

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020703.D
 Acq On : 04 Jun 2019 13:07
 Operator : HP/JU
 Sample : PB120172BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 04 13:43:16 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

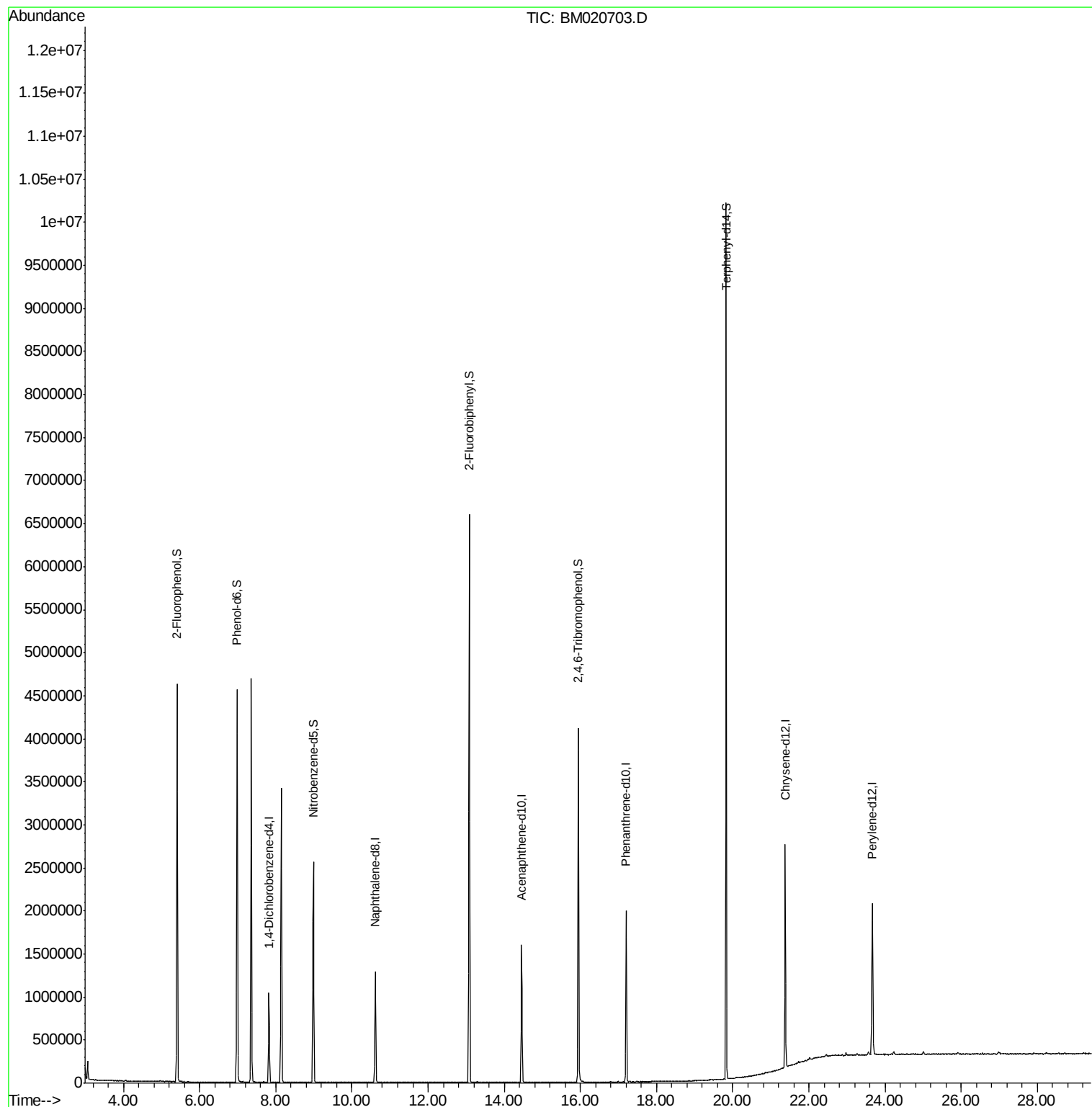
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	270198	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1030465	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	531802	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1097903	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1050992	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1243583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1820160	118.50	ng	0.00
7) Phenol-d6	6.99	99	2442118	107.97	ng	0.00
23) Nitrobenzene-d5	8.99	82	1499012	75.37	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	756436	114.80	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	3228817	80.72	ng	-0.01
79) Terphenyl-d14	19.83	244	4342427	69.11	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	5024	Below Cal	Qvalue #	6

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

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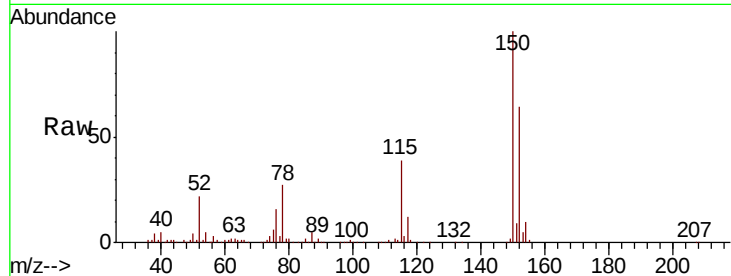


#1

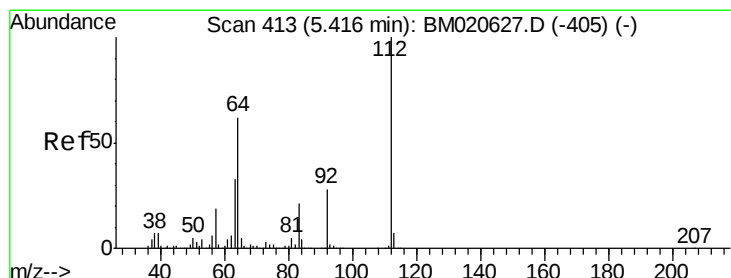
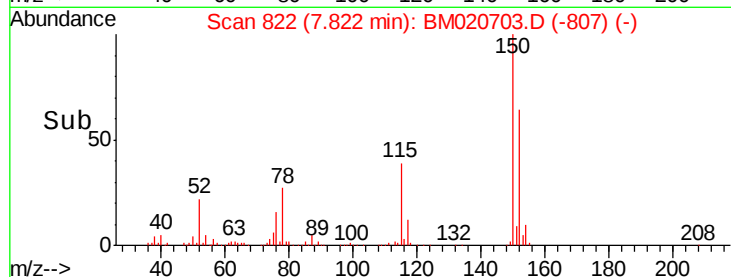
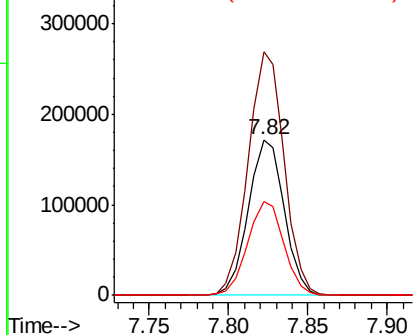
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020703.D
Acq: 04 Jun 2019 13:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 270198
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 60.5 49.6 74.4



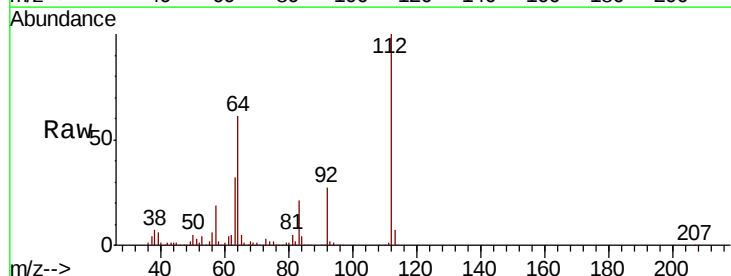
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



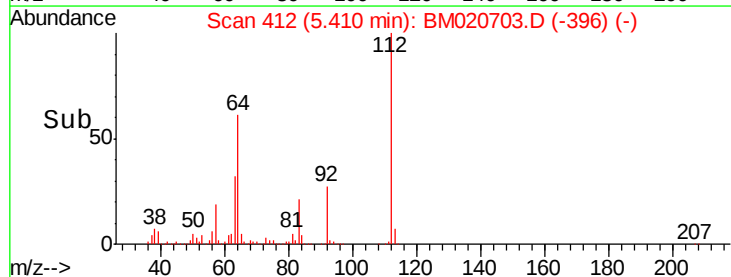
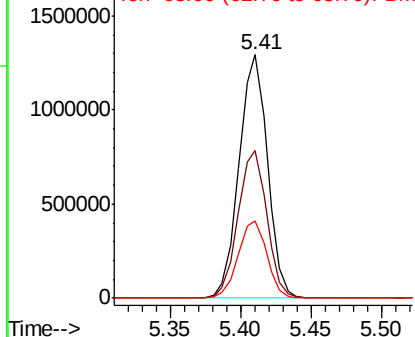
#5

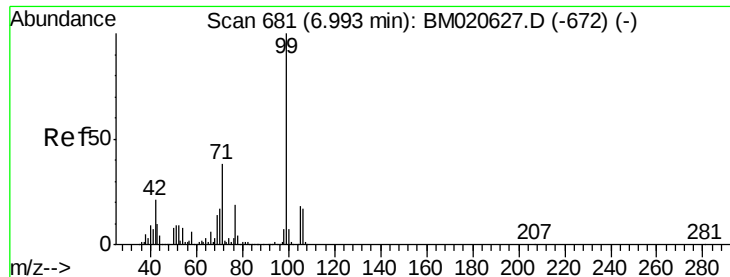
2-Fluorophenol
Concen: 118.498 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020703.D
Acq: 04 Jun 2019 13:07

Tgt Ion:112 Resp: 1820160
Ion Ratio Lower Upper
112 100
64 60.5 49.7 74.5
63 31.6 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: 107.975 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

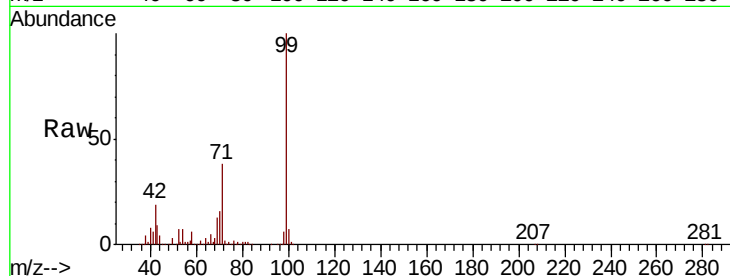
Tot Ion: 99 Resp: 2442118

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 37.5 30.7 46.1

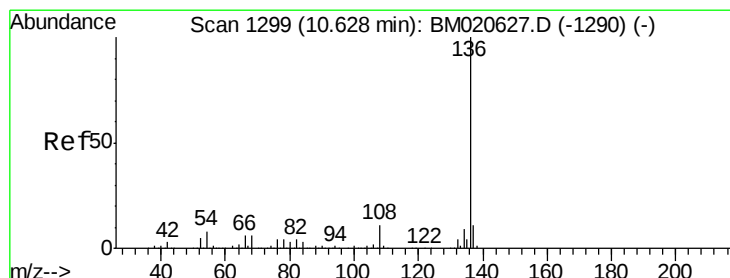
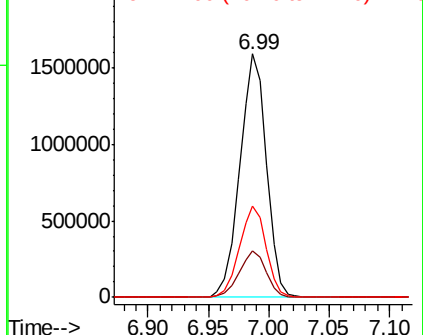
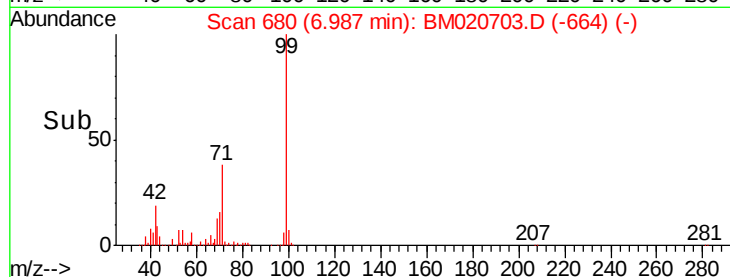


Abundance

Ion 99.00 (98.70 to 99.70): BM020703.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020703.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020703.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

Tgt Ion: 136 Resp: 1030465

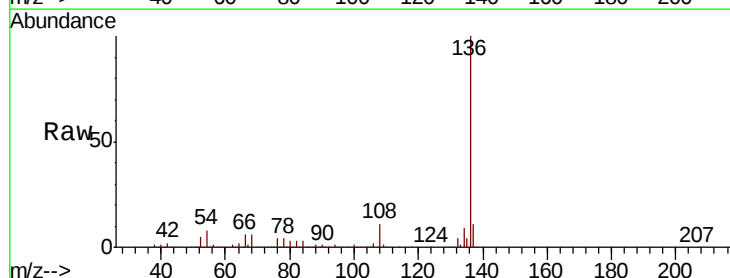
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 6.6 10.0

68 6.1 5.1 7.7



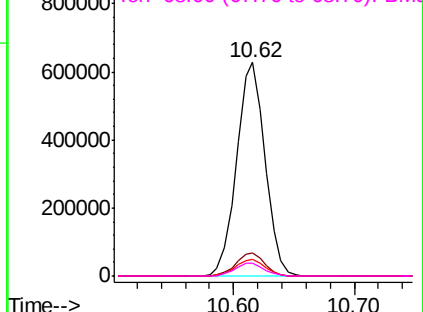
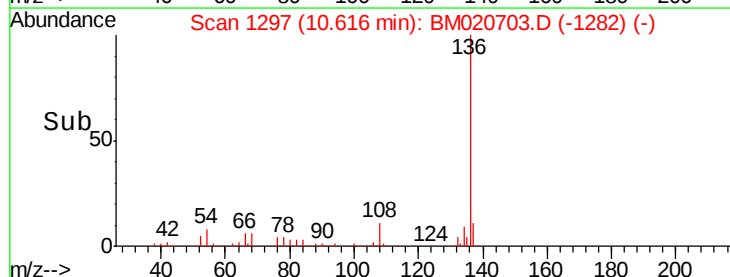
Abundance

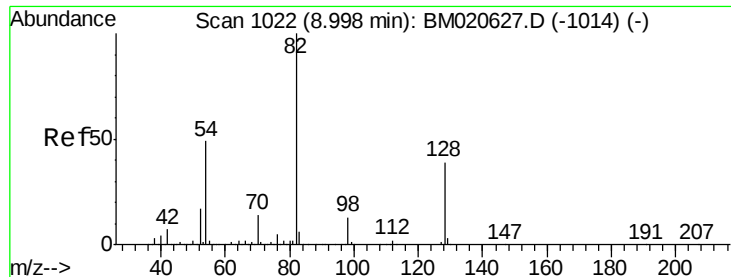
Ion 136.00 (135.70 to 136.70): BM020703.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020703.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020703.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020703.D (-1282) (-)



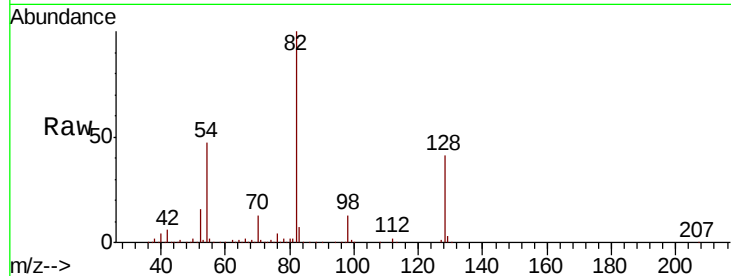


#23
Nitrobenzene-d5
Concen: 75.370 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020703.D
Acq: 04 Jun 2019 13:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1499012

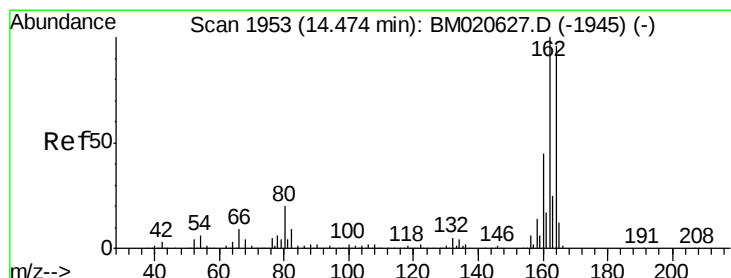
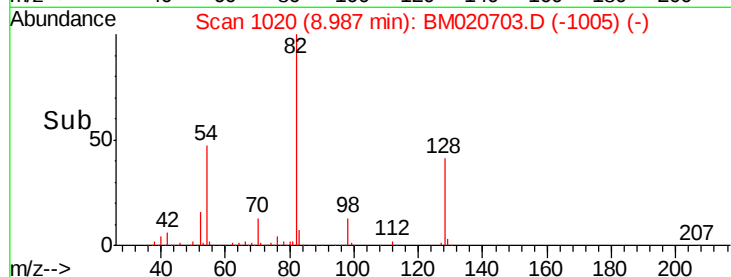
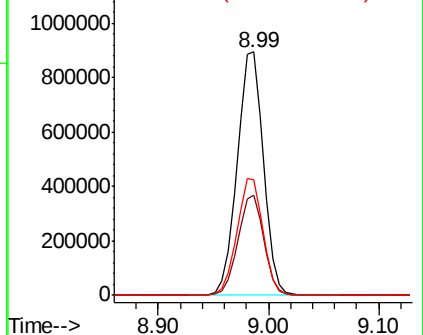
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.5	47.3
54	47.5	39.4	59.0



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)

Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)

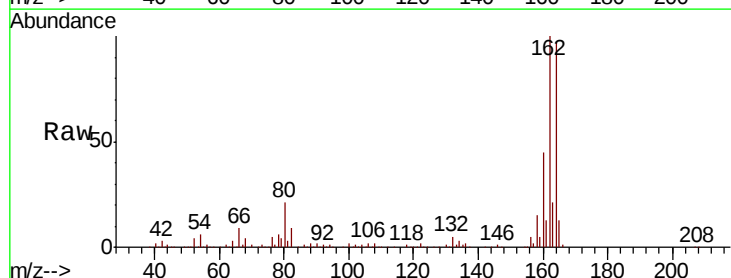
Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020703.D
Acq: 04 Jun 2019 13:07

Tgt Ion:164 Resp: 531802

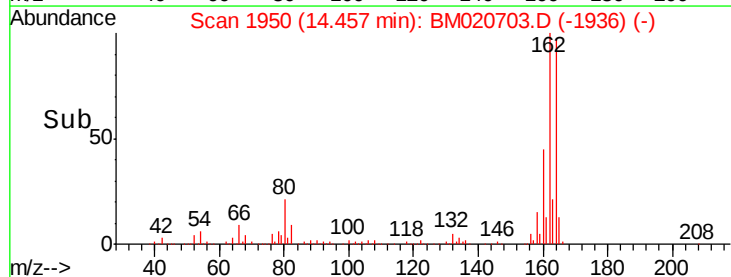
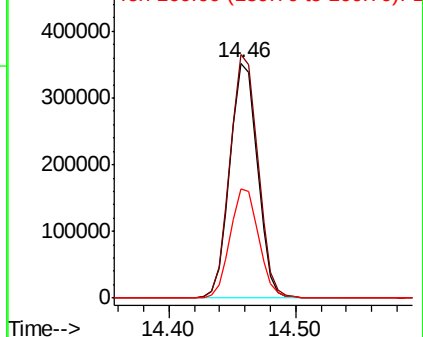
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.2	124.8
160	46.7	37.5	56.3

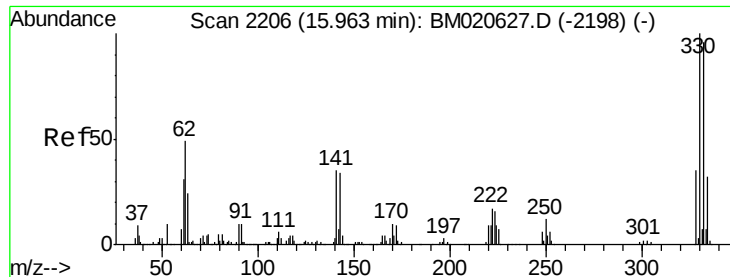


Abundance Ion 164.00 (163.70 to 164.70): BM020627.D (-1945) (-)

Ion 162.00 (161.70 to 162.70): BM020627.D (-1945) (-)

Ion 160.00 (159.70 to 160.70): BM020627.D (-1945) (-)

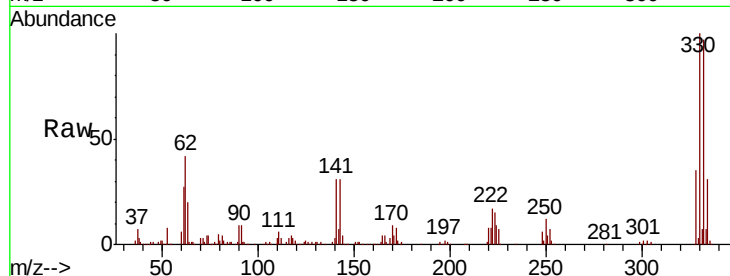




#42
 2,4,6-Tribromophenol
 Concen: 114.803 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020703.D
 Acq: 04 Jun 2019 13:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	35.4	30.4	45.6

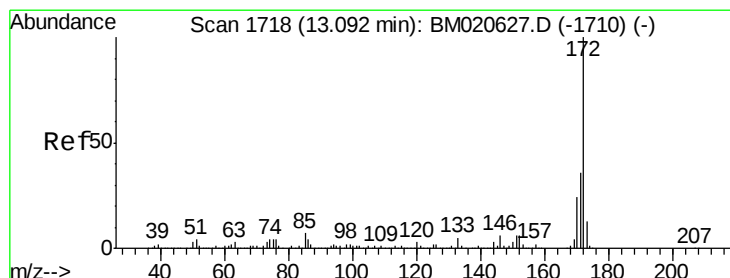
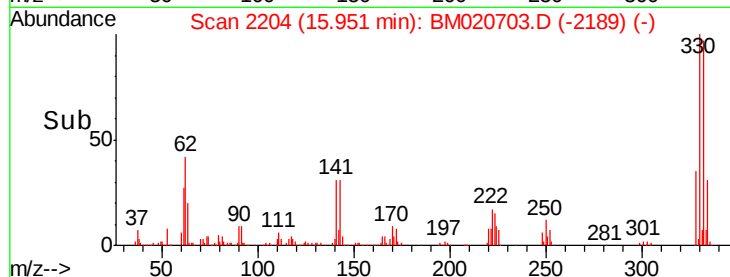
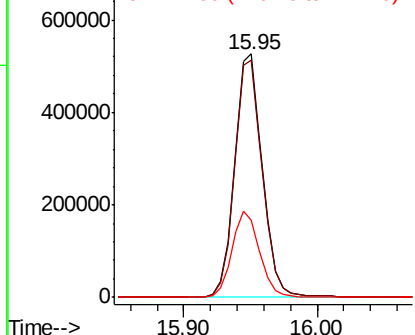


Abundance

Ion 329.80 (329.50 to 330.50): E

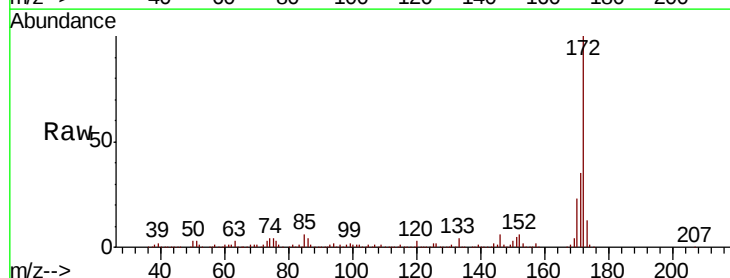
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.717 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020703.D
 Acq: 04 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.0	18.9	28.3

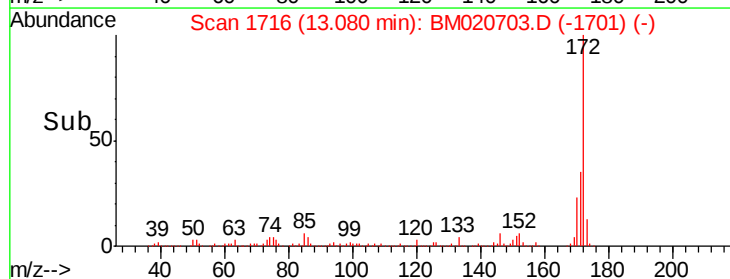
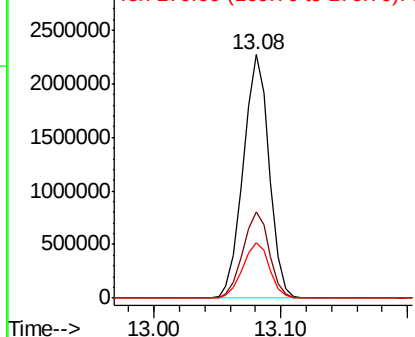


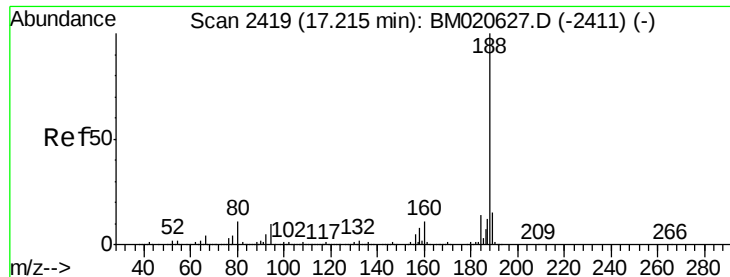
Abundance

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: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

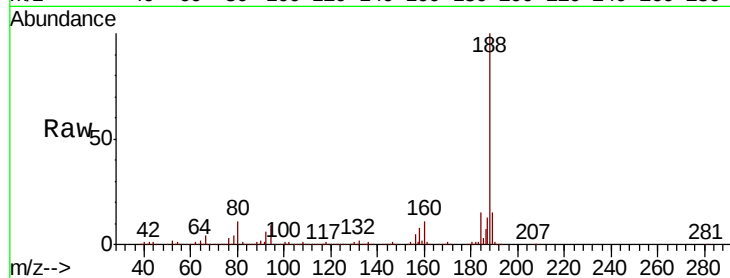
Tot Ion:188 Resp: 1097903

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

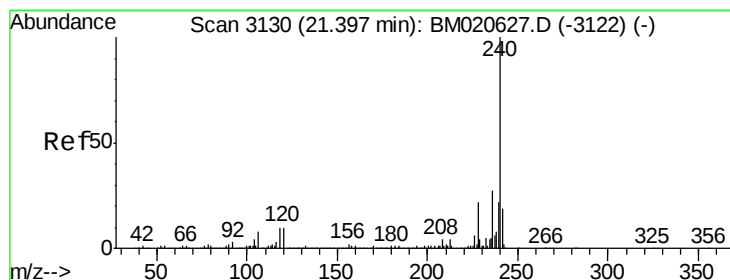
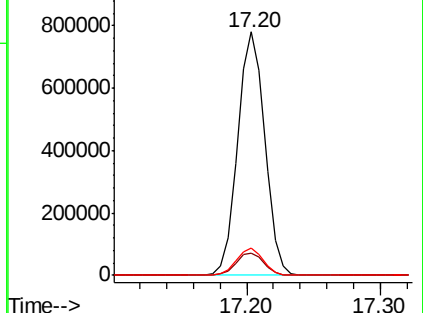
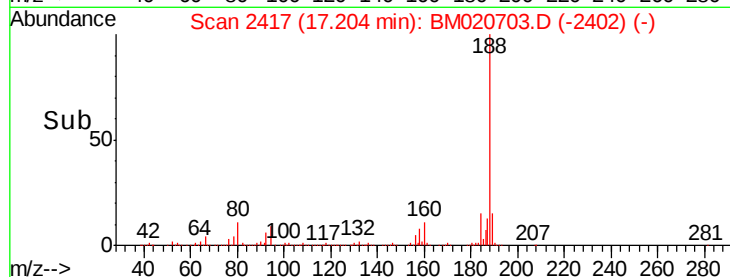
80 11.0 9.0 13.6



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: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

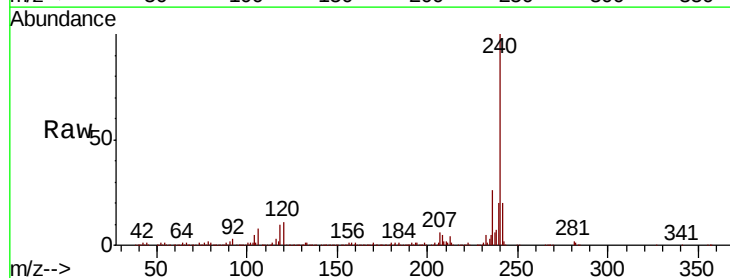
Tgt Ion:240 Resp: 1050992

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.2

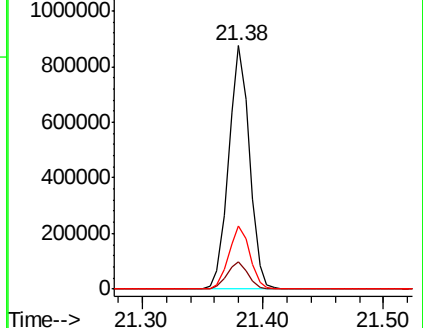
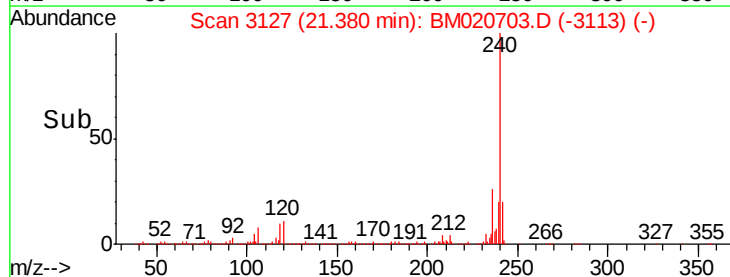
236 26.2 21.2 31.8

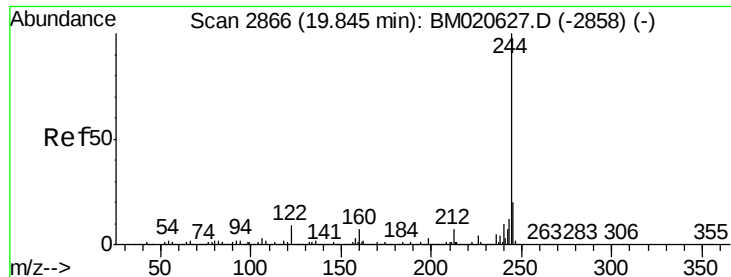


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.110 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

Instrument :

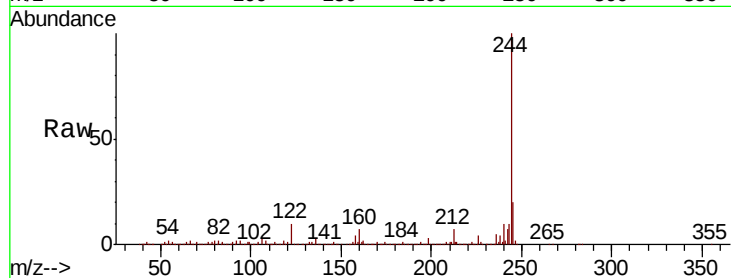
BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 4342427

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.9	7.2	10.8

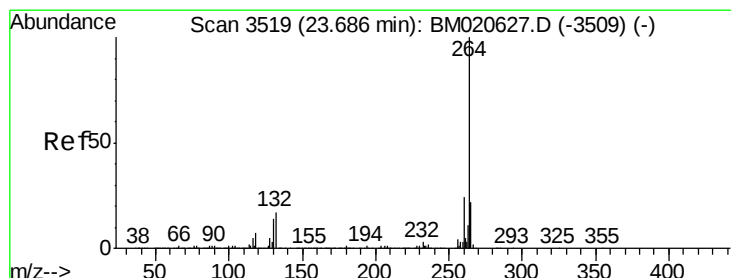
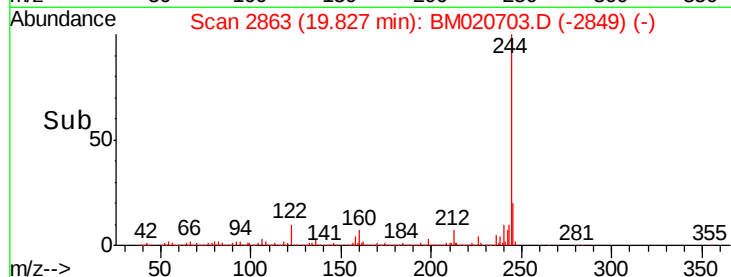
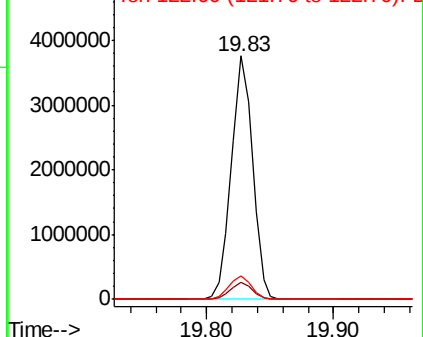


Abundance

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: 23.67 min Scan# 3516

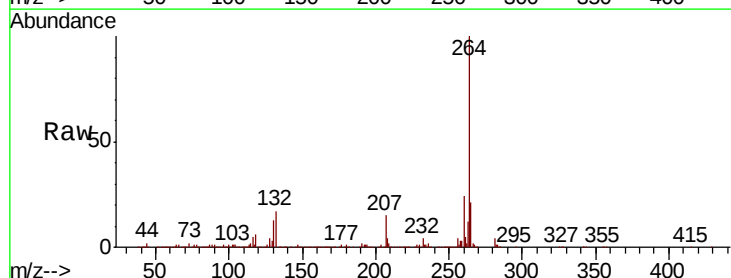
Delta R.T. -0.02 min

Lab File: BM020703.D

Acq: 04 Jun 2019 13:07

Tgt Ion:264 Resp: 1243583

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	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

