

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
 Data File : BM026699.D
 Acq On : 08 Jul 2020 09:36
 Operator : JU/CG
 Sample : PB129955BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129955BL

Quant Time: Jul 08 11:05:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 16:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	67504	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	286264	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	200306	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	462332	20.00	ng	0.00
76) Chrysene-d12	20.96	240	540518	20.00	ng	-0.01
86) Perylene-d12	23.04	264	579559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	532866	132.31	ng	0.00
7) Phenol-d6	6.53	99	737711	114.97	ng	-0.01
23) Nitrobenzene-d5	8.48	82	606766	90.43	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	396759	135.98	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1342170	89.09	ng	0.00
79) Terphenyl-d14	19.41	244	2888644	105.18	ng	0.00

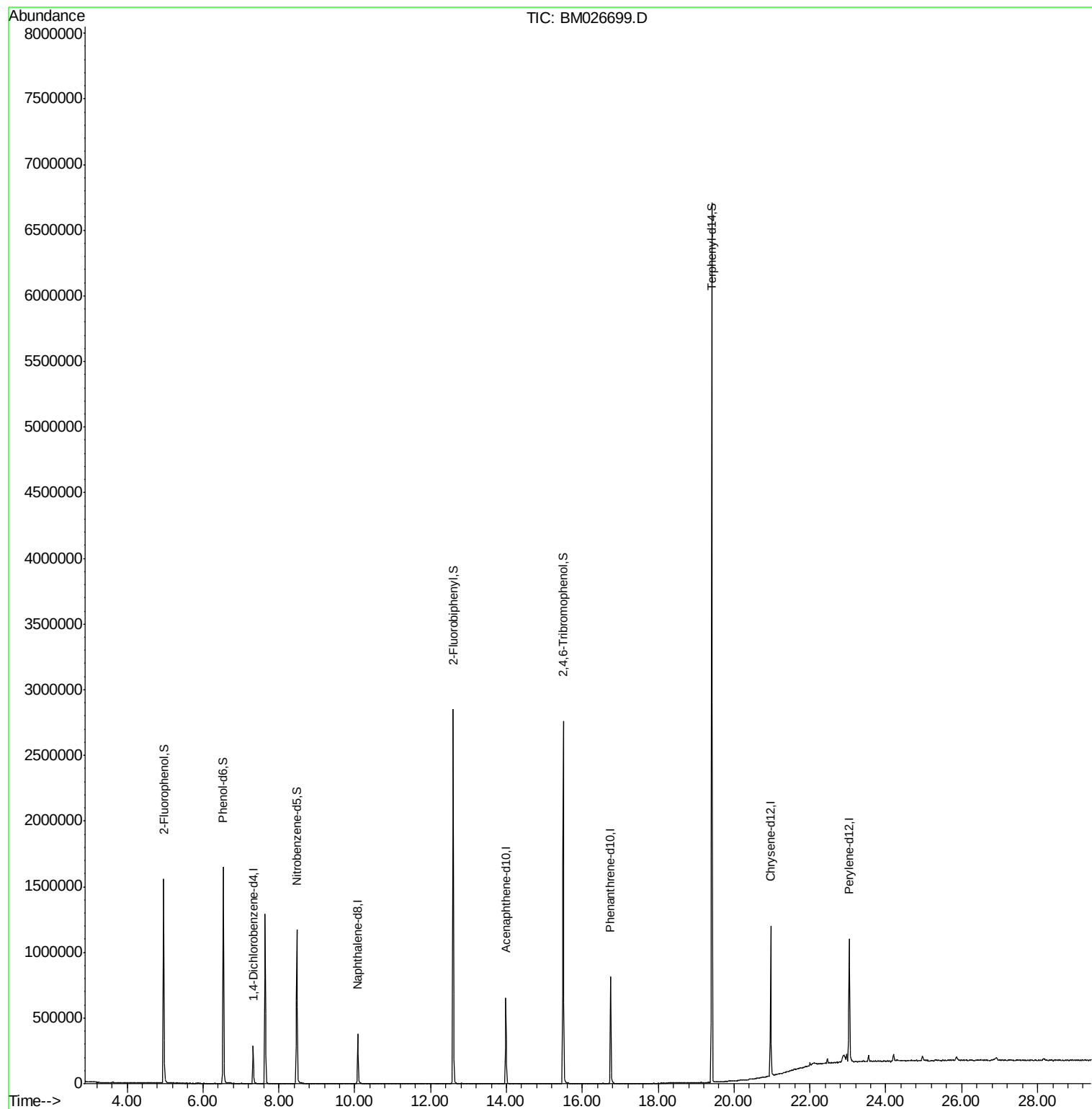
Target Compounds Qvalue

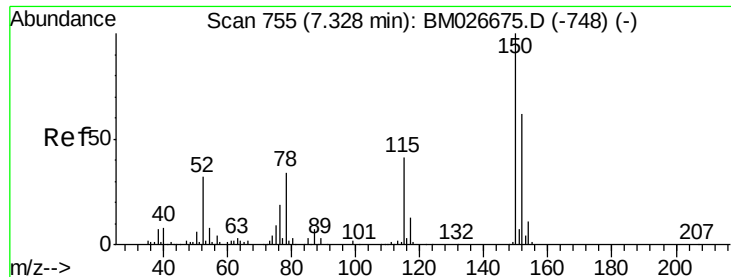
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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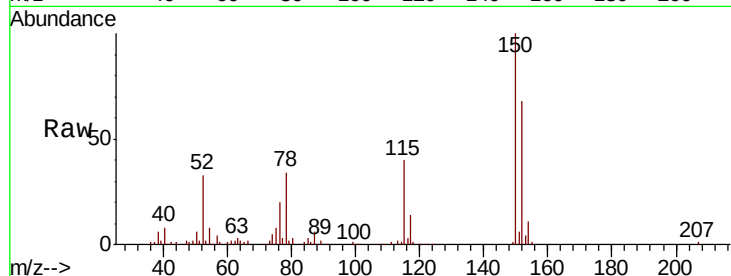


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM026699.D
Acq: 08 Jul 2020 09:36

Instrument :
BNA_M
ClientSampleId :
PB129955BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	128.1	192.1
115	59.4	52.2	78.4

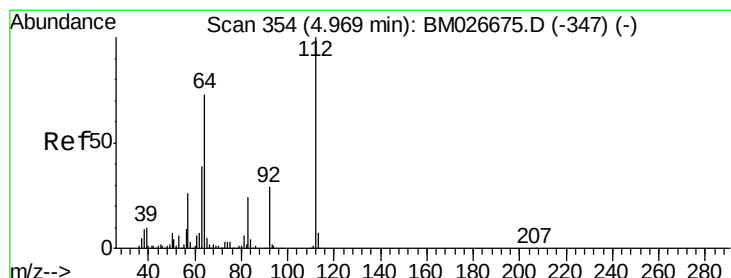
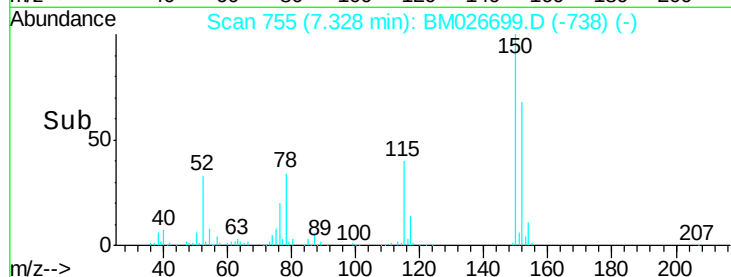
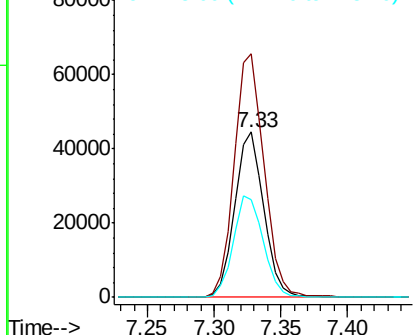


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

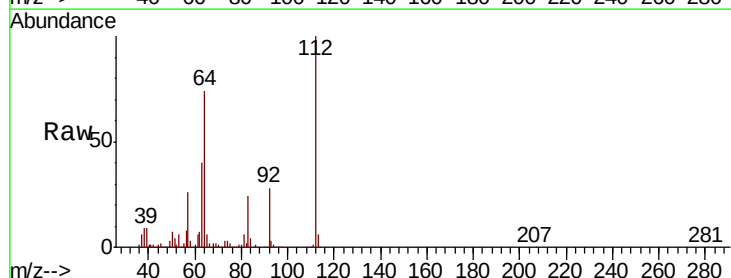
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.308 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.01 min
Lab File: BM026699.D
Acq: 08 Jul 2020 09:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	58.4	87.6
63	40.3	31.5	47.3

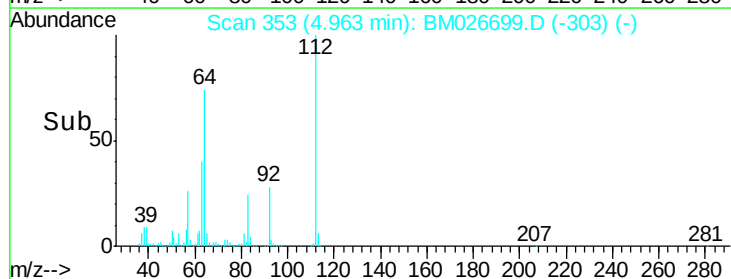
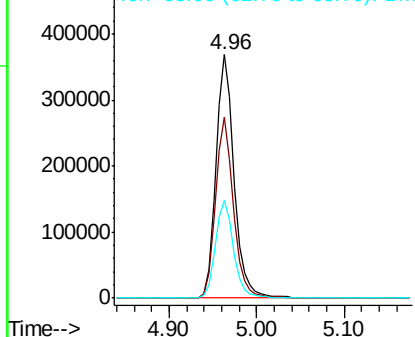


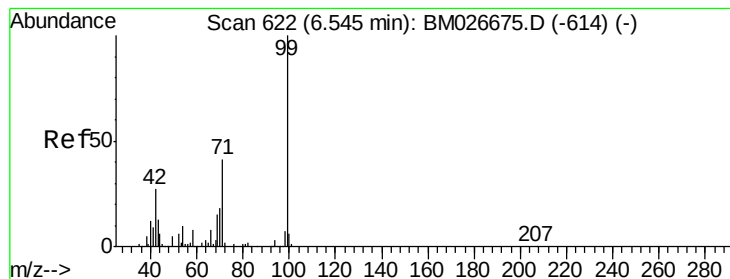
Abundance

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: 114.966 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026699.D

Acq: 08 Jul 2020 09:36

Instrument :

BNA_M

ClientSampleId :

PB129955BL

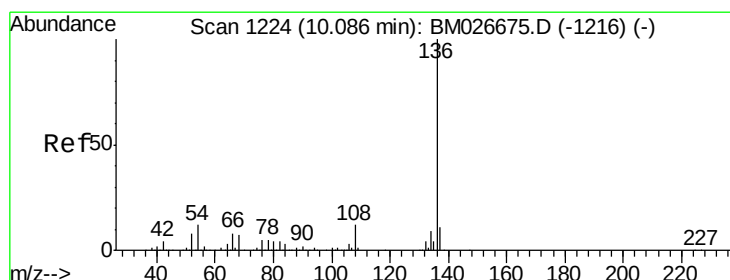
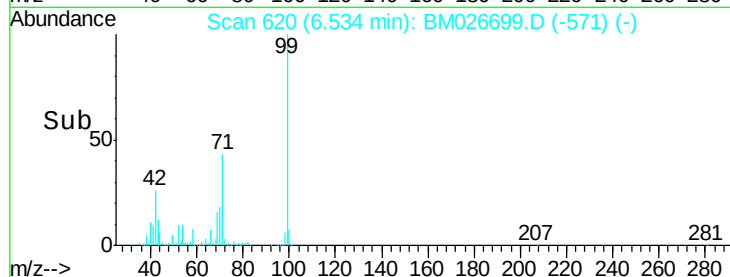
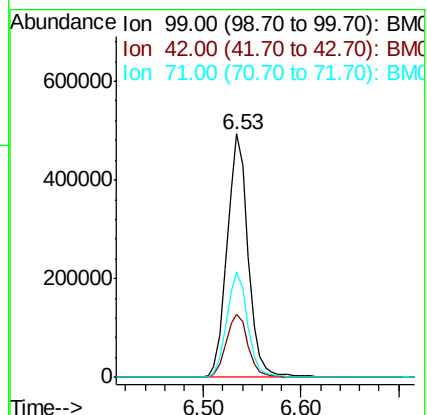
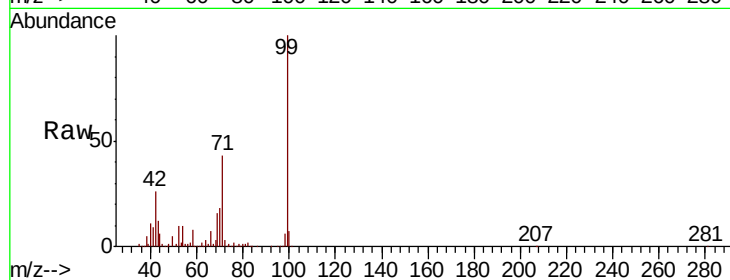
Tot Ion: 99 Resp: 737711

Ion Ratio Lower Upper

99 100

42 26.1 21.7 32.5

71 43.1 33.2 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.08 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM026699.D

Acq: 08 Jul 2020 09:36

Tgt Ion: 136 Resp: 286264

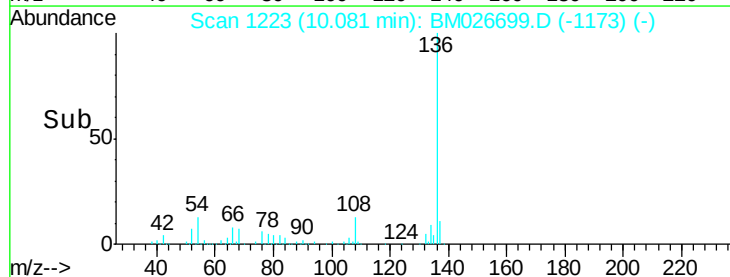
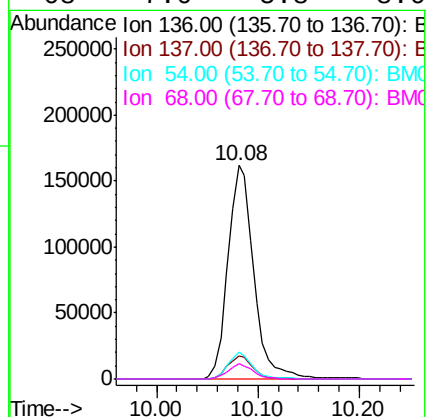
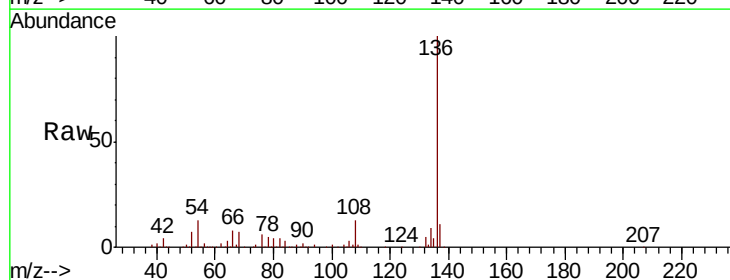
Ion Ratio Lower Upper

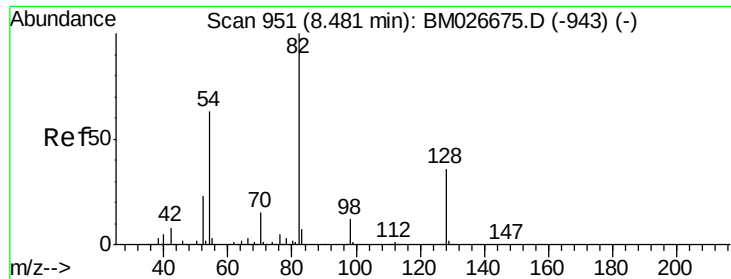
136 100

137 10.9 8.6 12.8

54 12.8 9.8 14.6

68 7.0 5.8 8.6

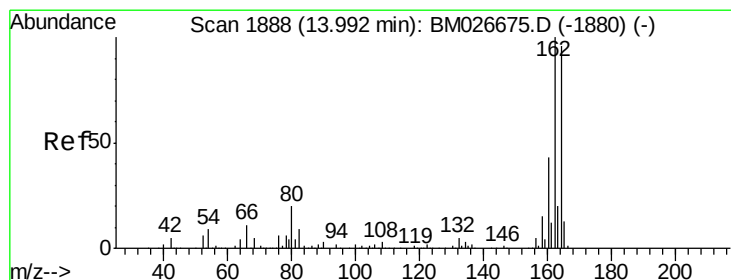
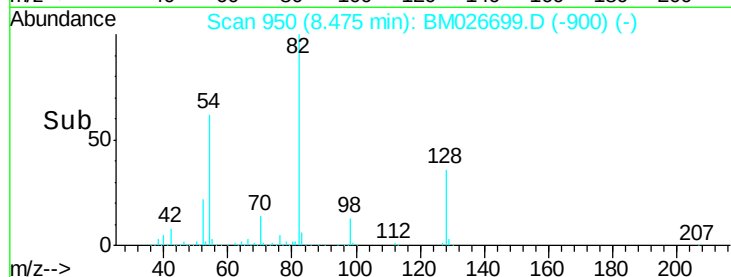
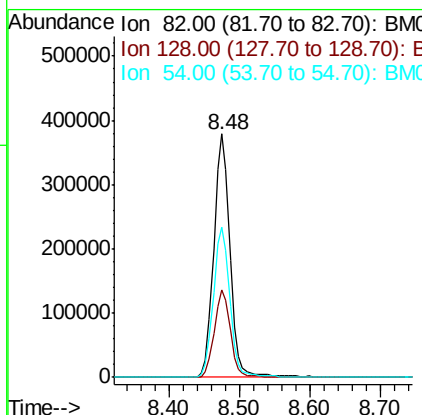
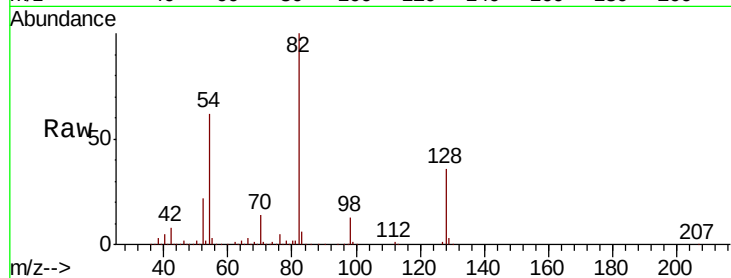




#23
 Nitrobenzene-d5
 Concen: 90.429 ng
 RT: 8.48 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM026699.D
 Acq: 08 Jul 2020 09:36

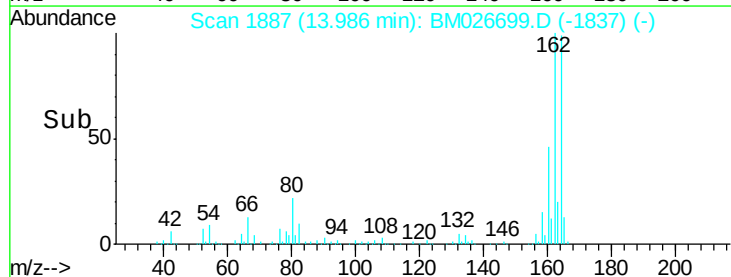
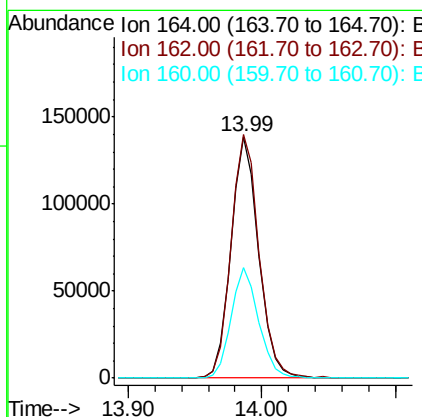
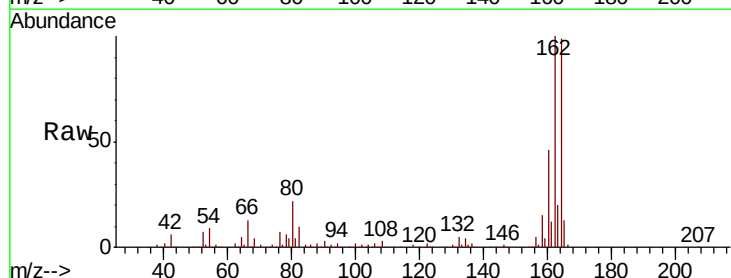
Instrument :
 BNA_M
 ClientSampleId :
 PB129955BL

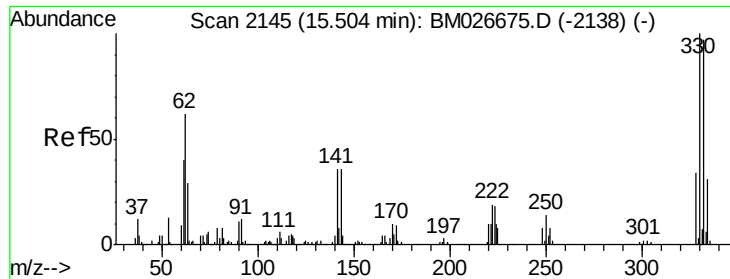
Tot Ion	82	Resp	606766
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.1	43.7
54	61.8	50.2	75.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BM026699.D
 Acq: 08 Jul 2020 09:36

Tgt Ion	164	Resp	200306
Ion Ratio	Lower	Upper	
164	100		
162	100.9	83.7	125.5
160	46.0	36.2	54.2

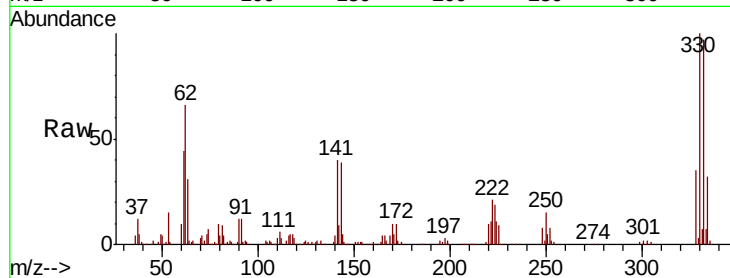




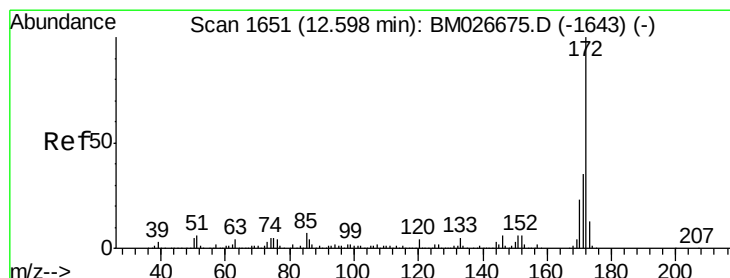
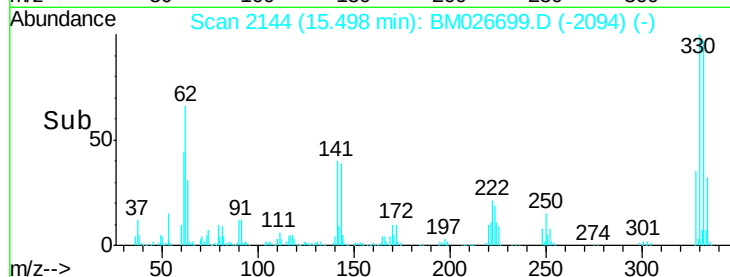
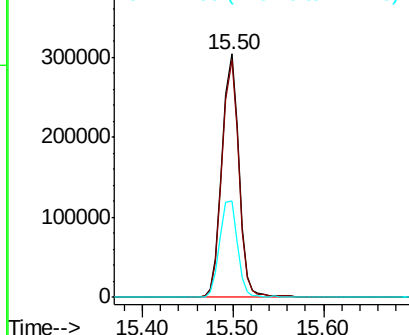
#42
 2,4,6-Tribromophenol
 Concen: 135.977 ng
 RT: 15.50 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM026699.D
 Acq: 08 Jul 2020 09:36

Instrument :
 BNA_M
 ClientSampleId :
 PB129955BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	41.7	32.4	48.6

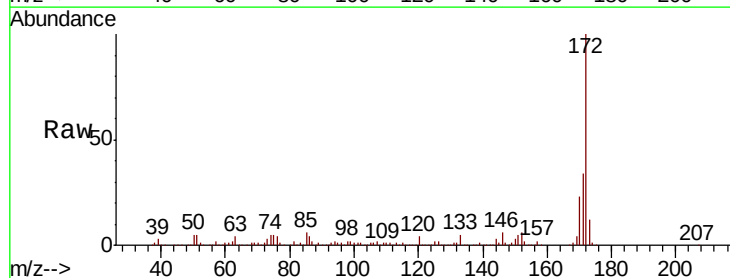


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

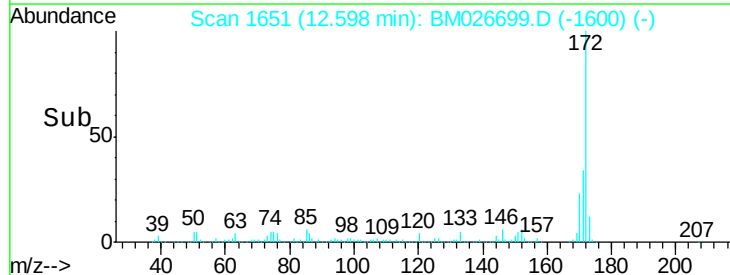
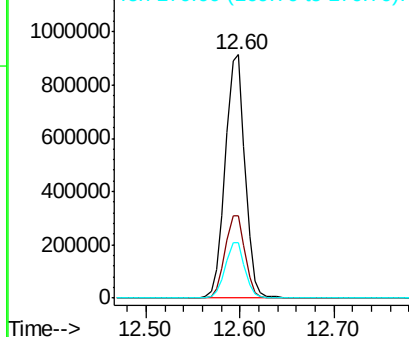


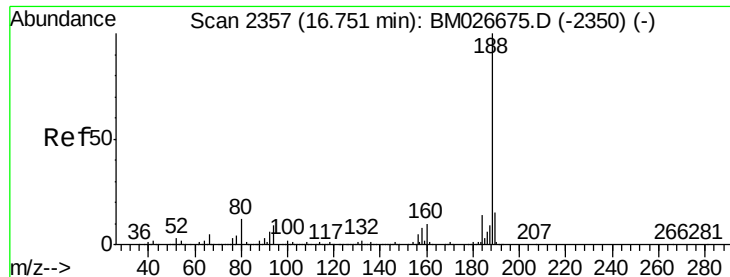
#45
 2-Fluorobiphenyl
 Concen: 89.093 ng
 RT: 12.60 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM026699.D
 Acq: 08 Jul 2020 09:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.9	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

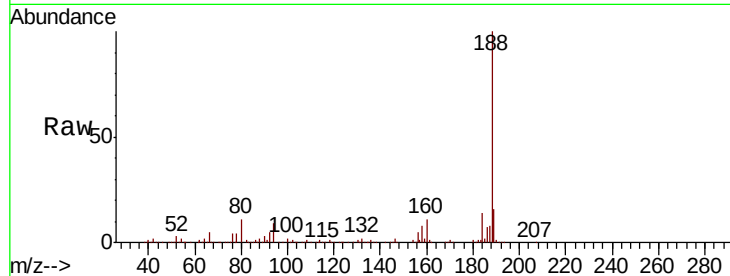




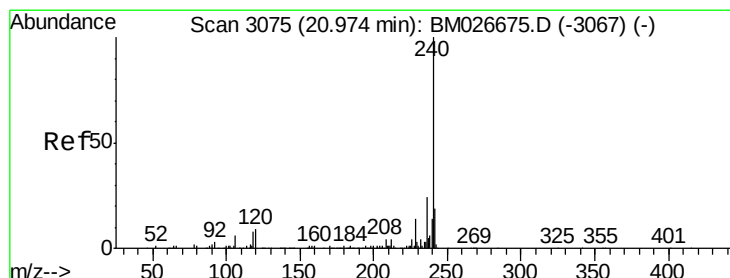
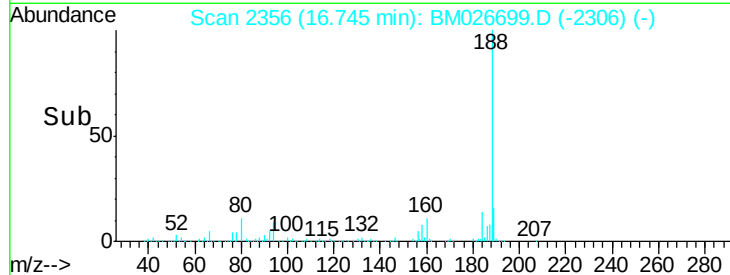
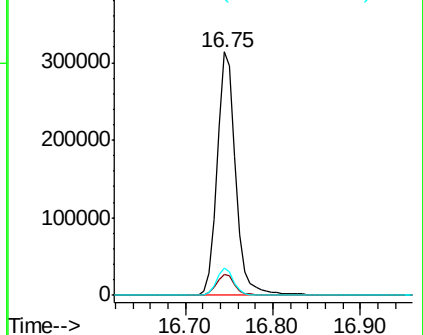
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM026699.D
Acq: 08 Jul 2020 09:36

Instrument :
BNA_M
ClientSampleId :
PB129955BL

Tot Ion:188 Resp: 462332
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 11.0 9.3 13.9

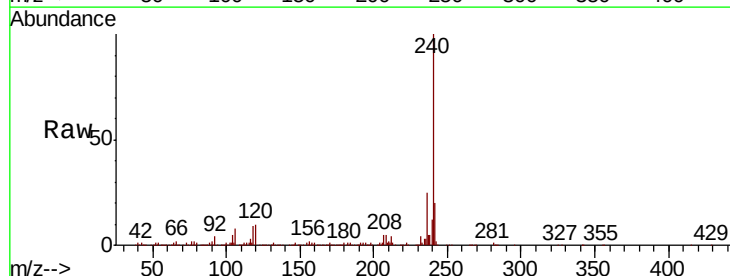


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

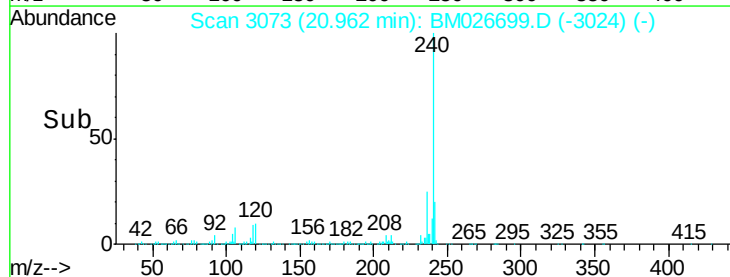
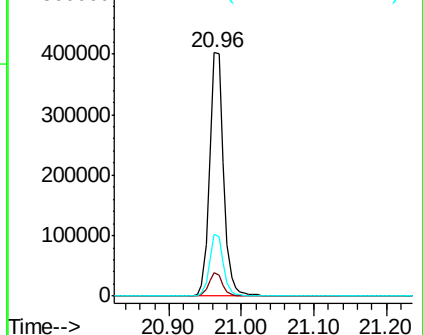


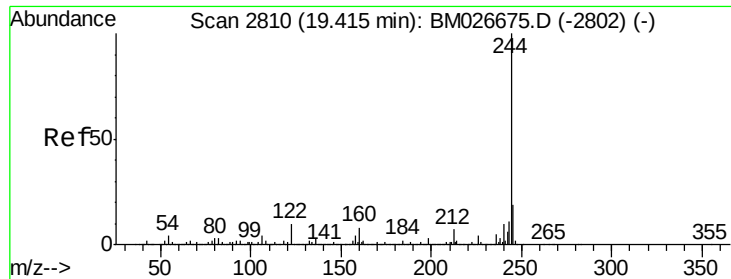
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BM026699.D
Acq: 08 Jul 2020 09:36

Tgt Ion:240 Resp: 540518
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.2 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: 105.175 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM026699.D

Acq: 08 Jul 2020 09:36

Instrument :

BNA_M

ClientSampleId :

PB129955BL

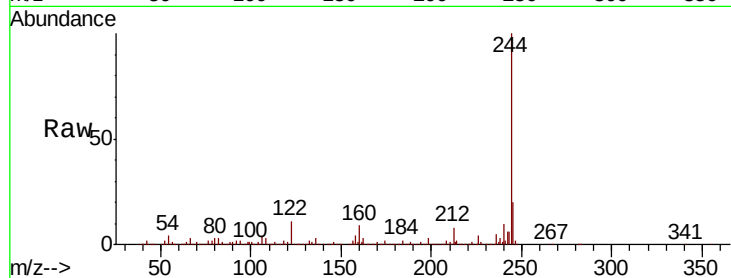
Tot Ion:244 Resp: 2888644

Ion Ratio Lower Upper

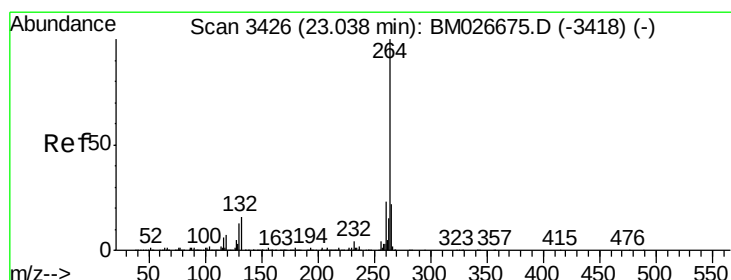
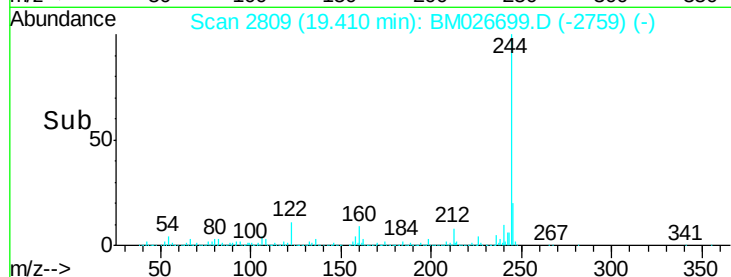
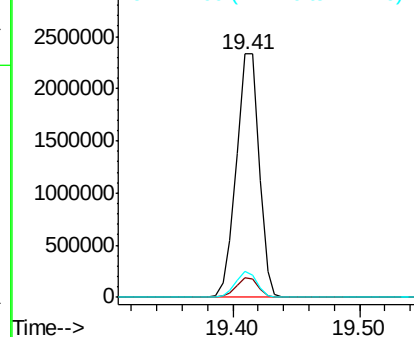
244 100

212 7.8 5.9 8.9

122 10.6 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: 23.04 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM026699.D

Acq: 08 Jul 2020 09:36

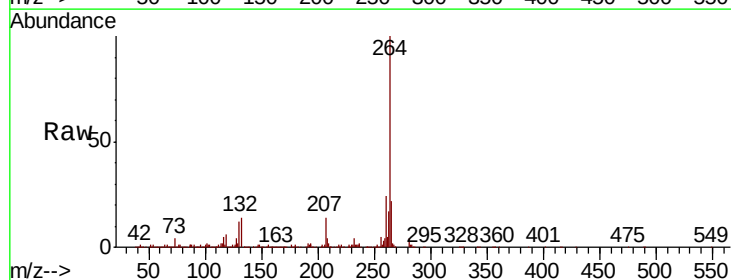
Tgt Ion:264 Resp: 579559

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 22.0 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

