

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020652.D
 Acq On : 01 Jun 2019 16:08
 Operator : HP/JU
 Sample : K3037-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-20190522

Quant Time: Jun 03 02:22:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	283147	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1172538	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	690201	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1585516	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1270859	20.00	ng	-0.01
87) Perylene-d12	23.68	264	1276387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1069937	66.47	ng	0.00
7) Phenol-d6	6.99	99	932042	39.32	ng	0.00
23) Nitrobenzene-d5	8.99	82	2131979	94.21	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1095044	128.05	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4731108	91.13	ng	0.00
79) Terphenyl-d14	19.84	244	7707023	101.44	ng	0.00

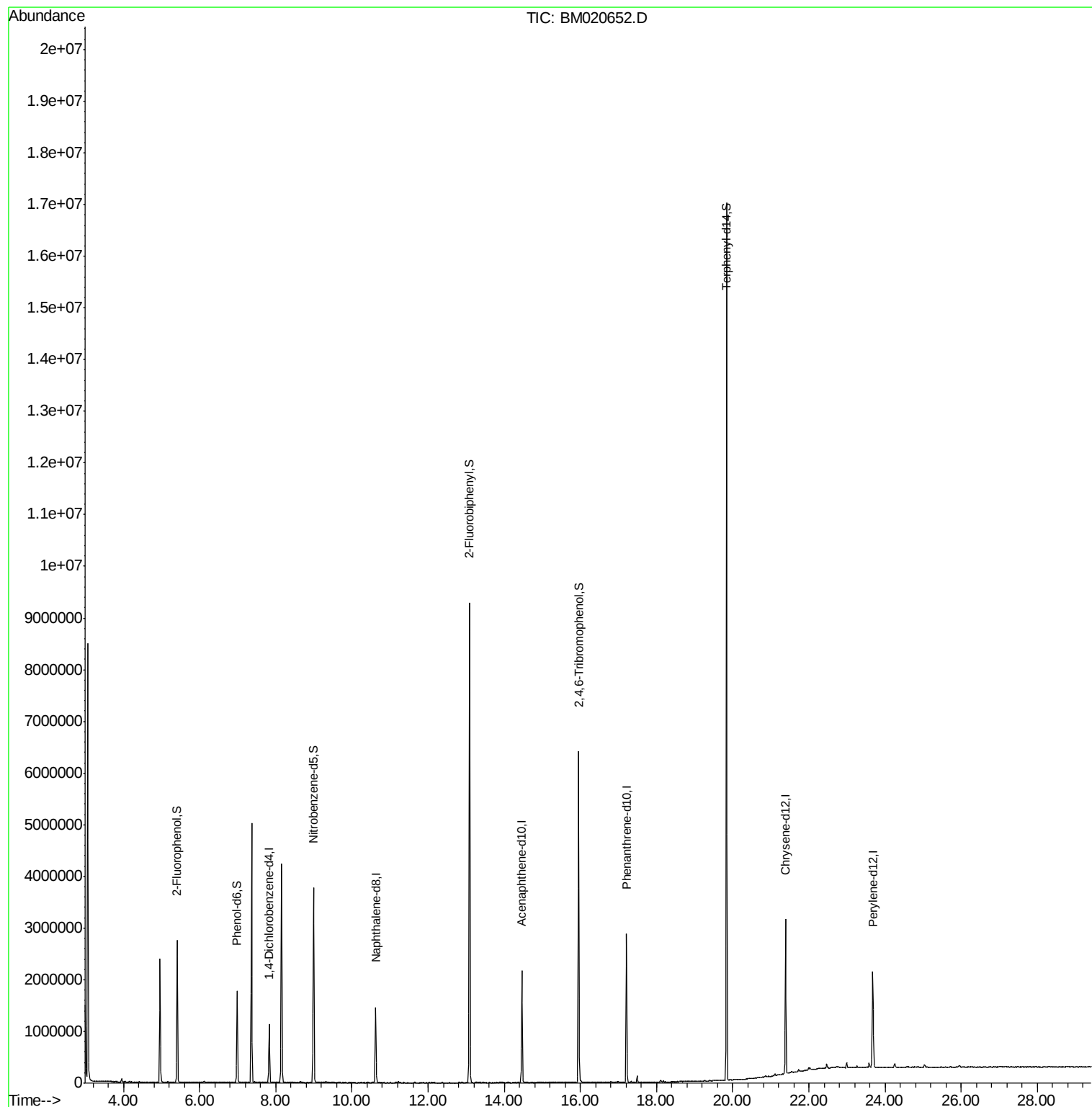
Target Compounds Qvalue

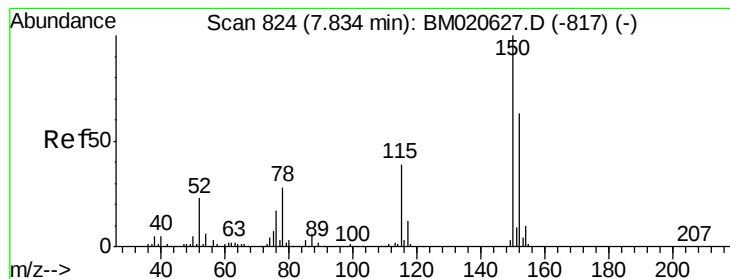
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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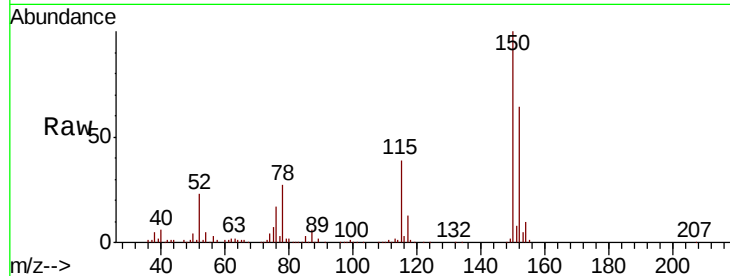


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020652.D
Acq: 01 Jun 2019 16:08

Instrument :
BNA_M
ClientSampleId :
FB-20190522

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.0	189.0
115	61.0	49.6	74.4

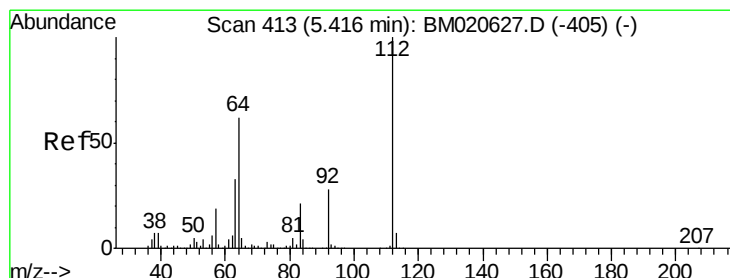
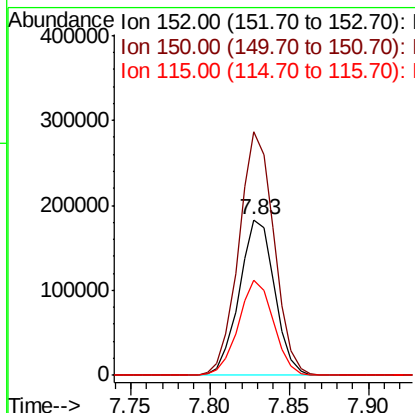
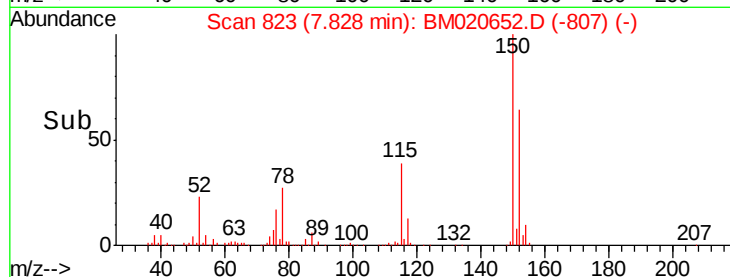


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

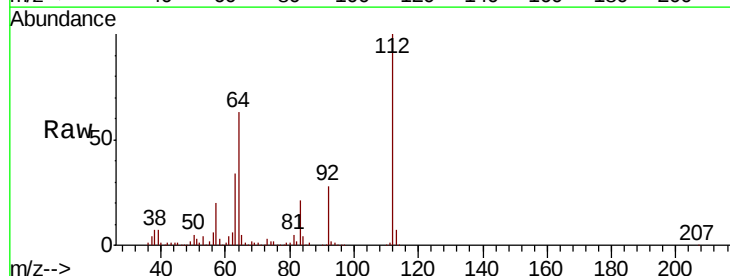
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.470 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020652.D
Acq: 01 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.7	74.5
63	33.7	26.4	39.6

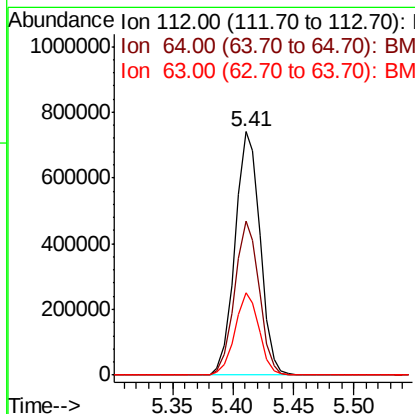
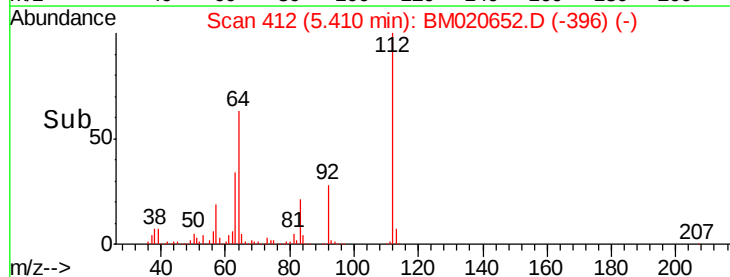


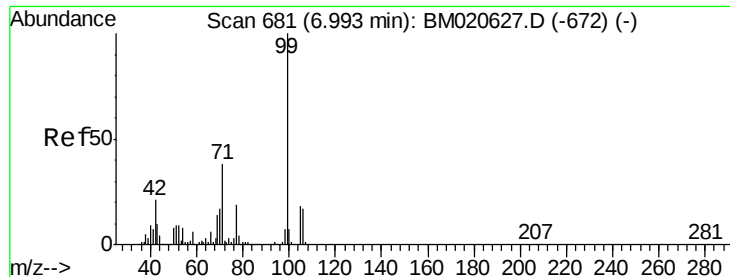
Abundance

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: 39.324 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

Instrument :

BNA_M

ClientSampleId :

FB-20190522

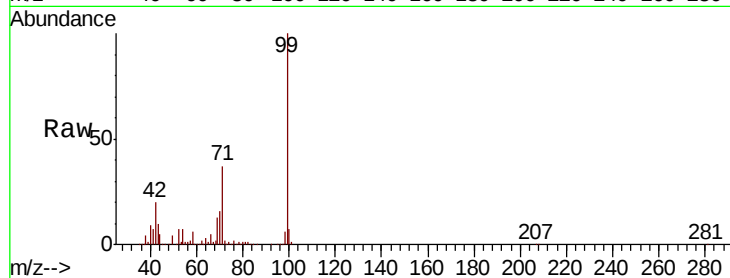
Tot Ion: 99 Resp: 932042

Ion Ratio Lower Upper

99 100

42 20.0 16.5 24.7

71 37.3 30.7 46.1

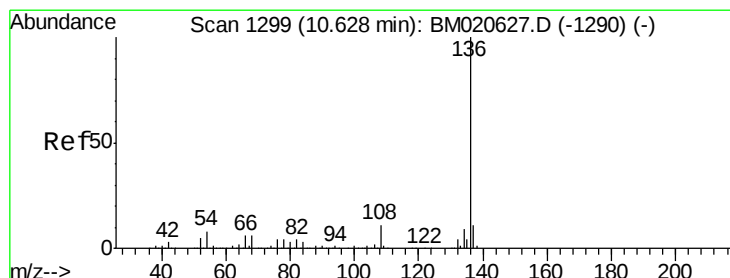
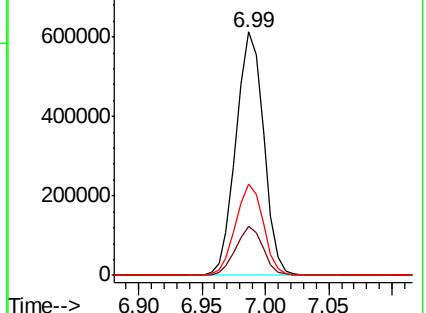
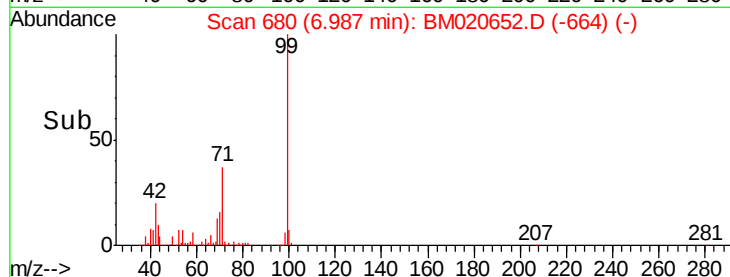


Abundance

Ion 99.00 (98.70 to 99.70): BM020652.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020652.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020652.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

Tgt Ion: 136 Resp: 1172538

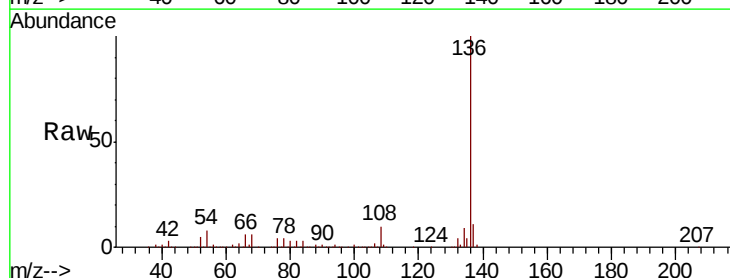
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 6.6 10.0

68 6.4 5.1 7.7



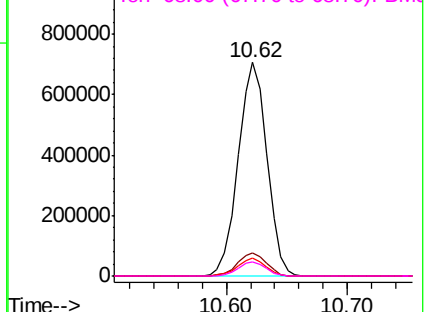
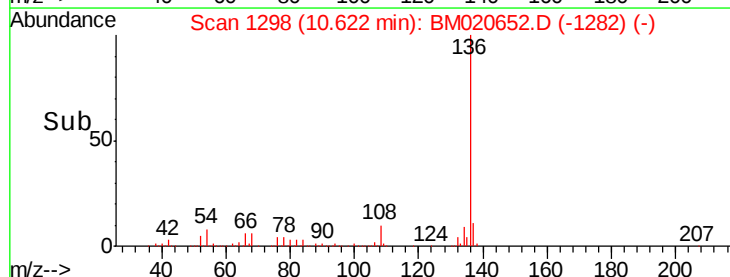
Abundance

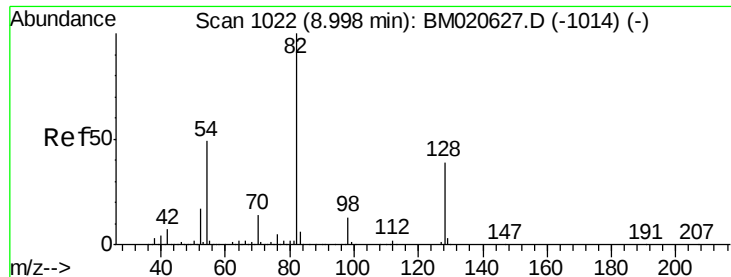
Ion 136.00 (135.70 to 136.70): BM020652.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020652.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020652.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020652.D (-1282) (-)

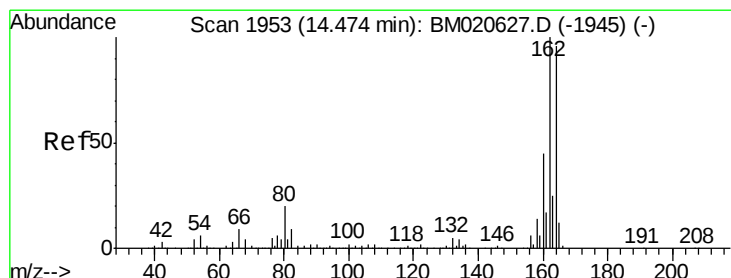
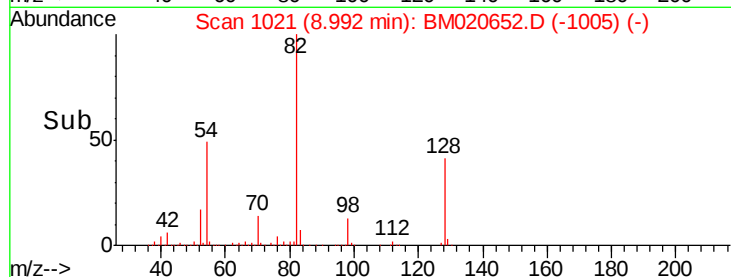
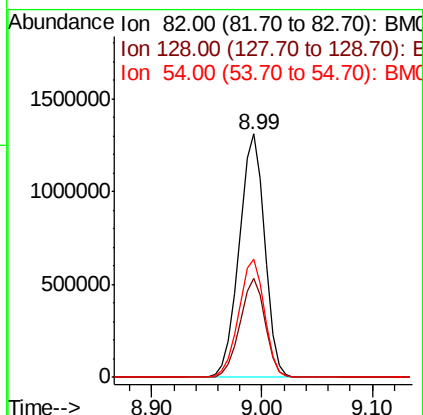
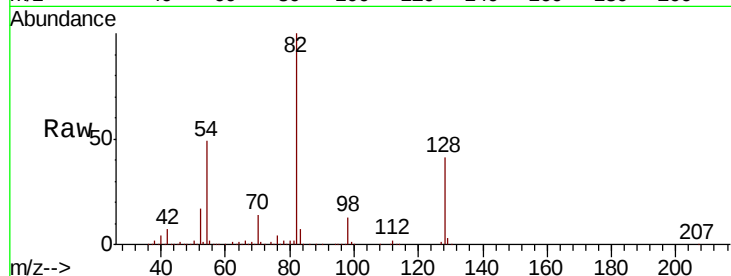




#23
Nitrobenzene-d5
Concen: 94.207 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020652.D
Acq: 01 Jun 2019 16:08

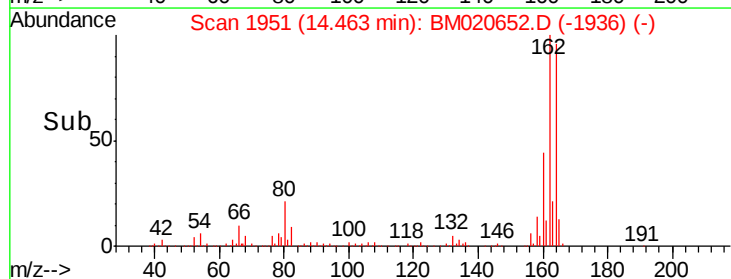
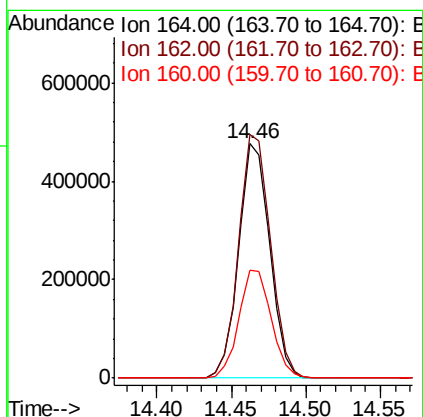
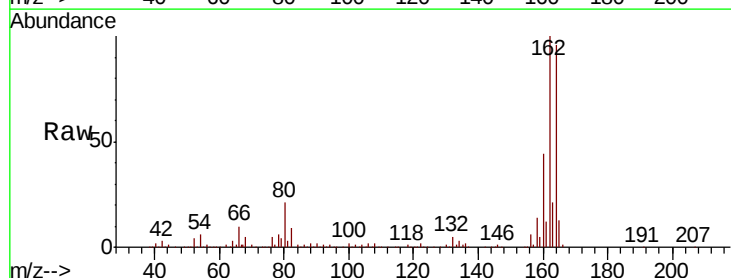
Instrument :
BNA_M
ClientSampleId :
FB-20190522

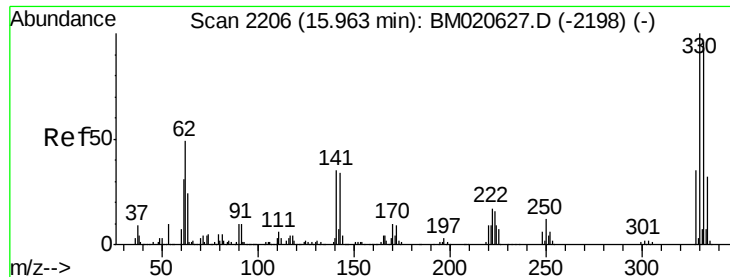
Tot Ion: 82 Resp: 2131979
Ion Ratio Lower Upper
82 100
128 40.8 31.5 47.3
54 48.8 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020652.D
Acq: 01 Jun 2019 16:08

Tgt Ion:164 Resp: 690201
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 46.3 37.5 56.3

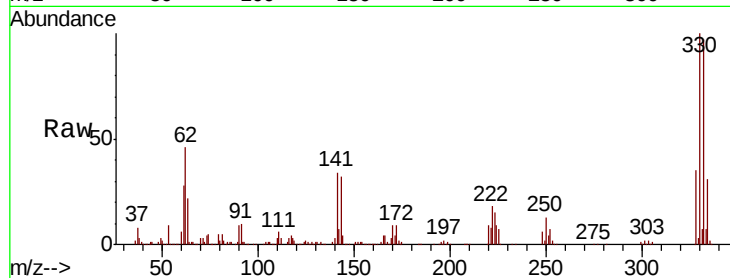




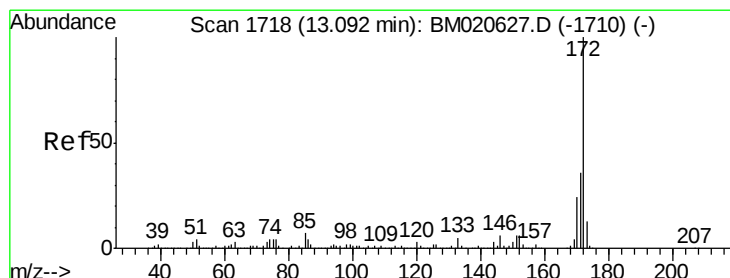
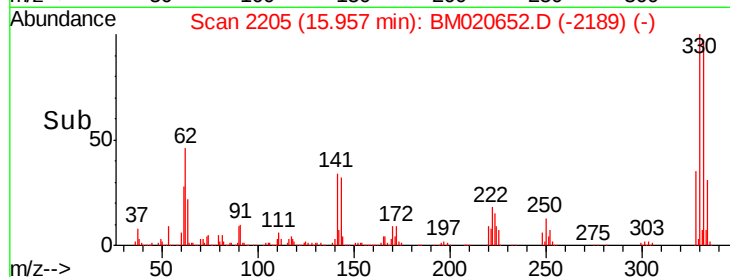
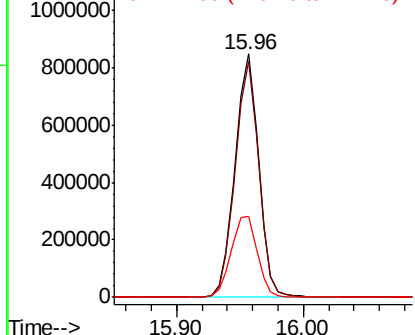
#42
 2,4,6-Tribromophenol
 Concen: 128.052 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020652.D
 Acq: 01 Jun 2019 16:08

Instrument :
 BNA_M
 ClientSampled :
 FB-20190522

Tot Ion:330 Resp: 1095044
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 36.8 30.4 45.6

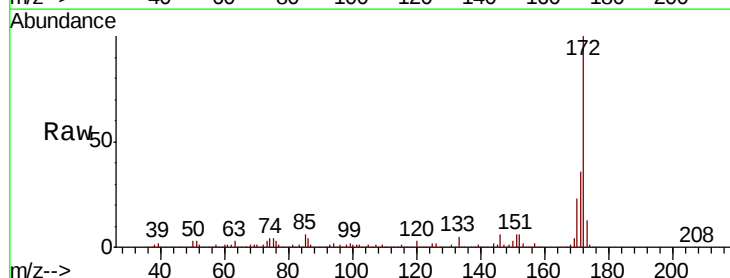


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

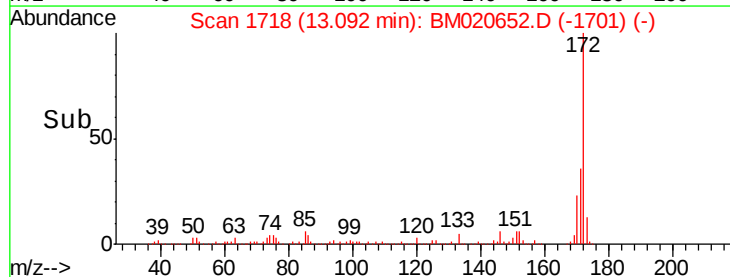
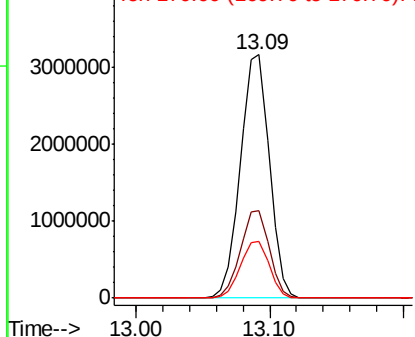


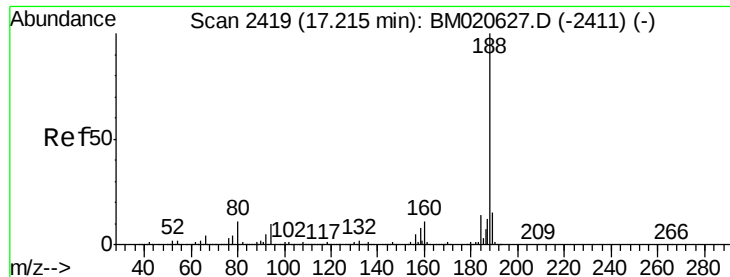
#45
 2-Fluorobiphenyl
 Concen: 91.130 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM020652.D
 Acq: 01 Jun 2019 16:08

Tgt Ion:172 Resp: 4731108
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.4 18.9 28.3



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: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

Instrument :

BNA_M

ClientSampleId :

FB-20190522

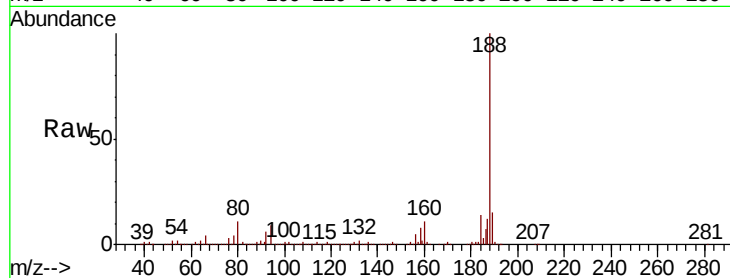
Tot Ion:188 Resp: 1585516

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

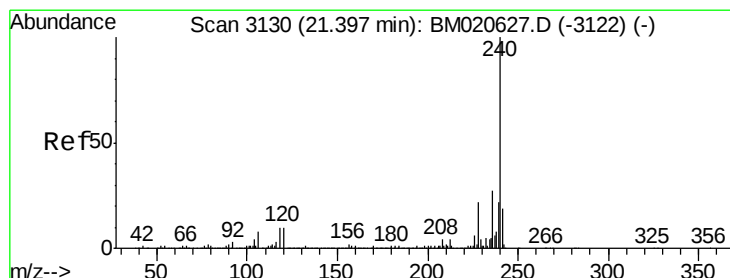
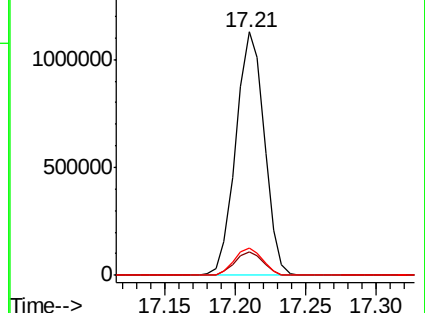
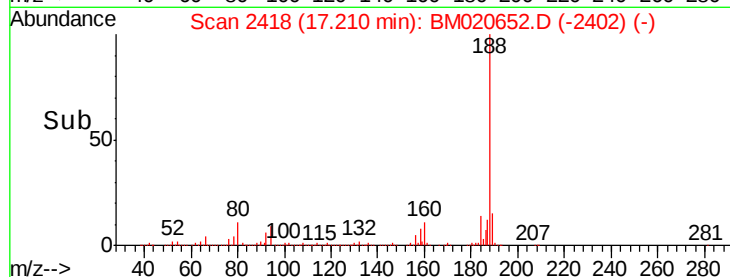
80 11.3 9.0 13.6



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: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

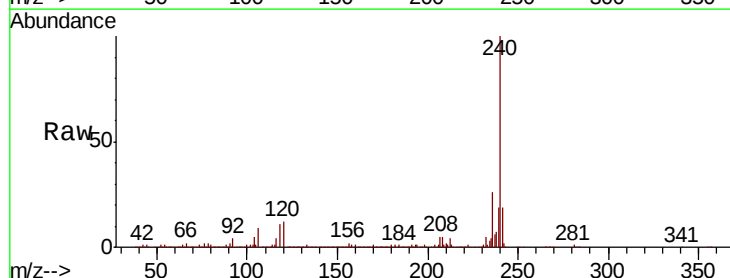
Tgt Ion:240 Resp: 1270859

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

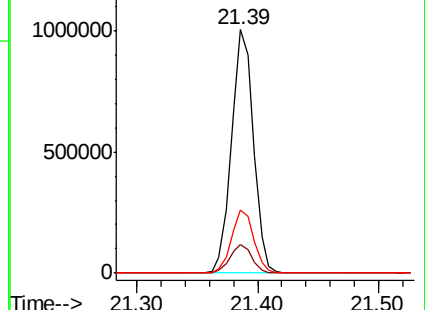
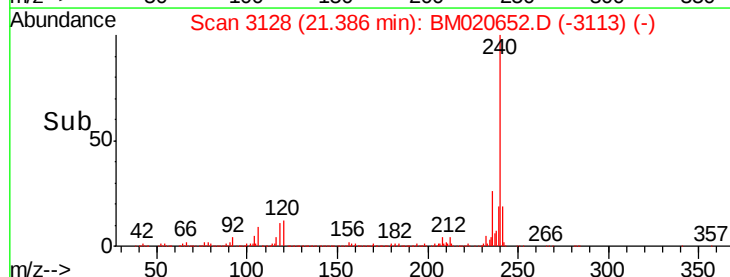
236 26.0 21.2 31.8

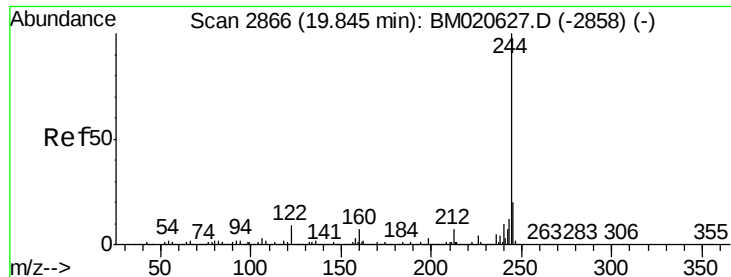


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.436 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

Instrument :

BNA_M

ClientSampleId :

FB-20190522

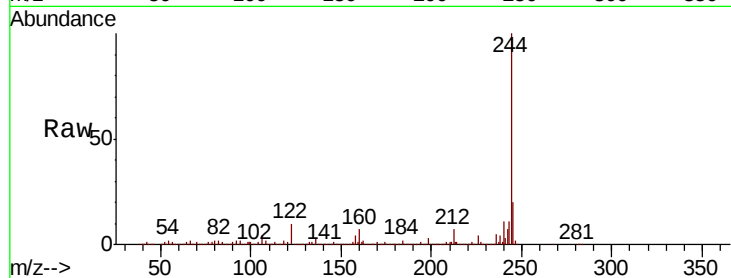
Tot Ion:244 Resp: 7707023

Ion Ratio Lower Upper

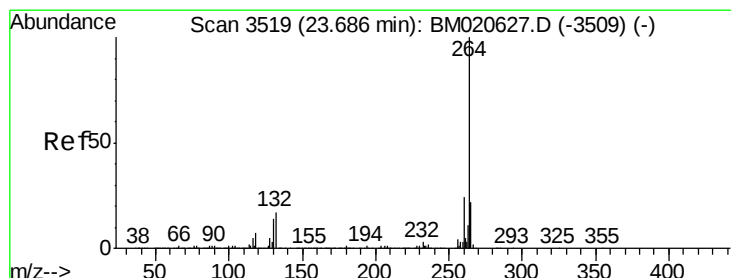
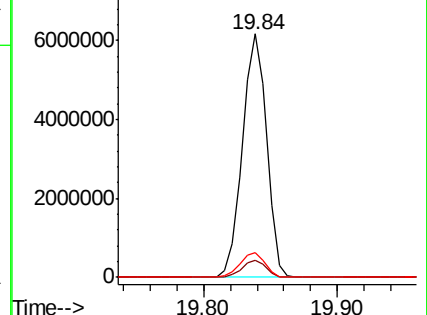
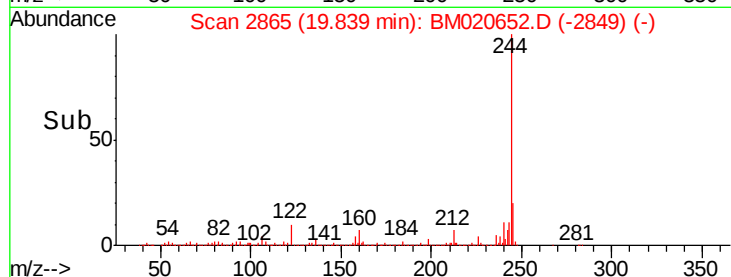
244 100

212 7.2 5.7 8.5

122 10.0 7.2 10.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.68 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM020652.D

Acq: 01 Jun 2019 16:08

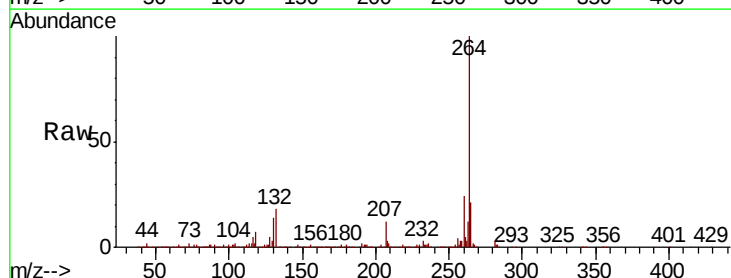
Tgt Ion:264 Resp: 1276387

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

