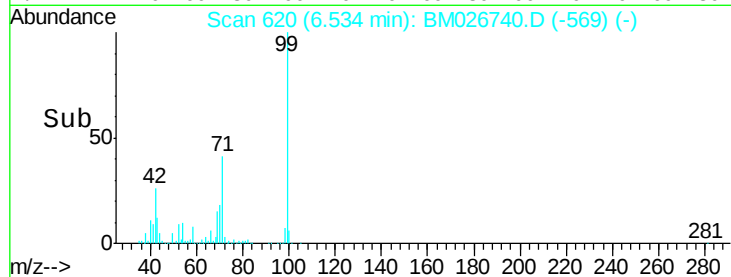


Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

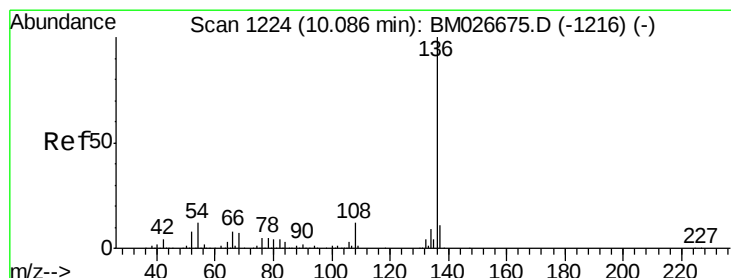
Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

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

6.53



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Tgt Ion: 136 Resp: 349577

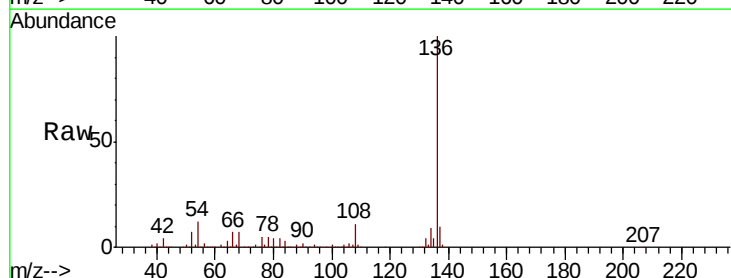
Ion Ratio Lower Upper

136 100

137 10.0 8.6 12.8

54 11.9 9.8 14.6

68 7.0 5.8 8.6



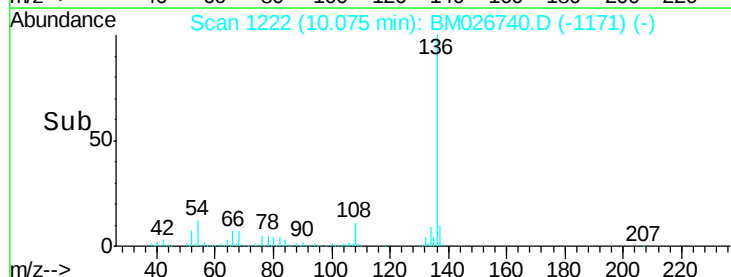
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

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

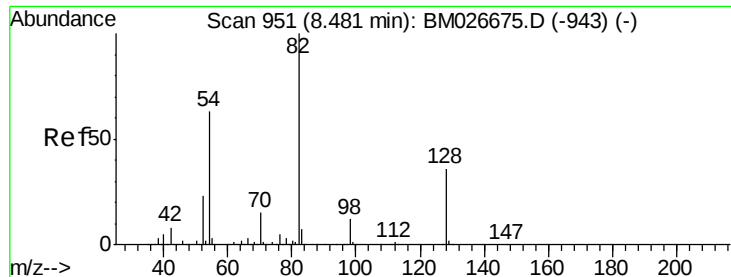
Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

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

10.07



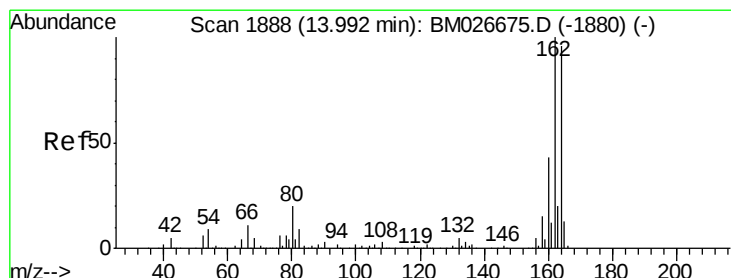
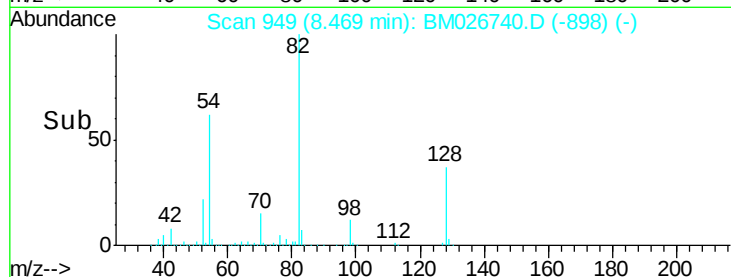
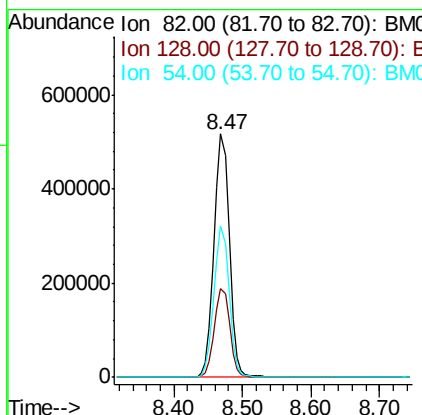
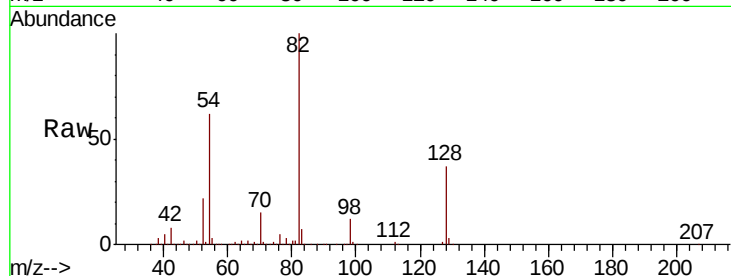
Time-->



#23
 Nitrobenzene-d5
 Concen: 98.253 ng
 RT: 8.47 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BM026740.D
 Acq: 10 Jul 2020 18:51

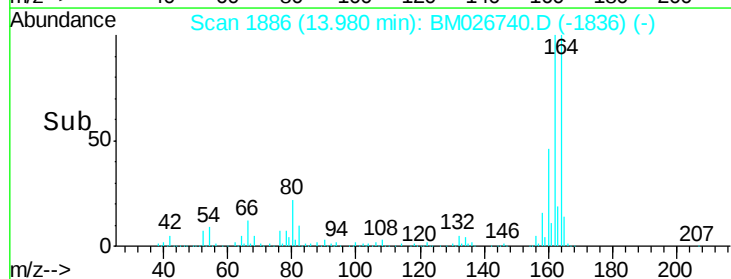
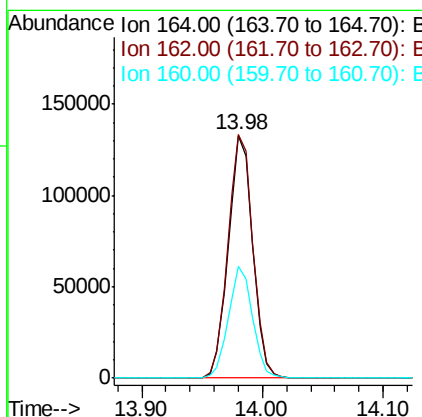
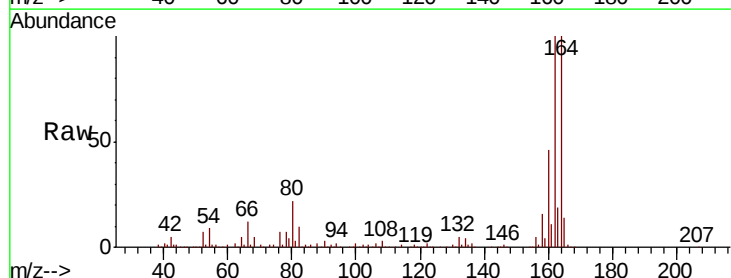
Instrument :
 BNA_M
 ClientSampleId :
 RO-16

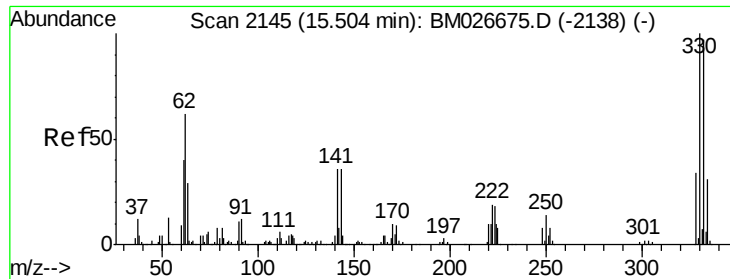
Tot Ion	82	Resp	805076
Ion Ratio	100	Lower	Upper
128	36.6	29.1	43.7
54	62.1	50.2	75.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BM026740.D
 Acq: 10 Jul 2020 18:51

Tgt Ion	164	Resp	186681
Ion Ratio	100	Lower	Upper
162	100.4	83.7	125.5
160	45.9	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 127.139 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA_M

ClientSampleId :

RO-16

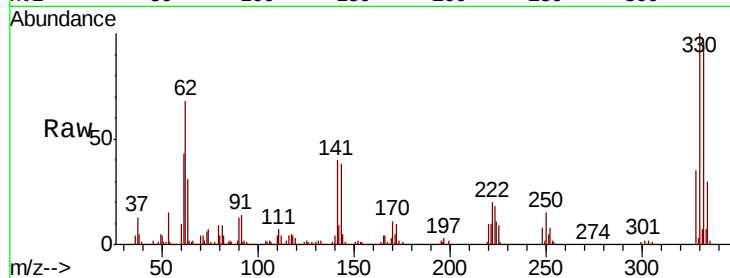
Tot Ion:330 Resp: 345737

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

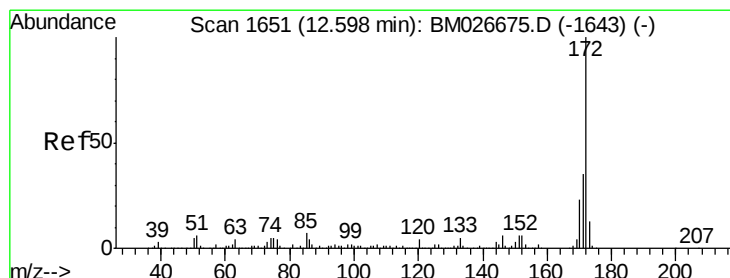
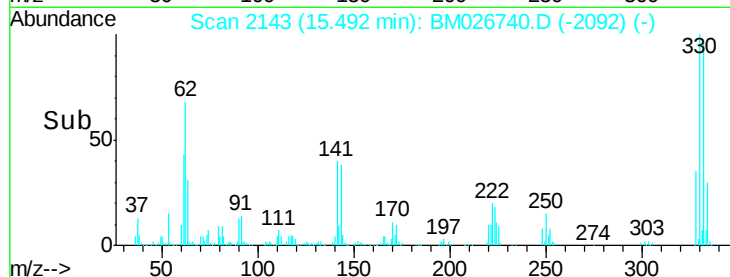
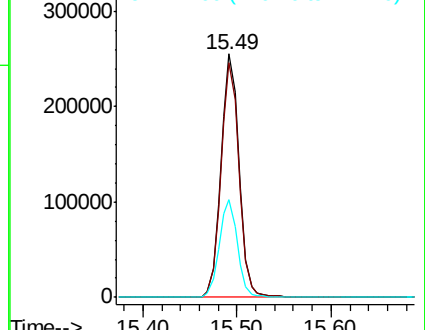
141 40.3 32.4 48.6



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: 105.324 ng

RT: 12.59 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

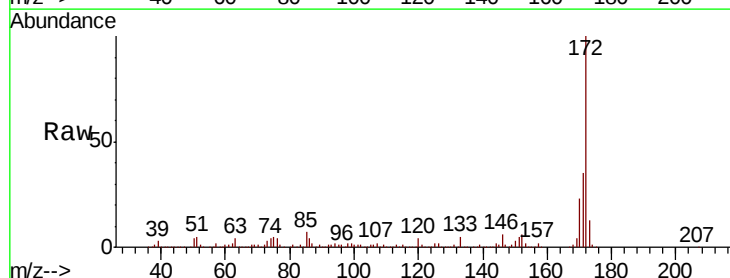
Tgt Ion:172 Resp: 1478759

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

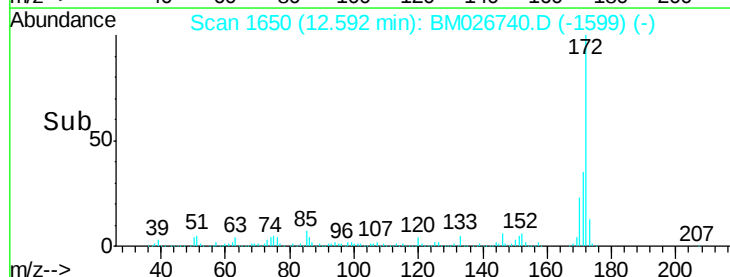
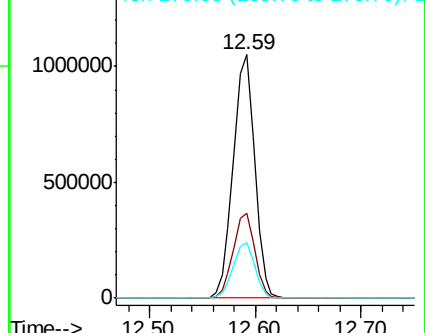
170 22.7 18.5 27.7

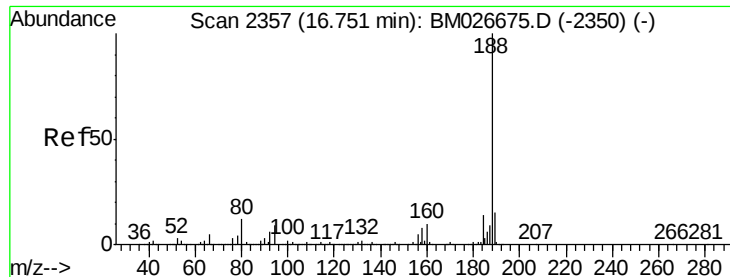


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

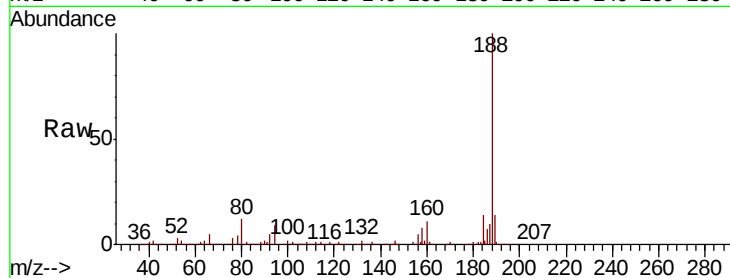




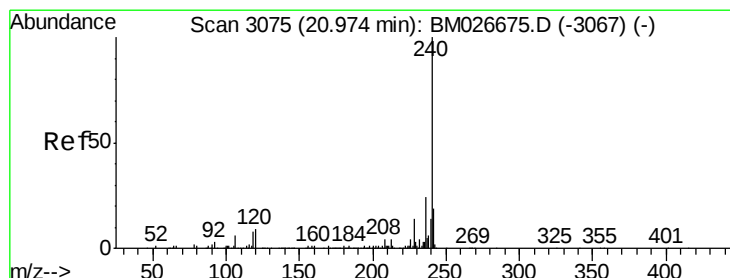
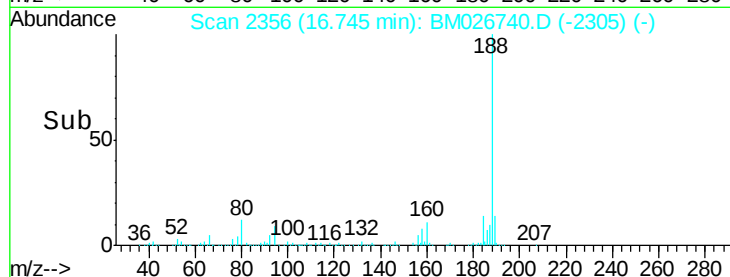
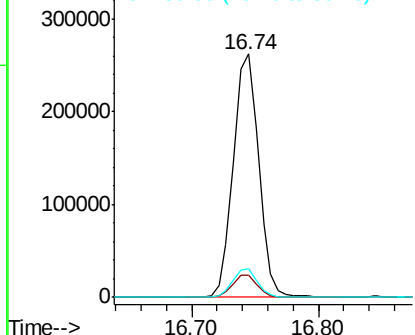
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BM026740.D
Acq: 10 Jul 2020 18:51

Instrument :
BNA_M
ClientSampleId :
RO-16

Tot Ion:188 Resp: 363058
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 11.6 9.3 13.9

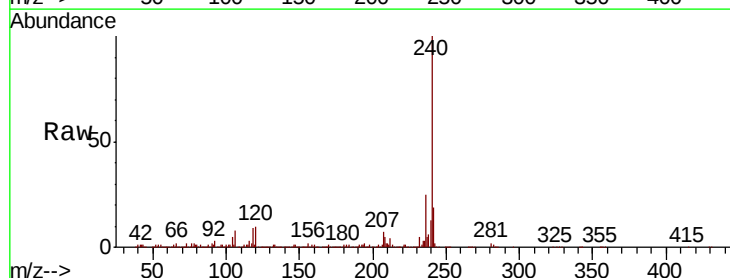


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

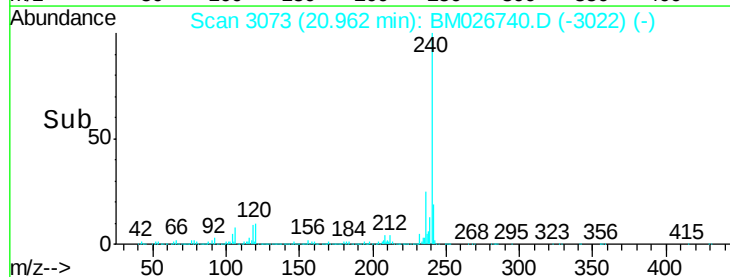
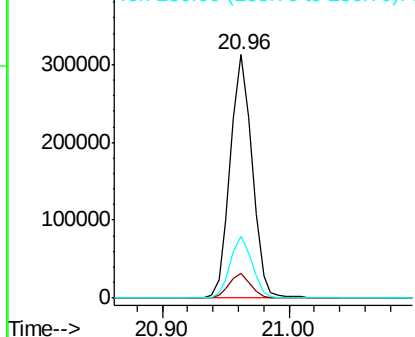


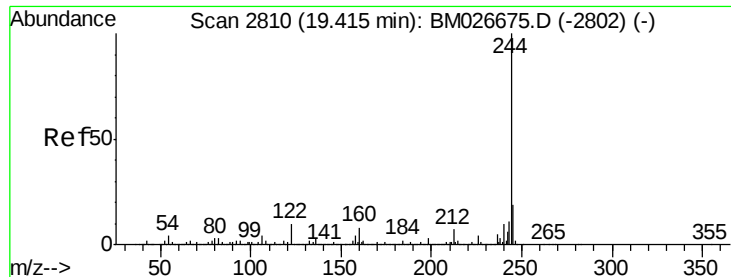
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM026740.D
Acq: 10 Jul 2020 18:51

Tgt Ion:240 Resp: 373954
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.4 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





#79

Terphenyl-d14

Concen: 114.085 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA_M

ClientSampleId :

RO-16

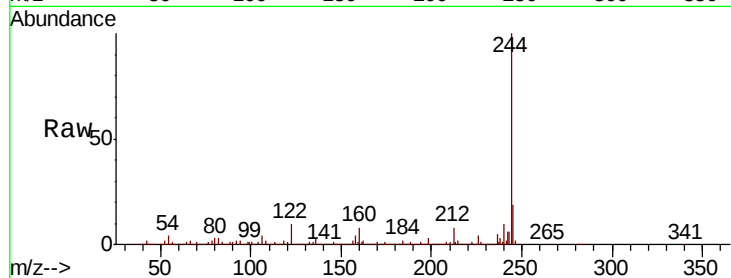
Tot Ion:244 Resp: 2167789

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

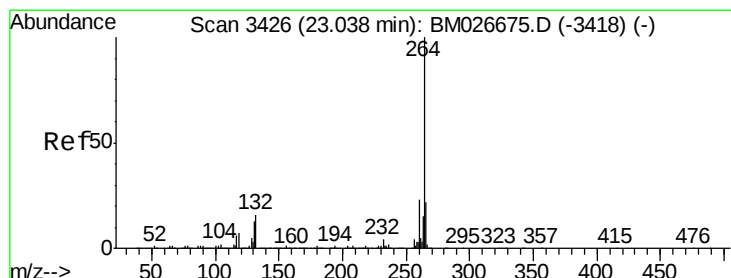
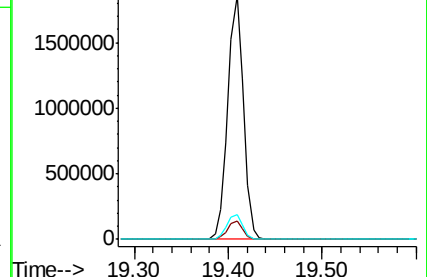
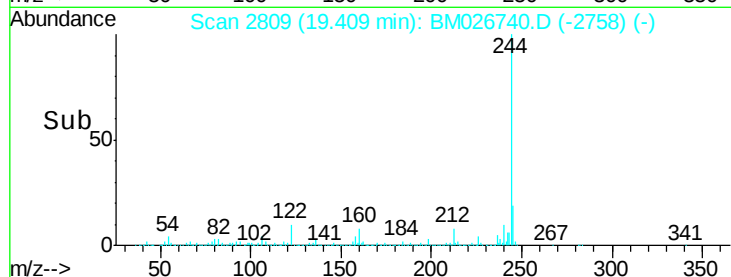
122 10.1 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.03 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

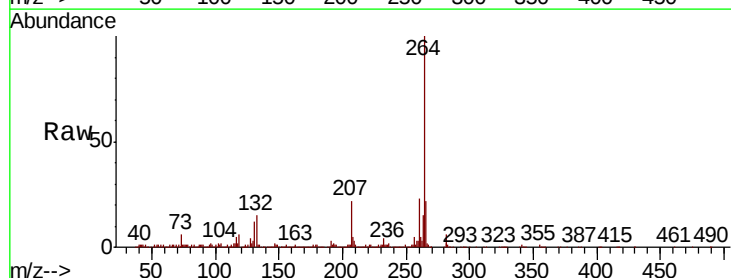
Tgt Ion:264 Resp: 400628

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.7 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

