

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020615.D
 Acq On : 30 May 2019 01:54
 Operator : JU/SJ
 Sample : K3050-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-D-B

Quant Time: May 30 03:45:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38707	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	121194	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	92589	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	233960	20.00	ng	0.00
76) Chrysene-d12	21.23	240	308607	20.00	ng	0.00
87) Perylene-d12	23.46	264	364463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	94059	47.67	ng	0.00
7) Phenol-d6	6.80	99	64555	21.68	ng	0.00
23) Nitrobenzene-d5	8.79	82	283980	98.35	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	170673	92.01	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	673034	91.21	ng	0.00
79) Terphenyl-d14	19.67	244	1572776	92.13	ng	0.00

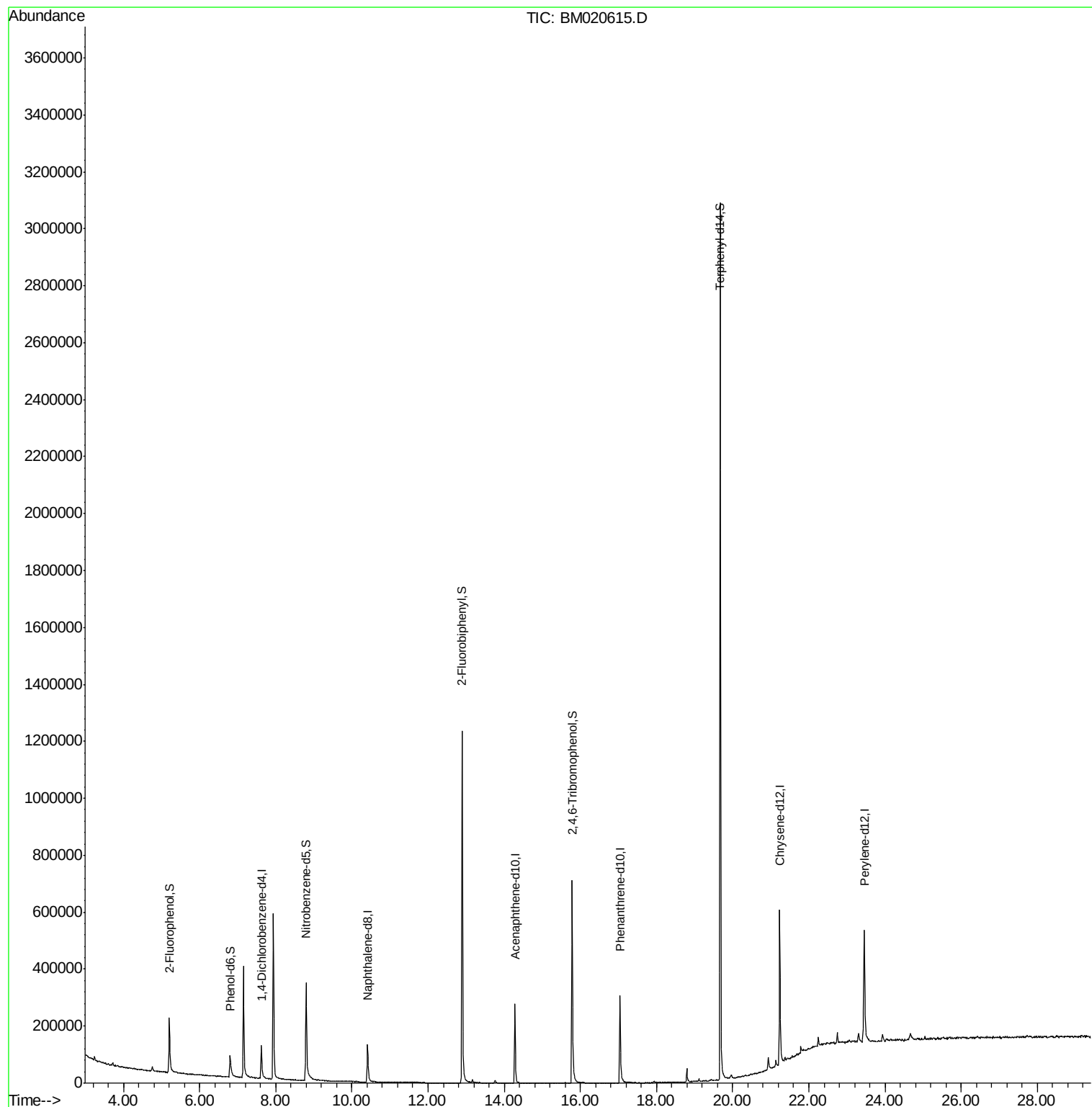
Target Compounds Qvalue

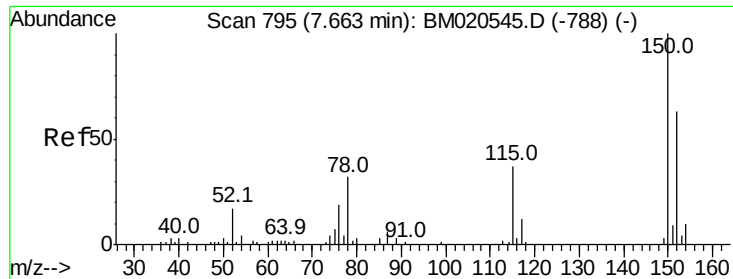
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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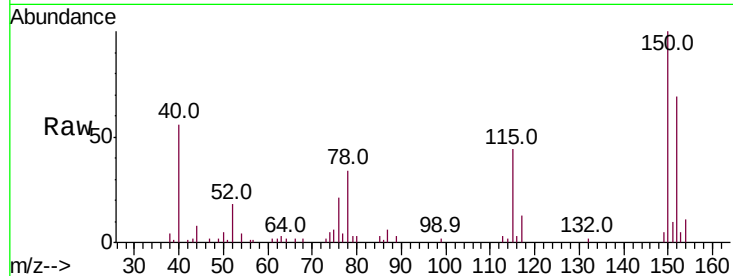


#1

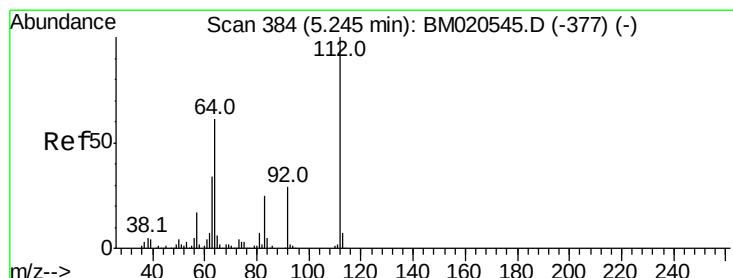
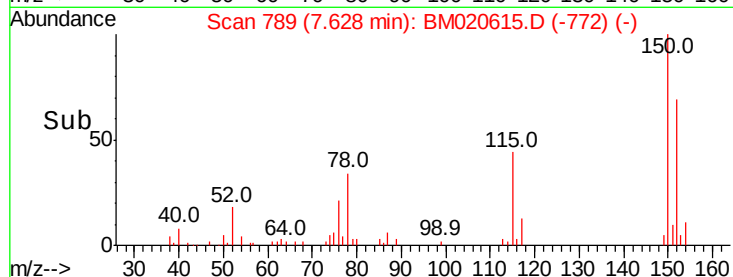
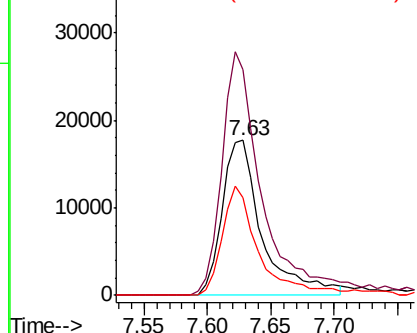
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-D-B

Tot Ion:152 Resp: 38707
 Ion Ratio Lower Upper
 152 100
 150 145.7 126.6 190.0
 115 63.5 46.6 70.0



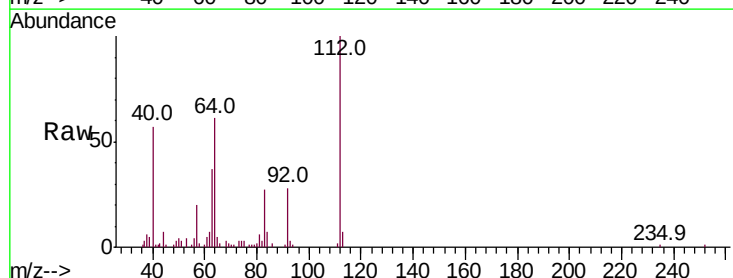
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



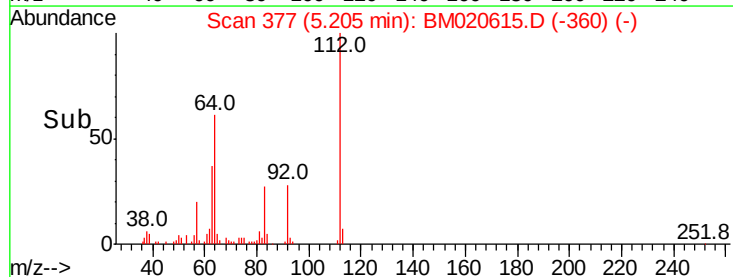
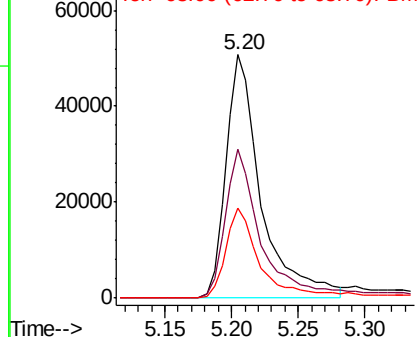
#5

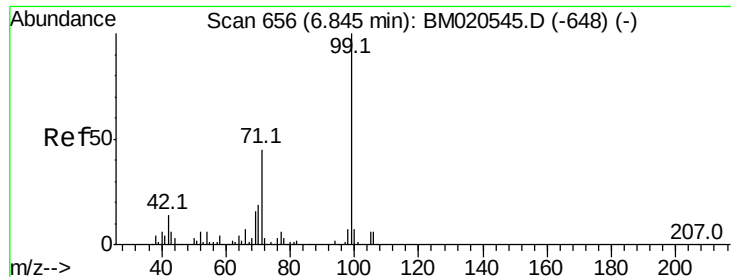
2-Fluorophenol
 Concen: 47.673 ng
 RT: 5.20 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

Tgt Ion:112 Resp: 94059
 Ion Ratio Lower Upper
 112 100
 64 61.4 48.6 73.0
 63 36.8 27.4 41.0



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: 21.678 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Instrument :

BNA_M

ClientSampleId :

052319-SBOA-E-D-B

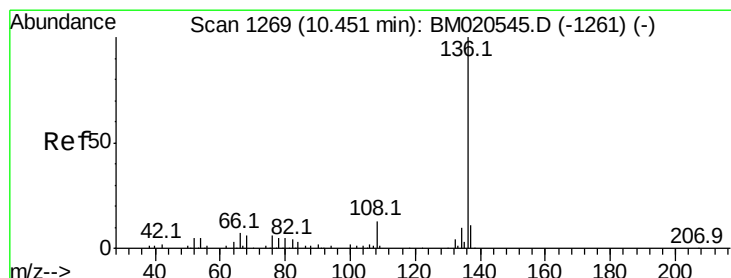
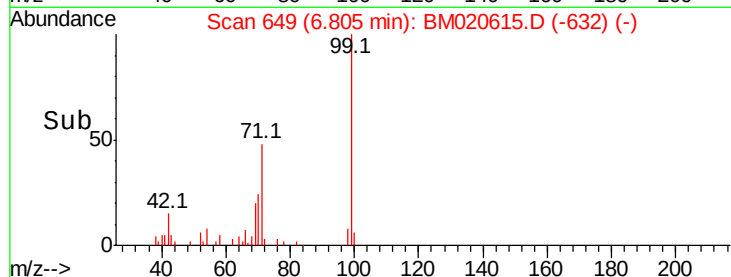
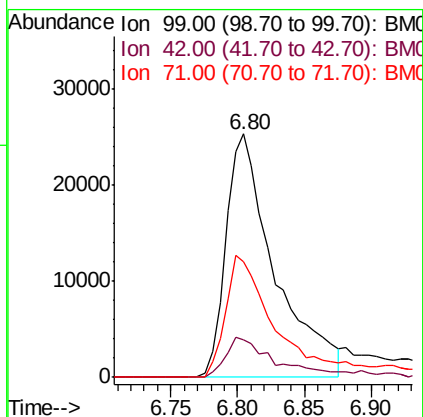
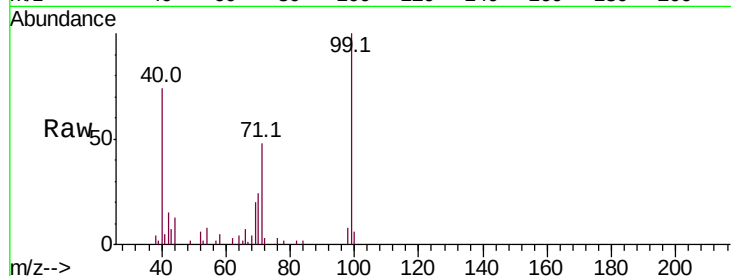
Tot Ion: 99 Resp: 64555

Ion Ratio Lower Upper

99 100

42 15.3 10.8 16.2

71 47.6 36.3 54.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Tgt Ion: 136 Resp: 121194

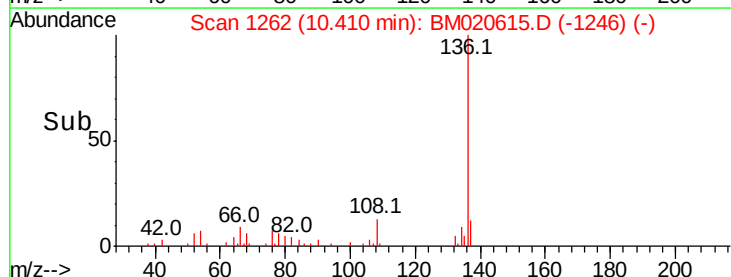
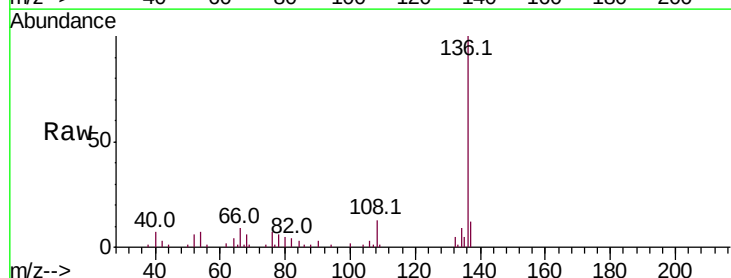
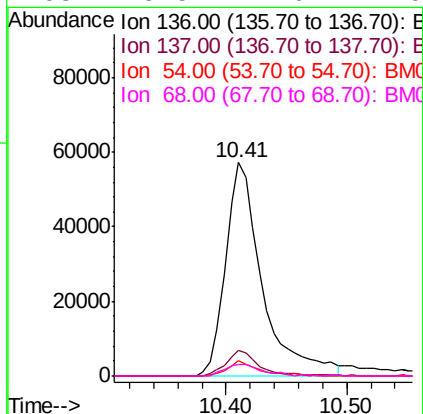
Ion Ratio Lower Upper

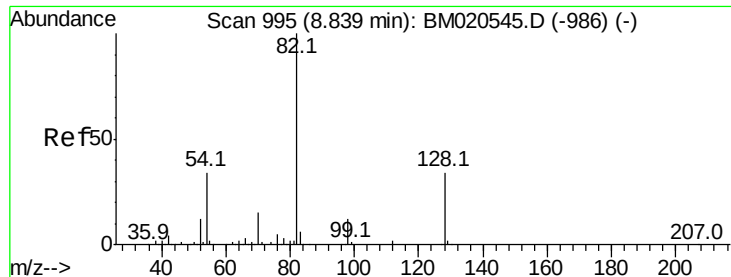
136 100

137 11.9 8.4 12.6

54 7.1 4.2 6.4#

68 5.5 4.6 7.0

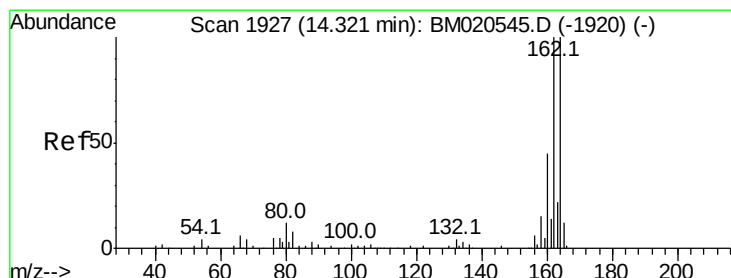
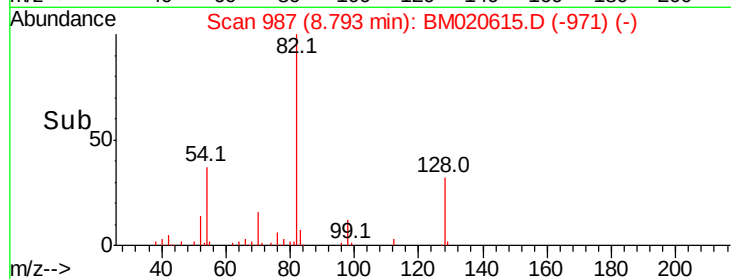
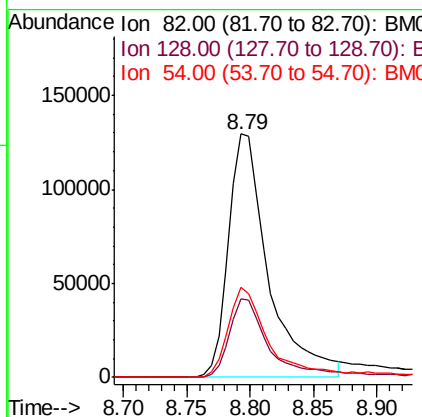
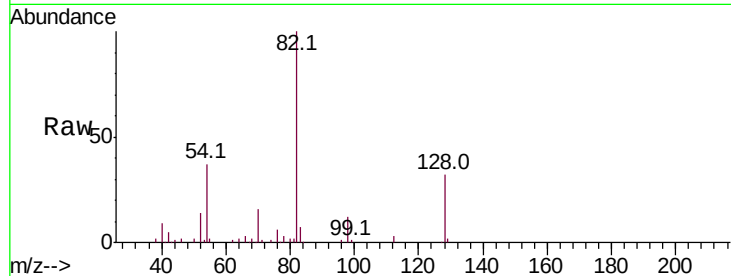




#23
 Nitrobenzene-d5
 Concen: 98.350 ng
 RT: 8.79 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

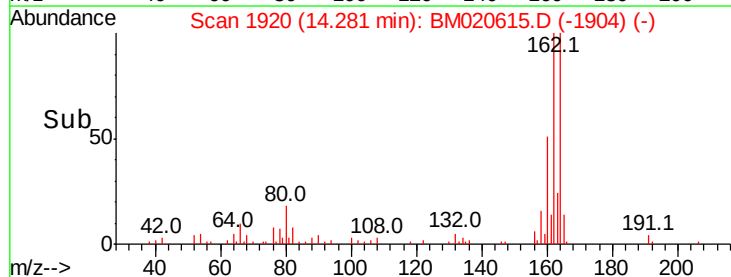
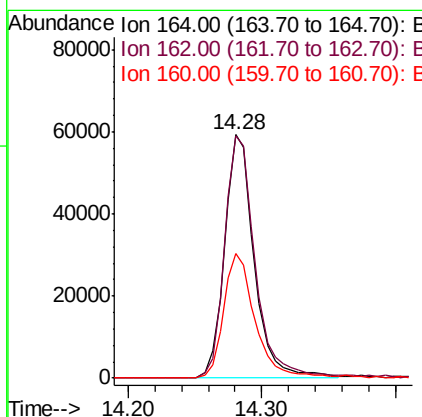
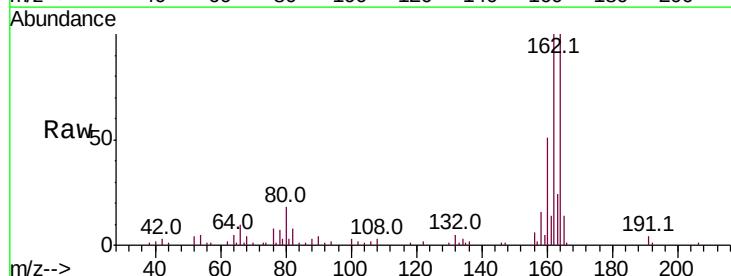
Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-D-B

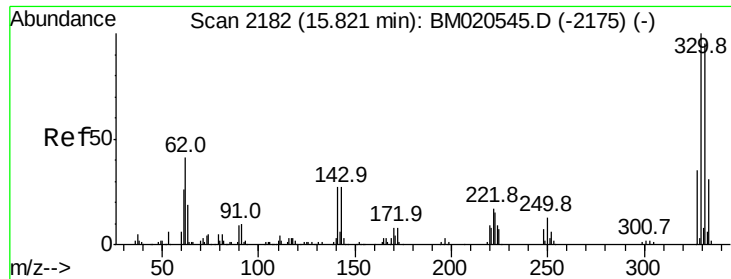
Tot Ion	82	Resp	283980
Ion Ratio	Lower	Upper	
82	100		
128	32.1	27.0	40.4
54	37.0	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

Tgt Ion	164	Resp	92589
Ion Ratio	Lower	Upper	
164	100		
162	99.6	79.8	119.8
160	51.1	35.9	53.9

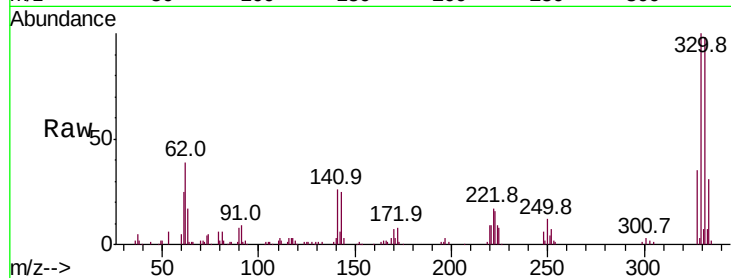




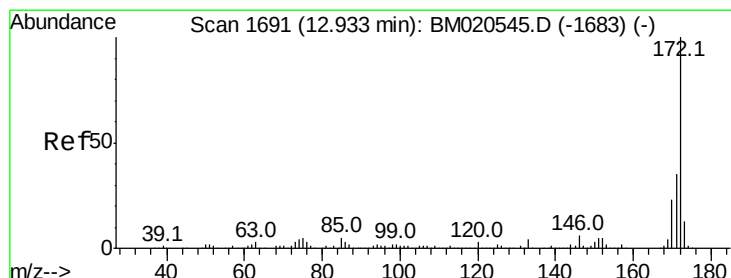
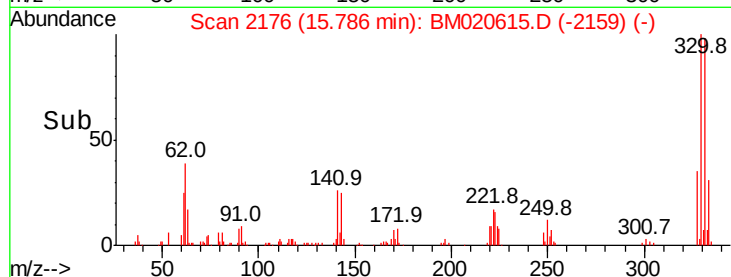
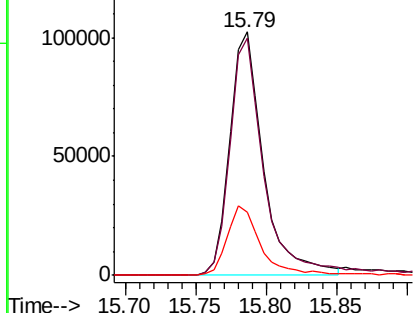
#42
 2,4,6-Tribromophenol
 Concen: 92.008 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

Instrument :
 BNA_M
 ClientSampleId :
 052319-SBOA-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	28.4	21.7	32.5

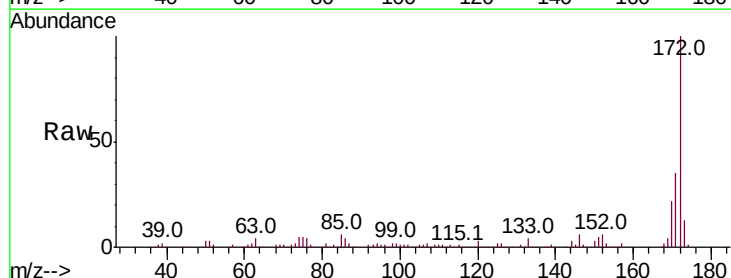


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

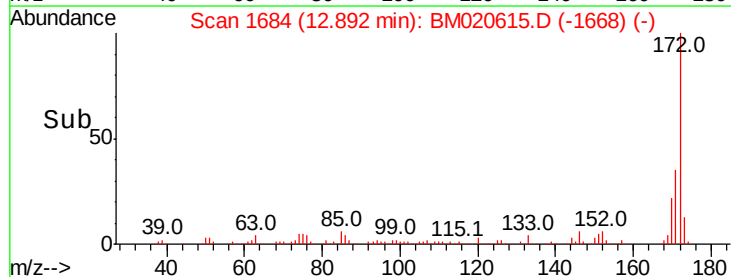
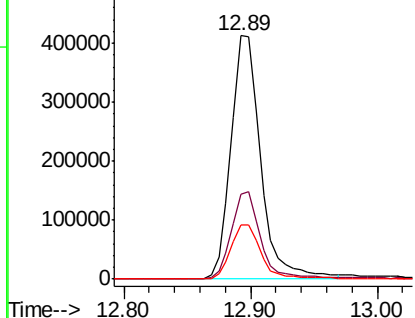


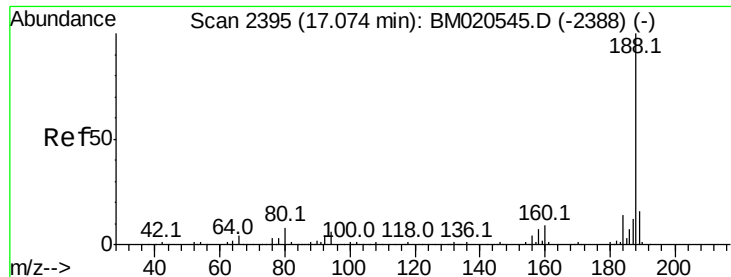
#45
 2-Fluorobiphenyl
 Concen: 91.213 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM020615.D
 Acq: 30 May 2019 01:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	22.4	18.2	27.4



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

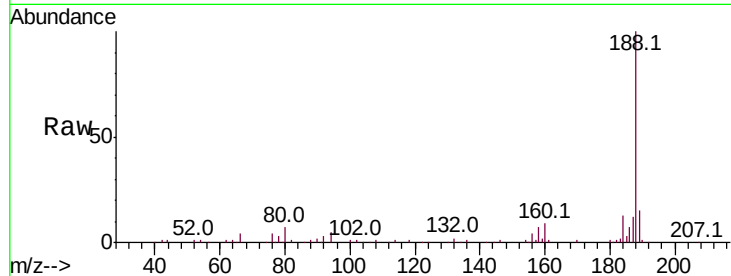




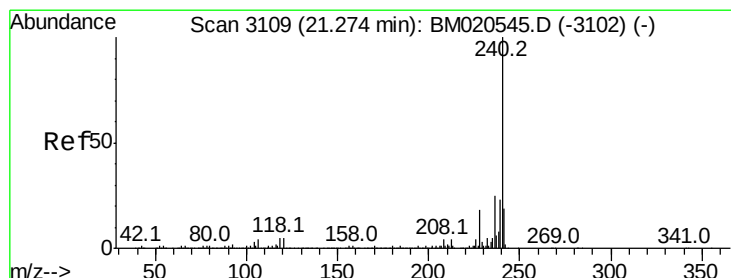
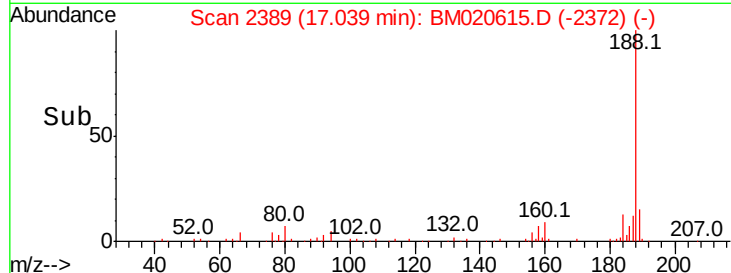
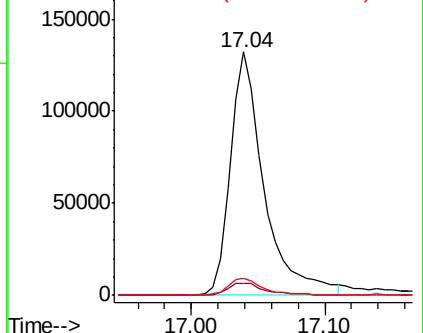
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Instrument :
BNA_M
ClientSampleId :
052319-SBOA-E-D-B

Tot Ion:188 Resp: 233960
Ion Ratio Lower Upper
188 100
94 5.0 5.0 7.4
80 7.0 6.5 9.7

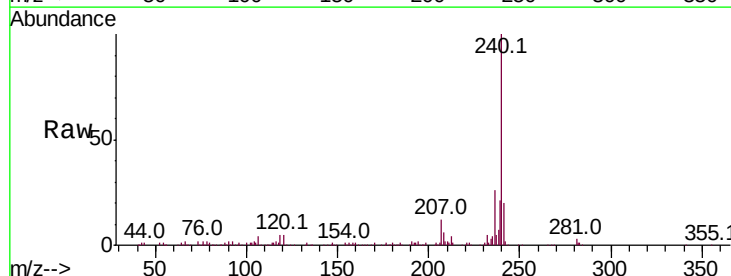


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

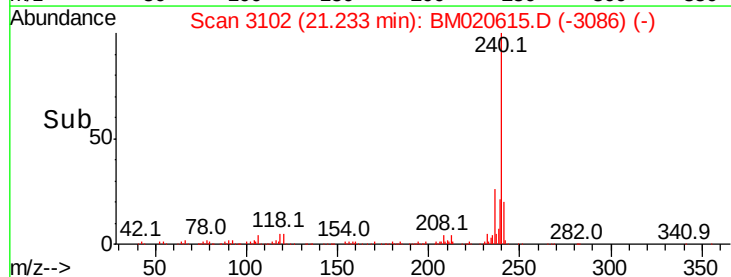
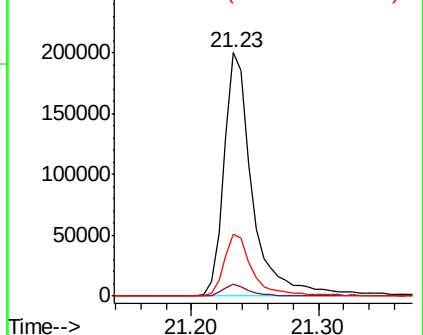


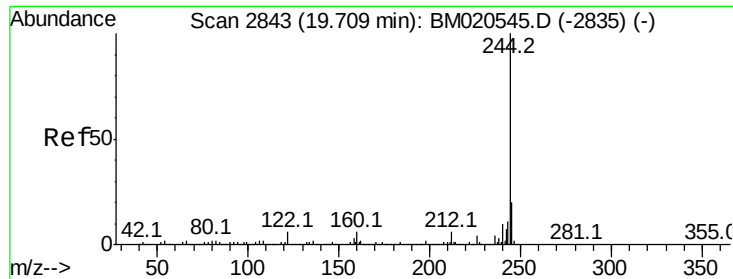
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM020615.D
Acq: 30 May 2019 01:54

Tgt Ion:240 Resp: 308607
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 25.6 20.2 30.4



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: 92.131 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

Instrument :

BNA_M

ClientSampleId :

052319-SBOA-E-D-B

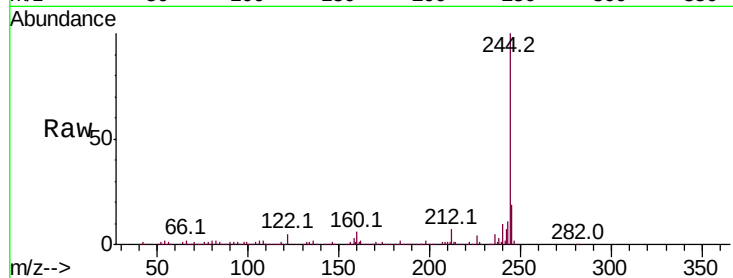
Tot Ion:244 Resp: 1572776

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.6

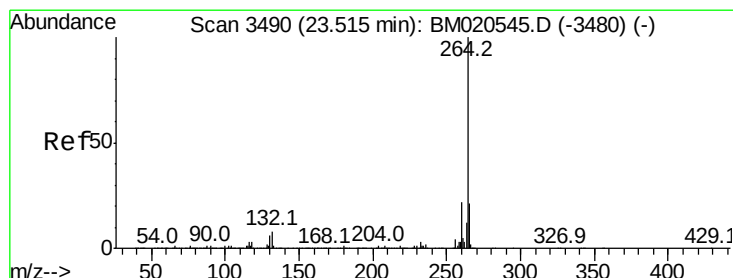
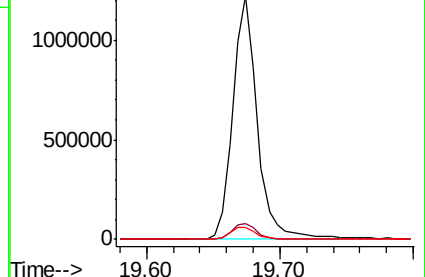
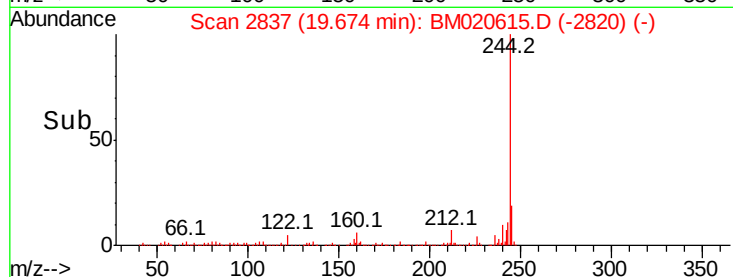
122 5.1 4.6 7.0



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: 23.46 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM020615.D

Acq: 30 May 2019 01:54

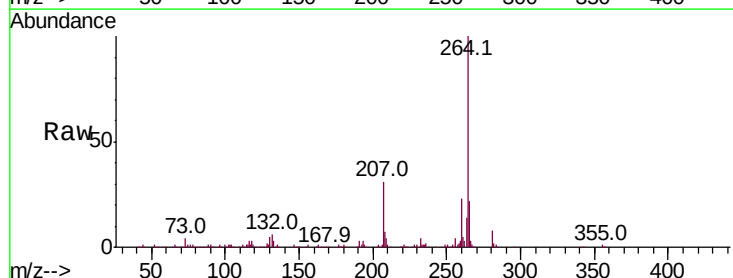
Tgt Ion:264 Resp: 364463

Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 21.7 17.4 26.2



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

