

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020619.D
 Acq On : 30 May 2019 04:19
 Operator : JU/SJ
 Sample : K3050-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 30 05:30:04 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	7.62	152	32342	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	94127	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	71463	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	180973	20.00	ng	0.00
76) Chrysene-d12	21.23	240	249686	20.00	ng	0.00
87) Perylene-d12	23.46	264	302954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	67437	40.91	ng	0.00
7) Phenol-d6	6.80	99	44376	17.83	ng	0.00
23) Nitrobenzene-d5	8.79	82	212281	94.66	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	120370	84.07	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	493119	86.59	ng	0.00
79) Terphenyl-d14	19.67	244	1223016	88.55	ng	0.00

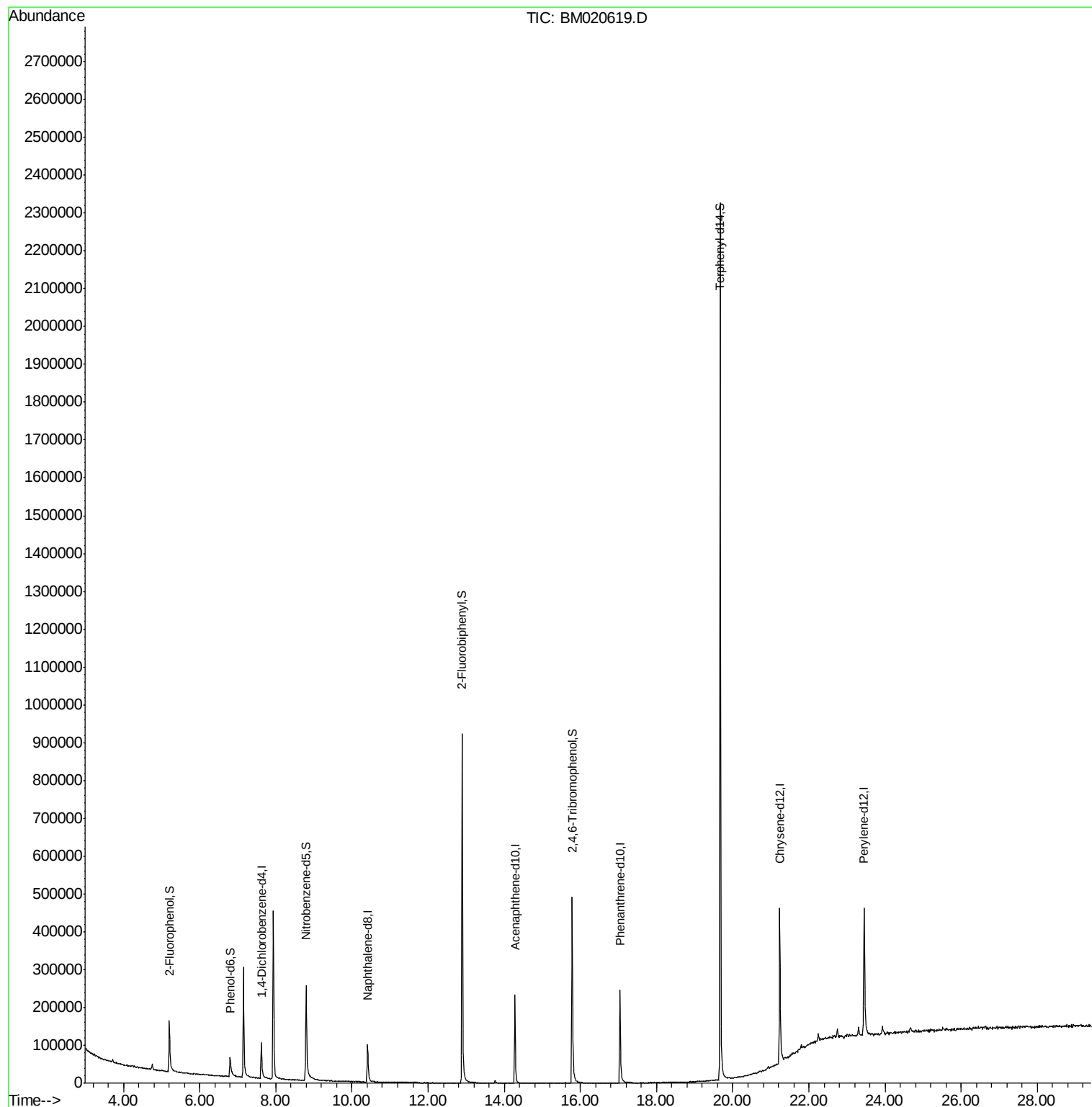
Target Compounds Qvalue

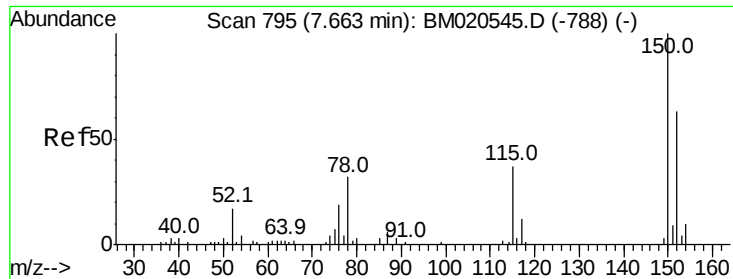
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020619.D
Acq On : 30 May 2019 04:19
Operator : JU/SJ
Sample : K3050-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 30 05:30:04 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



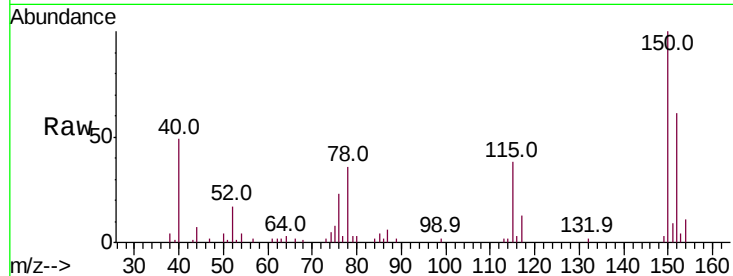


#1

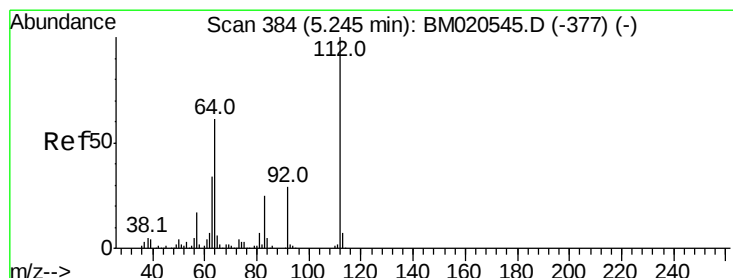
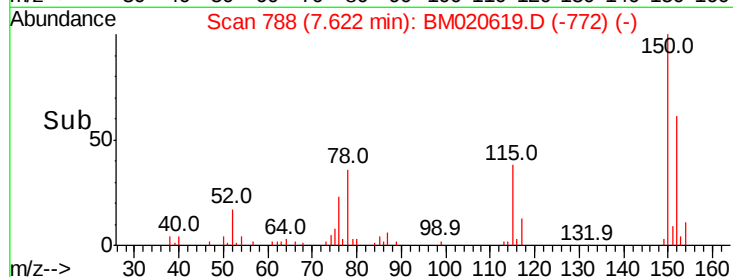
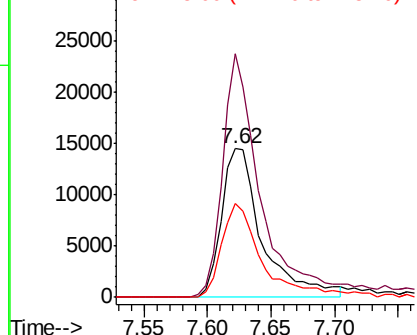
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 32342
Ion Ratio Lower Upper
152 100
150 164.2 126.6 190.0
115 63.0 46.6 70.0



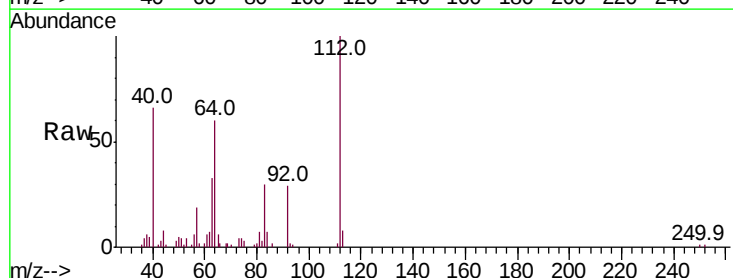
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



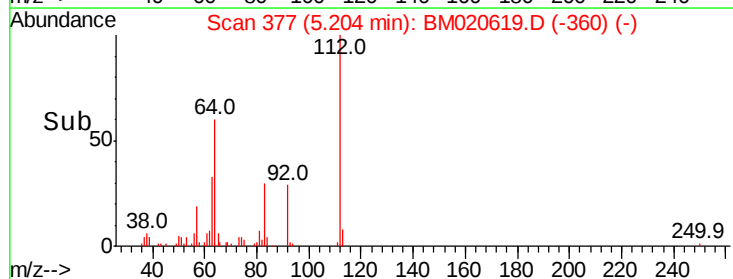
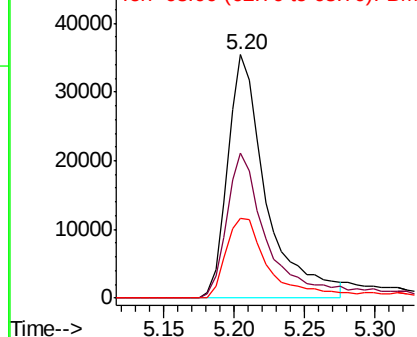
#5

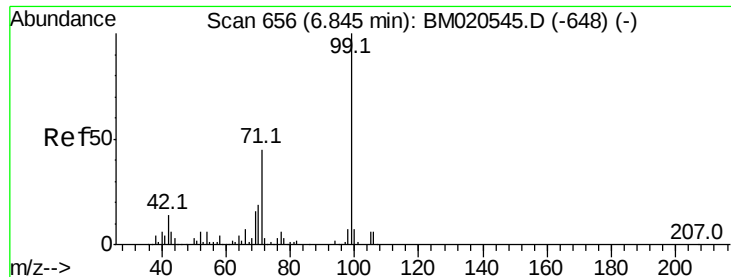
2-Fluorophenol
Concen: 40.906 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020619.D
Acq: 30 May 2019 04:19

Tgt Ion:112 Resp: 67437
Ion Ratio Lower Upper
112 100
64 59.5 48.6 73.0
63 32.8 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: 17.834 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

ClientSampled :

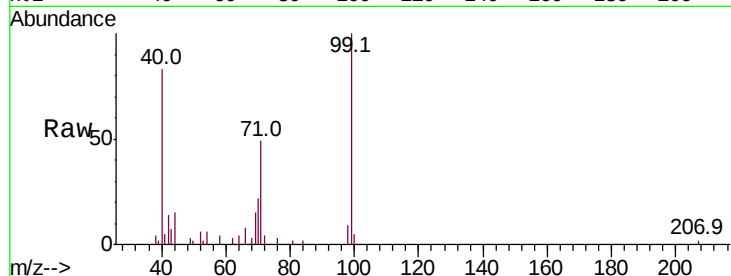
Tot Ion: 99 Resp: 44376

Ion Ratio Lower Upper

99 100

42 14.3 10.8 16.2

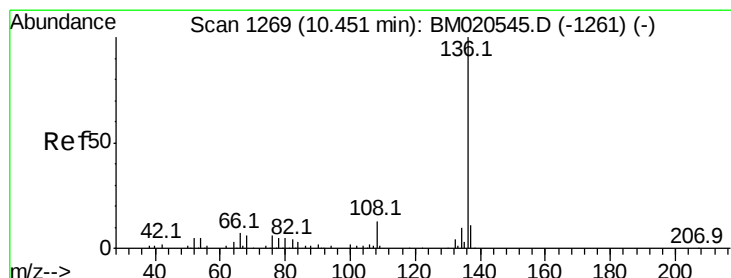
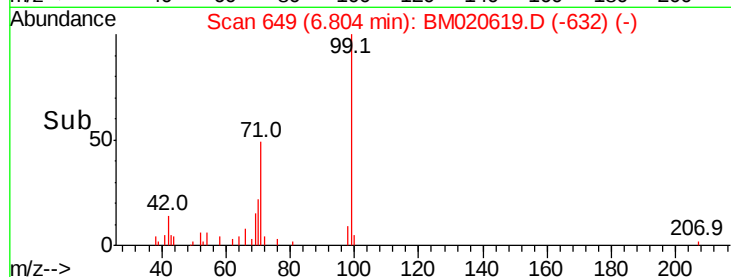
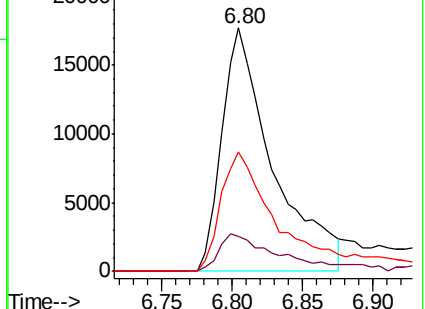
71 49.1 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Tgt Ion: 136 Resp: 94127

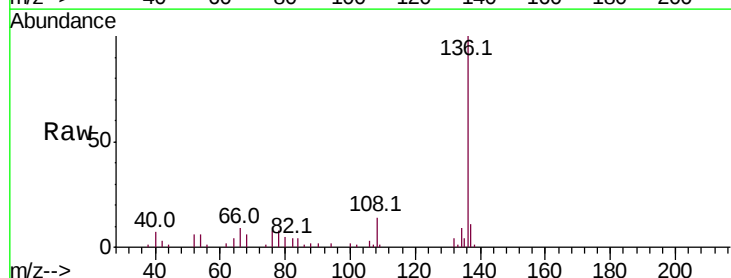
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 5.9 4.2 6.4

68 5.7 4.6 7.0

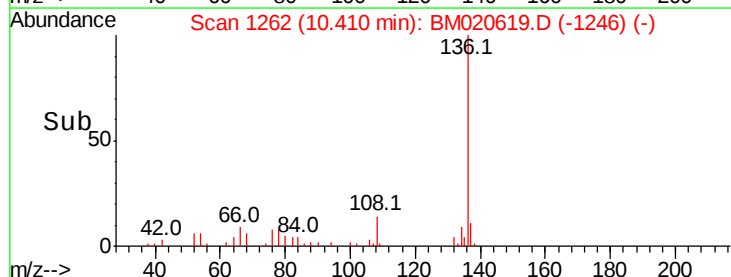
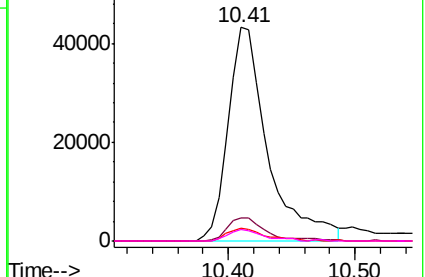


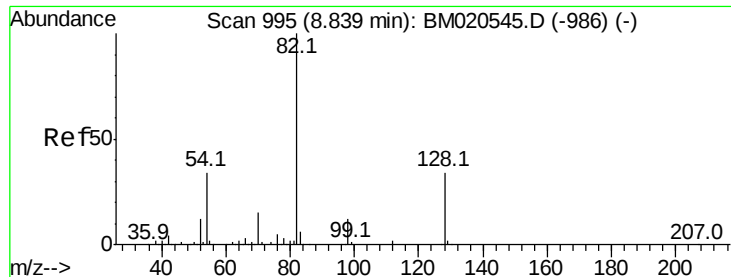
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

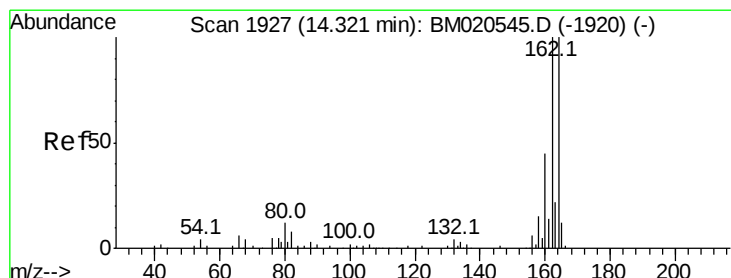
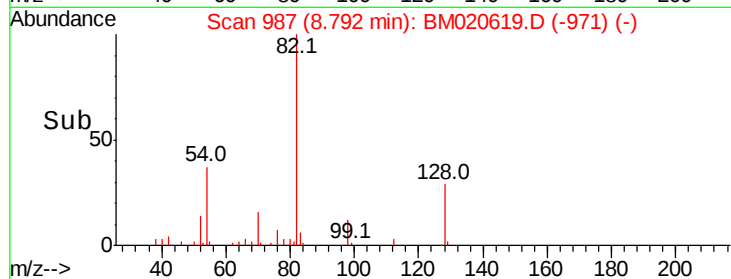
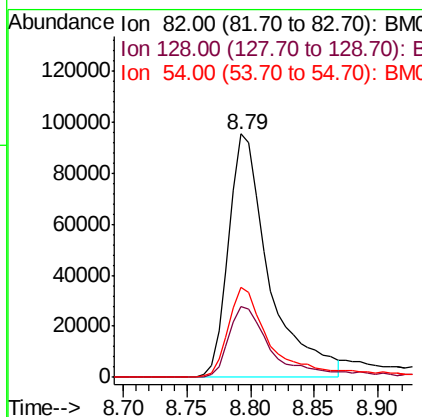
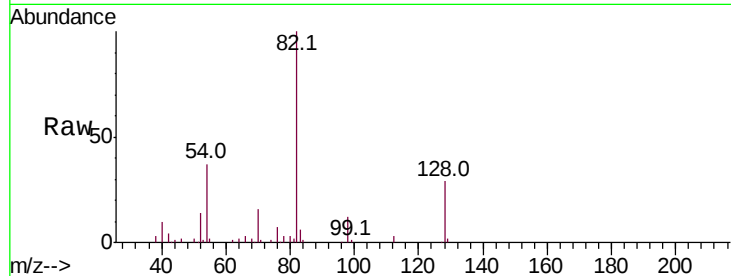




#23
 Nitrobenzene-d5
 Concen: 94.660 ng
 RT: 8.79 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

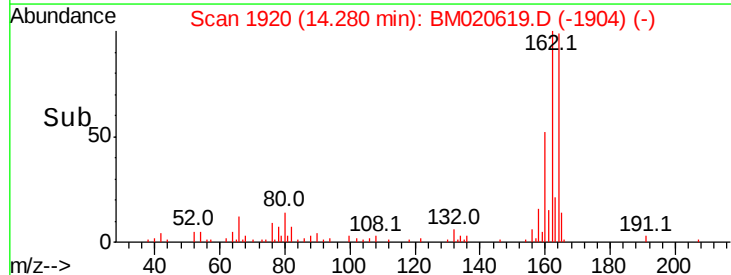
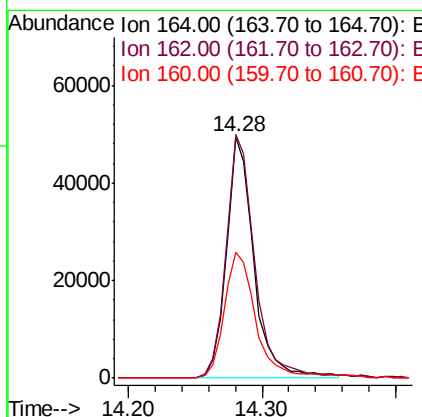
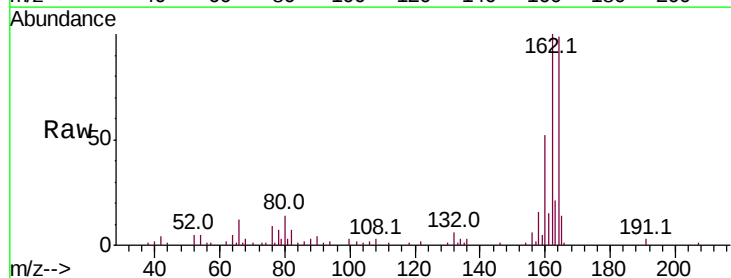
Instrument :
 BNA_M
 ClientSampleId :

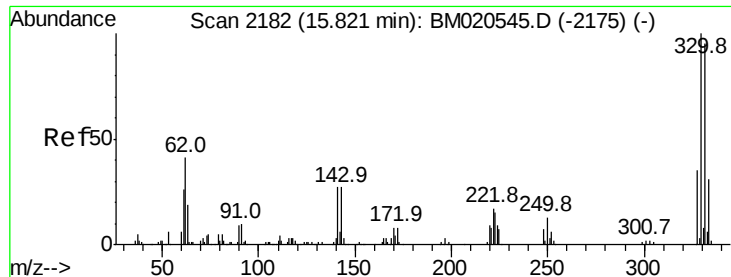
Tot Ion: 82 Resp: 212281
 Ion Ratio Lower Upper
 82 100
 128 29.0 27.0 40.4
 54 37.1 27.4 41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

Tgt Ion: 164 Resp: 71463
 Ion Ratio Lower Upper
 164 100
 162 100.9 79.8 119.8
 160 52.4 35.9 53.9

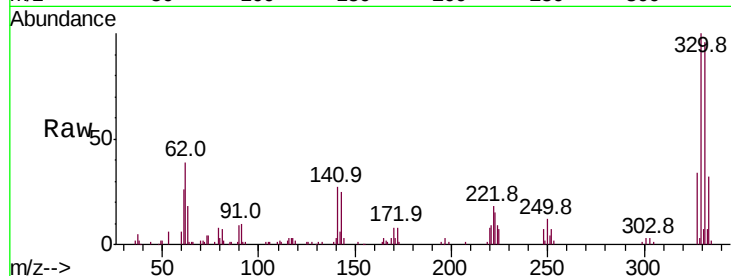




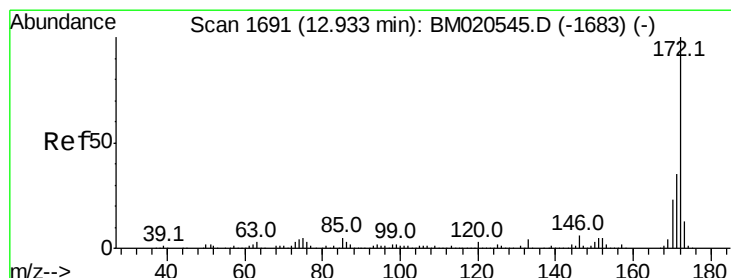
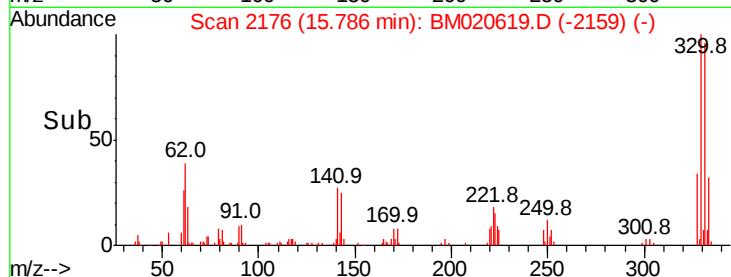
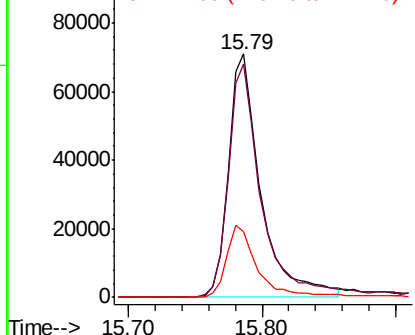
#42
 2,4,6-Tribromophenol
 Concen: 84.073 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	28.3	21.7	32.5

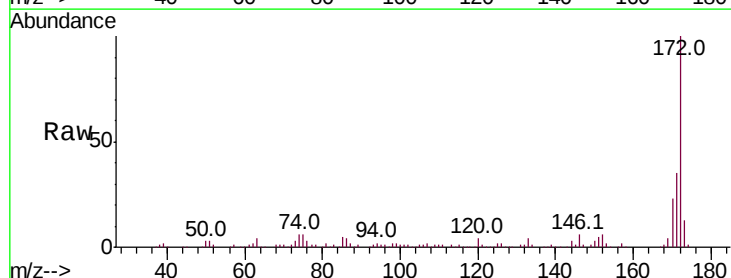


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

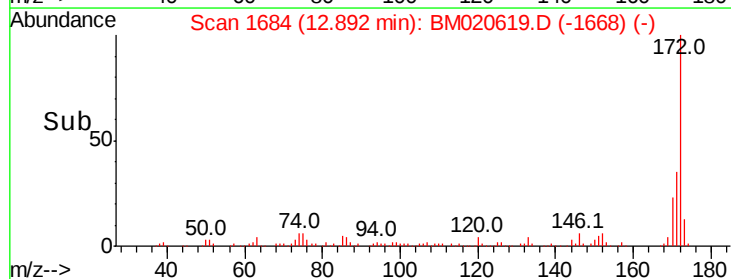
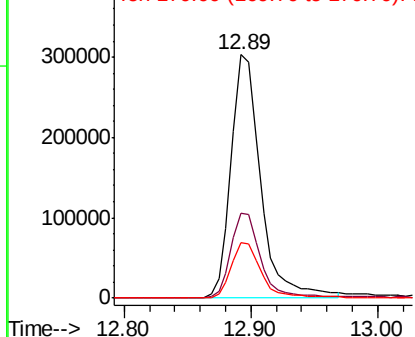


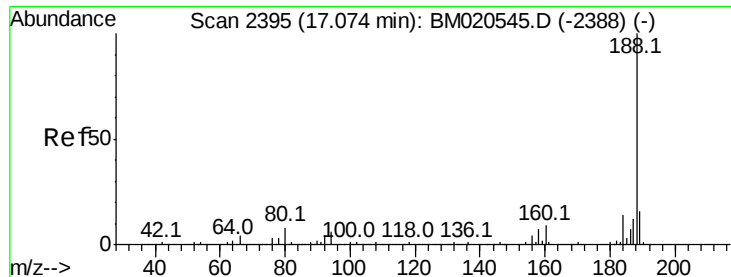
#45
 2-Fluorobiphenyl
 Concen: 86.586 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM020619.D
 Acq: 30 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	22.6	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: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

ClientSampleId :

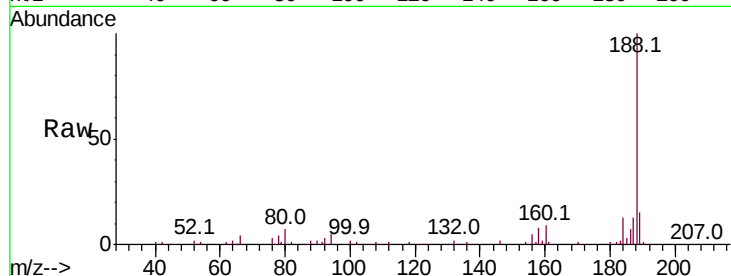
Tot Ion:188 Resp: 180973

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.4

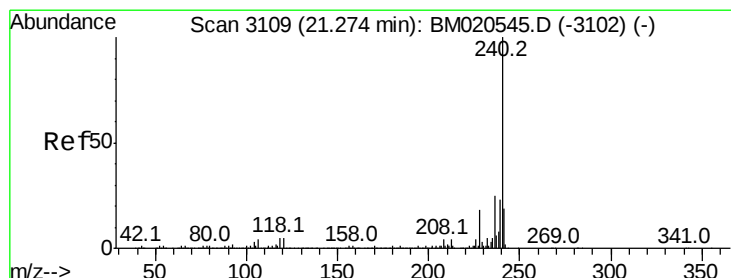
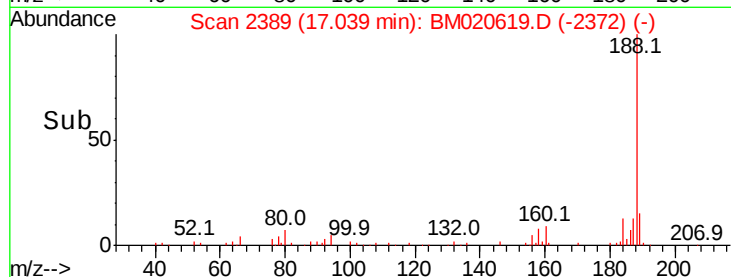
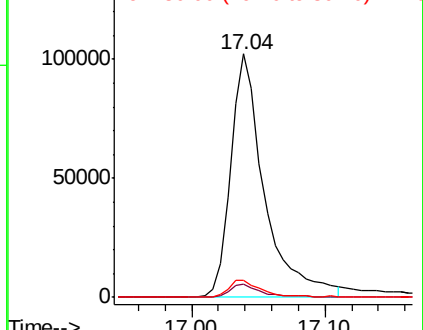
80 7.0 6.5 9.7



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: BM020619.D

Acq: 30 May 2019 04:19

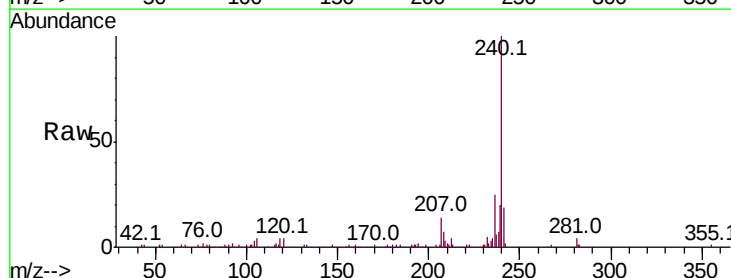
Tgt Ion:240 Resp: 249686

Ion Ratio Lower Upper

240 100

120 3.8 4.1 6.1#

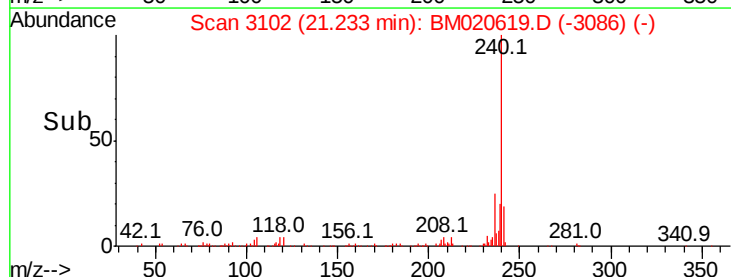
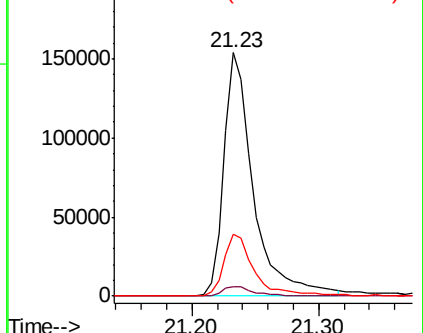
236 25.4 20.2 30.4

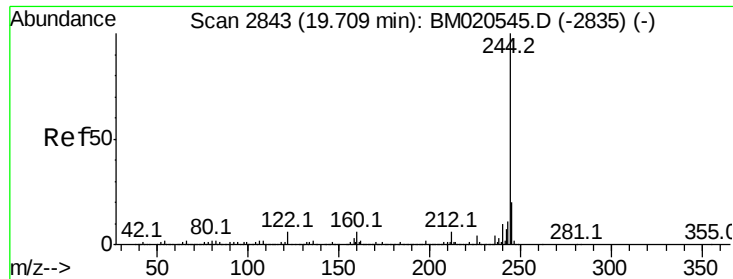


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.549 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

Instrument :

BNA_M

ClientSampleId :

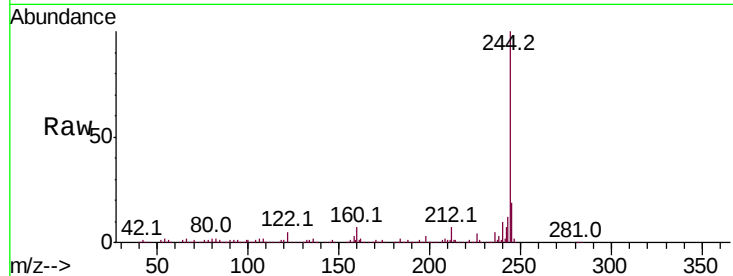
Tot Ion:244 Resp: 1223016

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.6
122	4.9	4.6	7.0

244 100

212 7.1 5.0 7.6

122 4.9 4.6 7.0



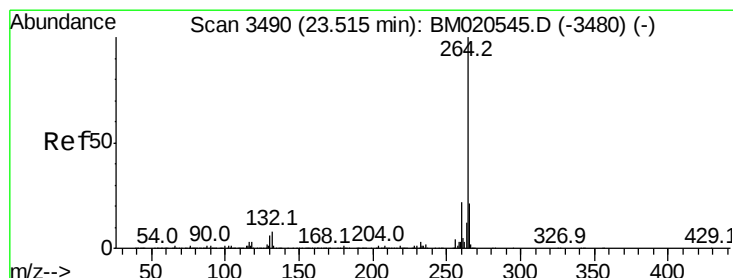
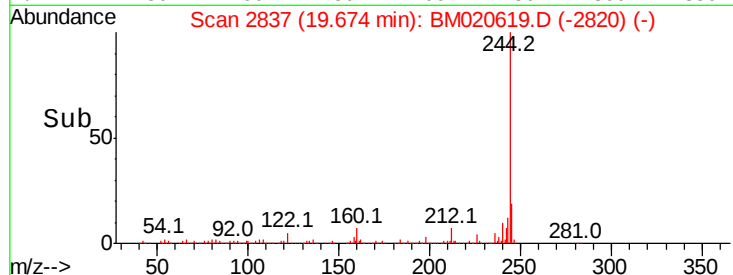
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.67

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM020619.D

Acq: 30 May 2019 04:19

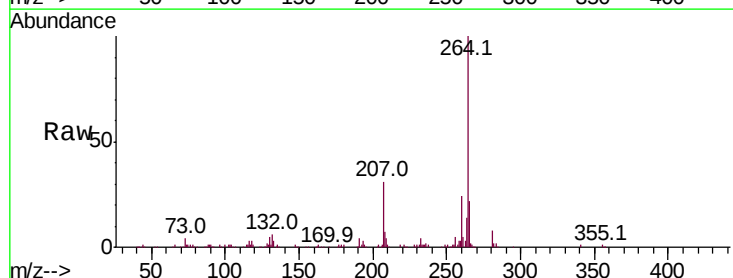
Tgt Ion:264 Resp: 302954

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.7	26.5
265	22.4	17.4	26.2

264 100

260 24.0 17.7 26.5

265 22.4 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

23.46

Time-->

