

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020621.D
 Acq On : 30 May 2019 05:31
 Operator : JU/SJ
 Sample : K2433-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-04-002-ABCD

Quant Time: May 30 06:06:21 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

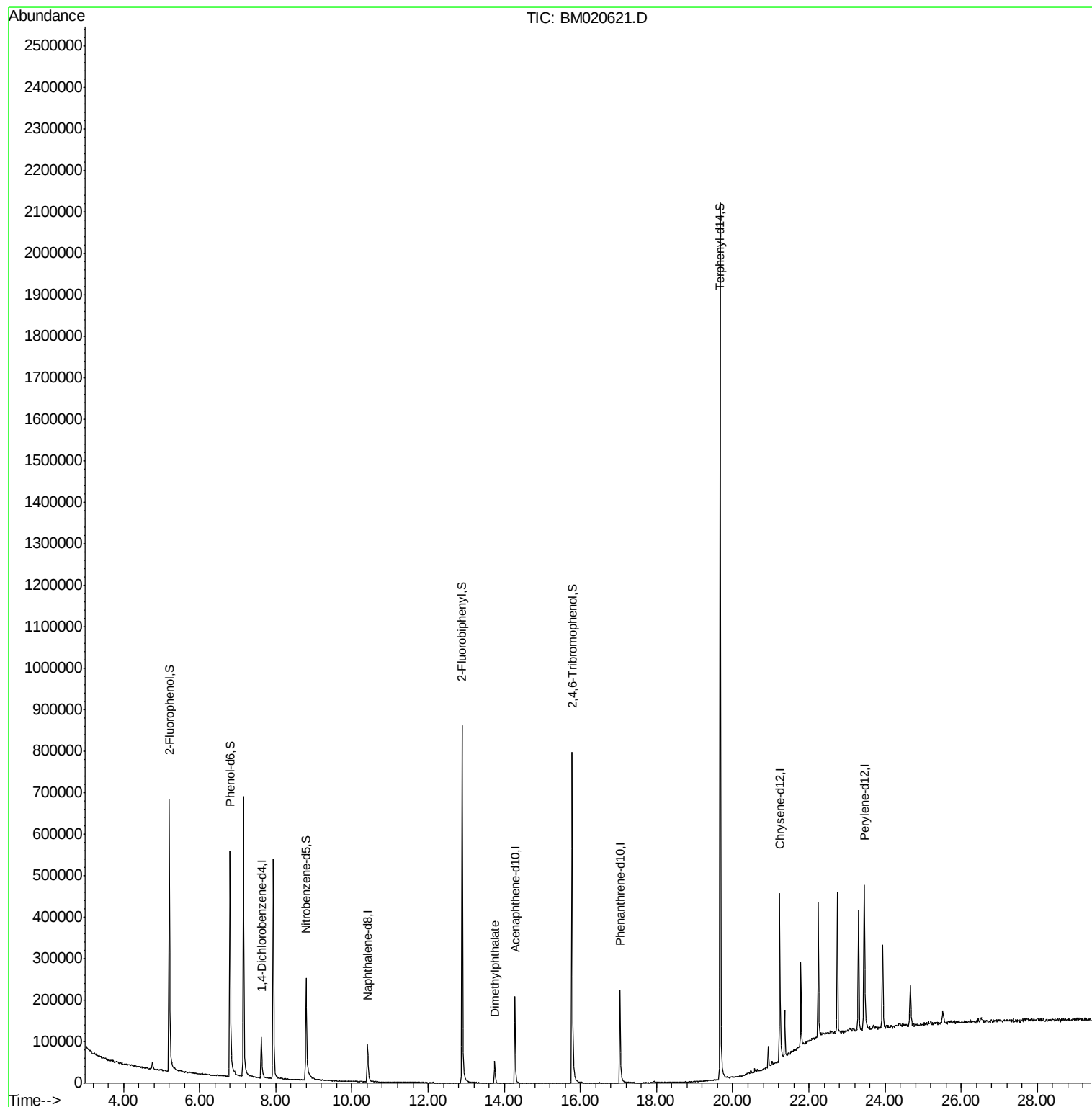
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	32600	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	88629	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	66456	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	160253	20.00	ng	0.00
76) Chrysene-d12	21.23	240	237043	20.00	ng	0.00
87) Perylene-d12	23.46	264	311228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	271203	163.21	ng	0.00
7) Phenol-d6	6.80	99	327942	130.75	ng	0.00
23) Nitrobenzene-d5	8.79	82	204082	96.65	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	180412	135.50	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	465141	87.83	ng	0.00
79) Terphenyl-d14	19.67	244	1061910	80.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	41501	7.050	ng	Qvalue 98

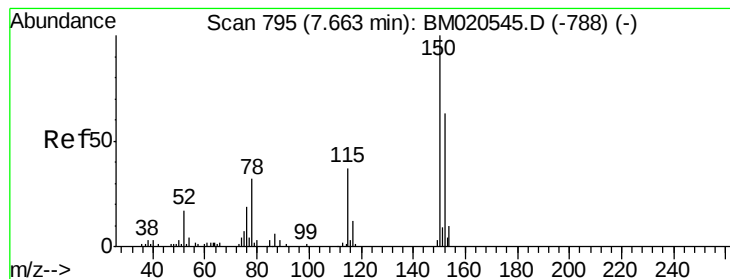
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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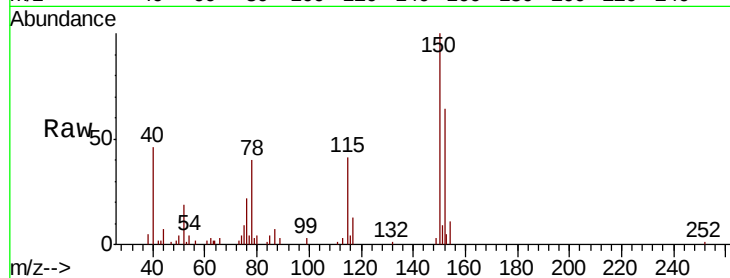


#1

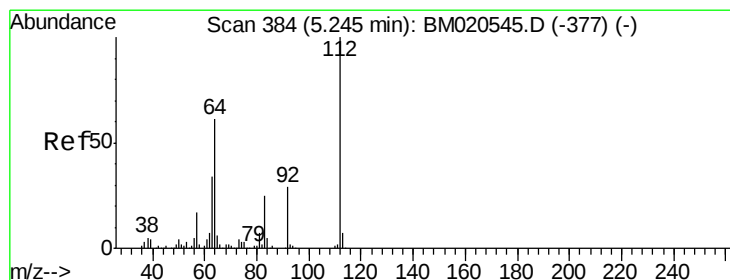
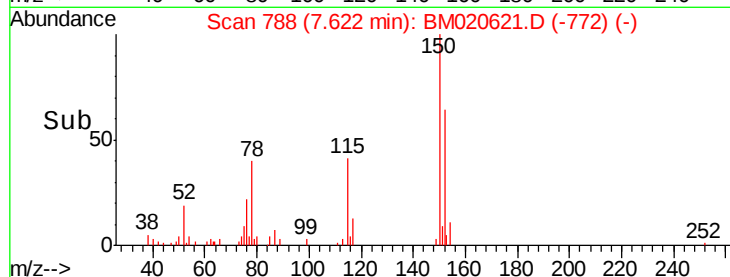
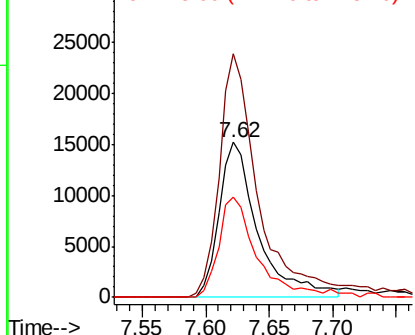
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020621.D
Acq: 30 May 2019 05:31

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-002-ABCD

Tot Ion:152 Resp: 32600
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 65.0 46.6 70.0



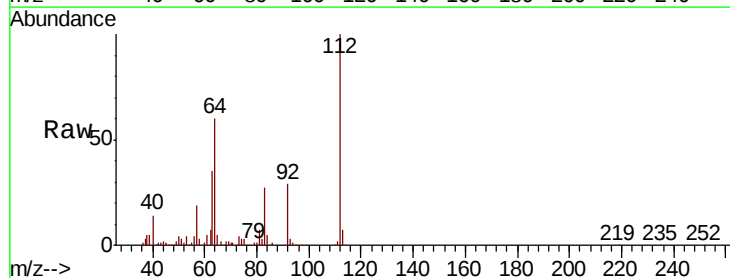
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



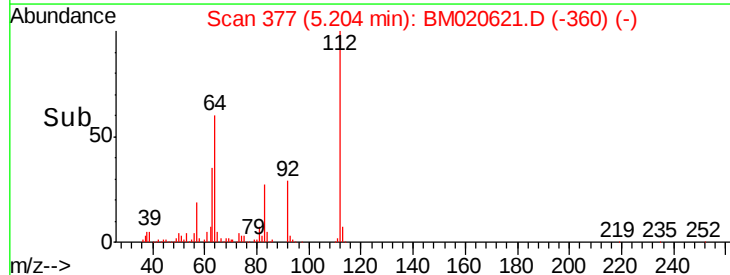
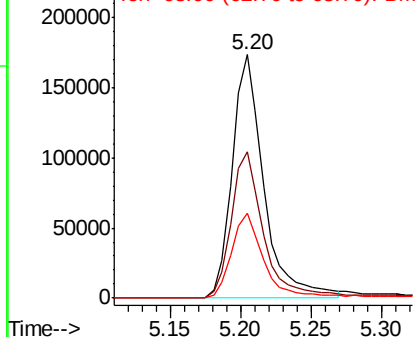
#5

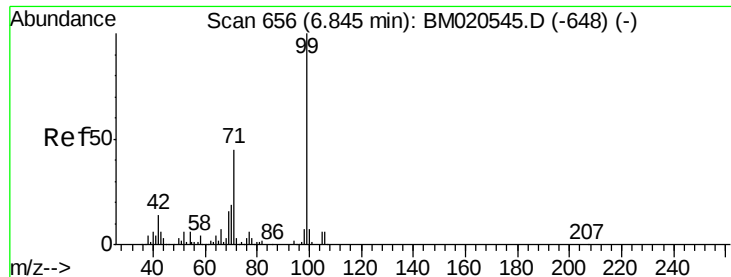
2-Fluorophenol
Concen: 163.206 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020621.D
Acq: 30 May 2019 05:31

Tgt Ion:112 Resp: 271203
Ion Ratio Lower Upper
112 100
64 60.1 48.6 73.0
63 34.7 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: 130.752 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM020621.D

Acq: 30 May 2019 05:31

Instrument :

BNA_M

ClientSampleId :

FK-BPM-04-002-ABCD

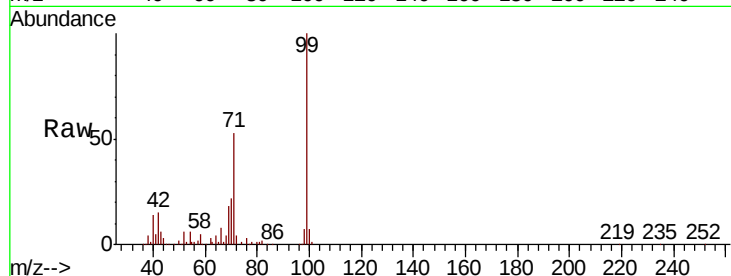
Tot Ion: 99 Resp: 327942

Ion Ratio Lower Upper

99 100

42 15.2 10.8 16.2

71 52.8 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) (-)

6.80

200000

150000

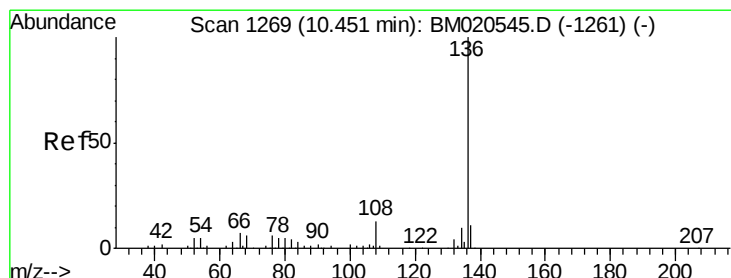
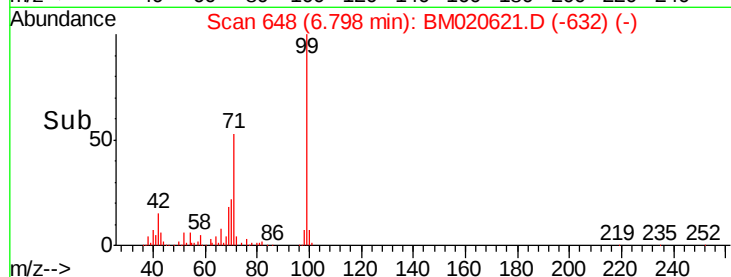
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM020621.D

Acq: 30 May 2019 05:31

Tgt Ion: 136 Resp: 88629

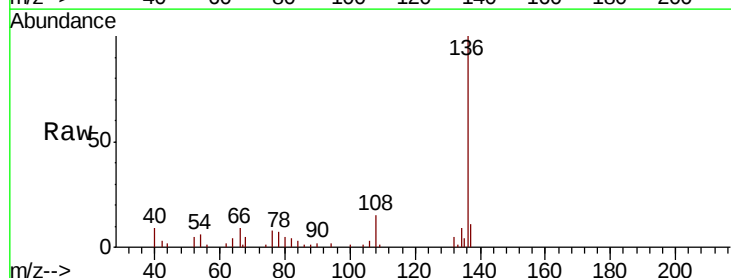
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 6.1 4.2 6.4

68 4.9 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) (-)

10.41

60000

50000

40000

30000

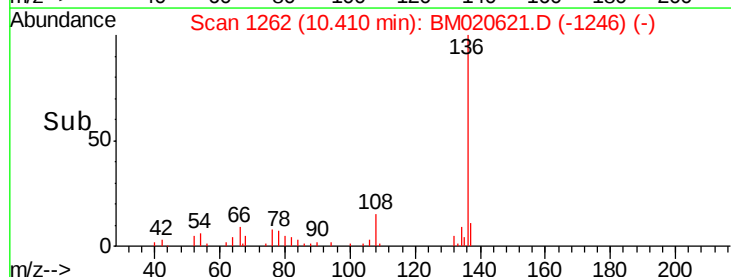
20000

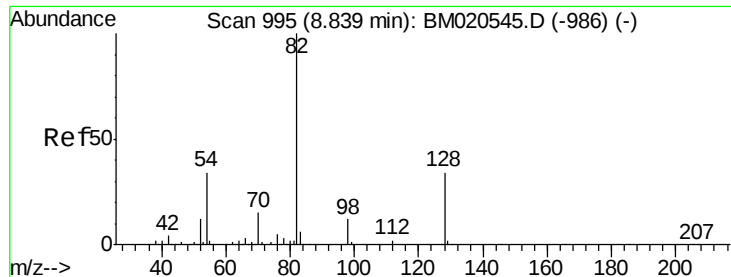
10000

0

10.40 10.50

Time-->

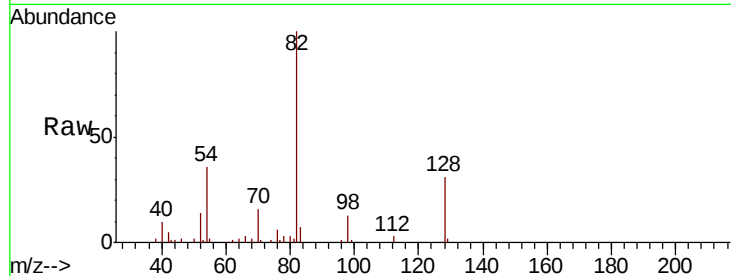




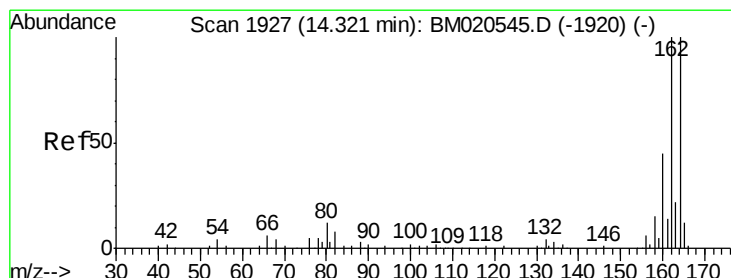
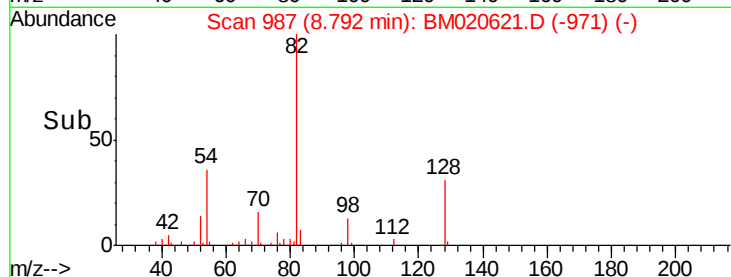
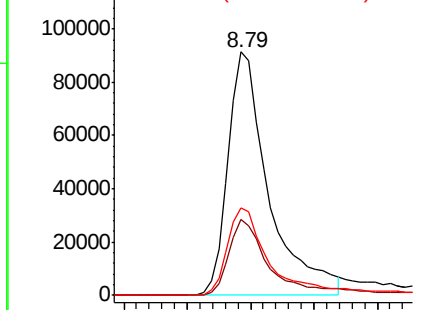
#23
 Nitrobenzene-d5
 Concen: 96.649 ng
 RT: 8.79 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM020621.D
 Acq: 30 May 2019 05:31

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-04-002-ABCD

Tot Ion	82	Resp	204082
Ion Ratio	Lower	Upper	
82	100		
128	31.2	27.0	40.4
54	35.9	27.4	41.2

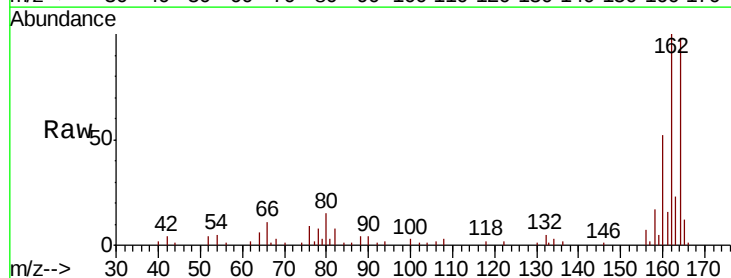


Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

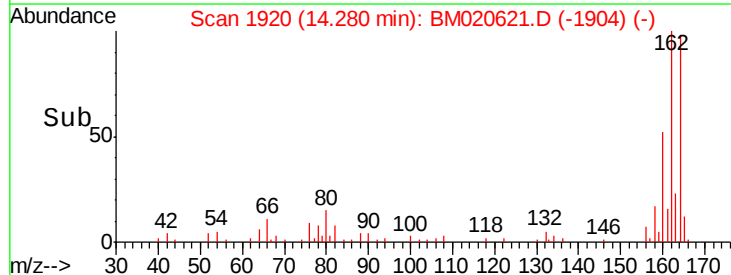
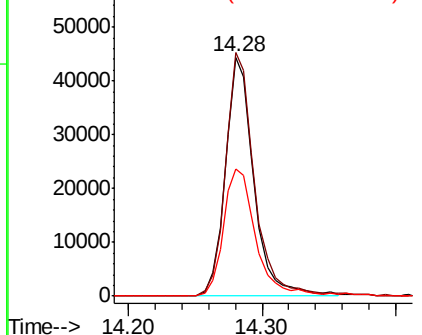


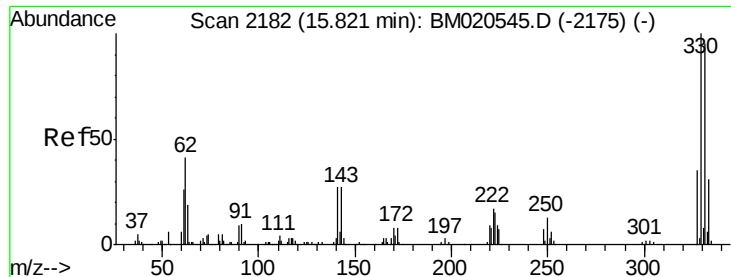
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM020621.D
 Acq: 30 May 2019 05:31

Tgt Ion	164	Resp	66456
Ion Ratio	Lower	Upper	
164	100		
162	101.8	79.8	119.8
160	53.1	35.9	53.9



Abundance Ion 164.00 (163.70 to 164.70): BM020545.D (-1920) (-)

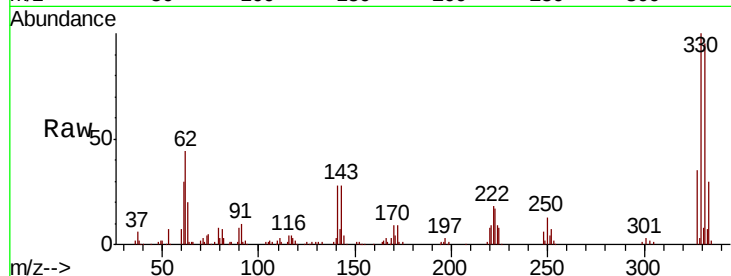




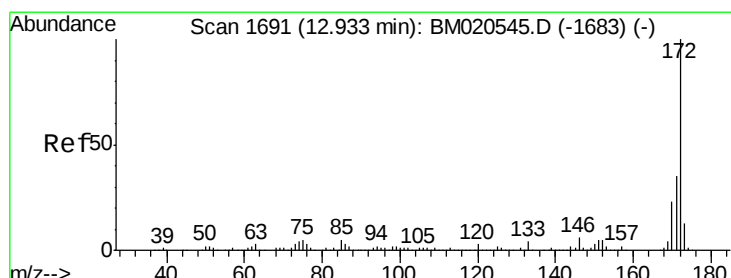
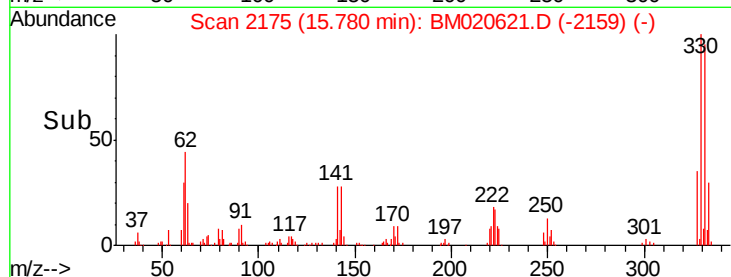
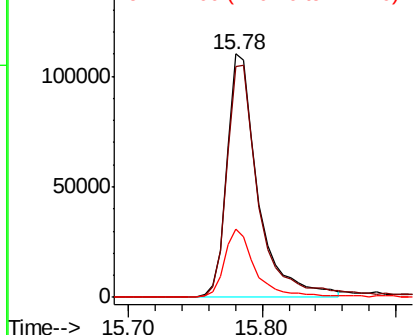
#42
 2,4,6-Tribromophenol
 Concen: 135.503 ng
 RT: 15.78 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BM020621.D
 Acq: 30 May 2019 05:31

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-04-002-ABCD

Tot Ion:330 Resp: 180412
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.5 116.3
 141 27.8 21.7 32.5

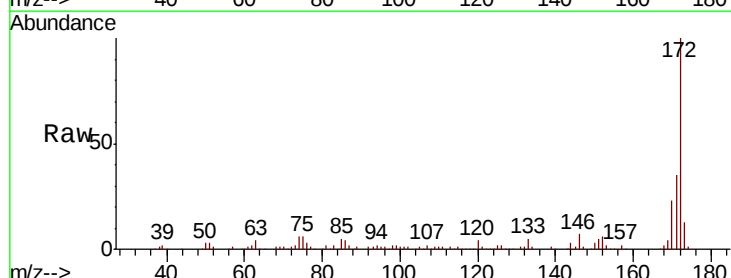


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

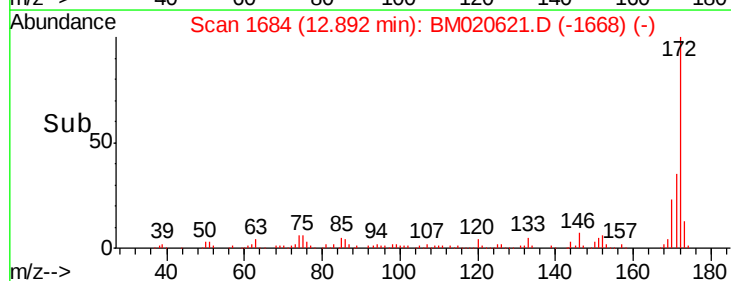
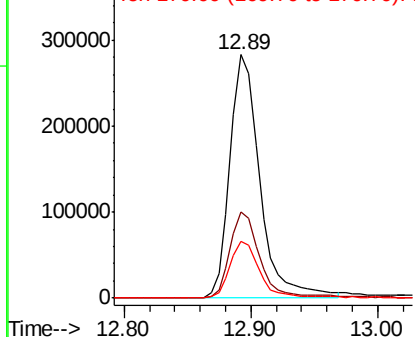


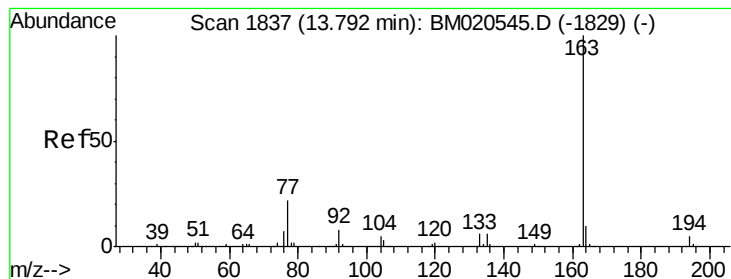
#45
 2-Fluorobiphenyl
 Concen: 87.827 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM020621.D
 Acq: 30 May 2019 05:31

Tgt Ion:172 Resp: 465141
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 23.1 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





#50

Dimethylphthalate

Concen: 7.050 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM020621.D

Acq: 30 May 2019 05:31

Instrument :

BNA_M

ClientSampleId :

FK-BPM-04-002-ABCD

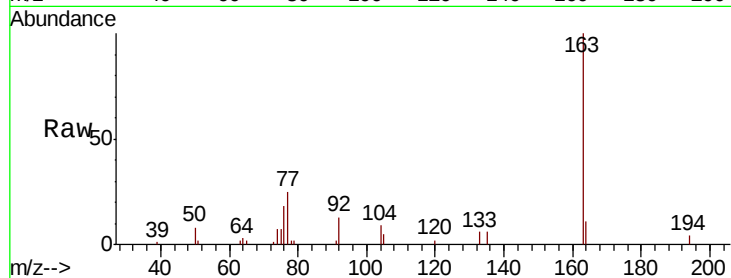
Tot Ion:163 Resp: 41501

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

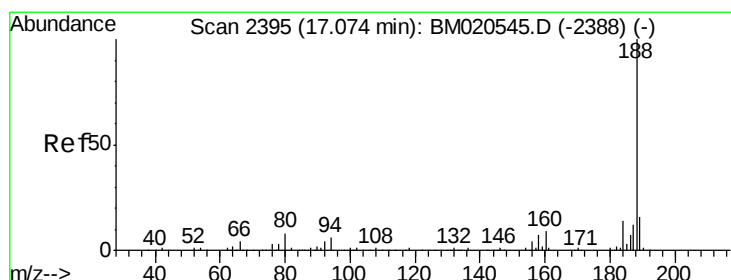
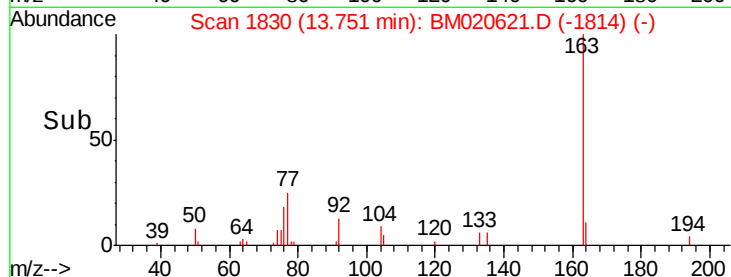
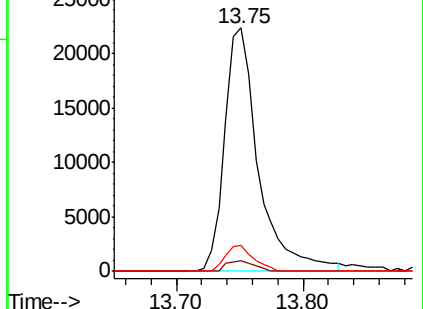
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM020621.D

Acq: 30 May 2019 05:31

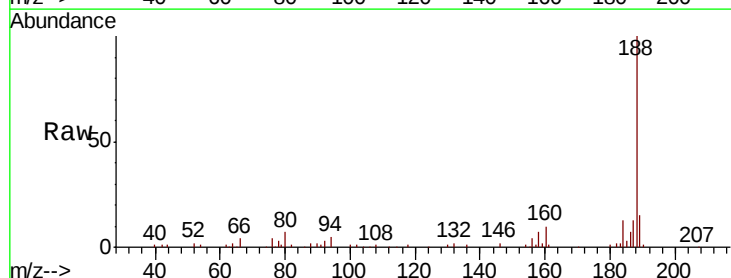
Tgt Ion:188 Resp: 160253

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.4

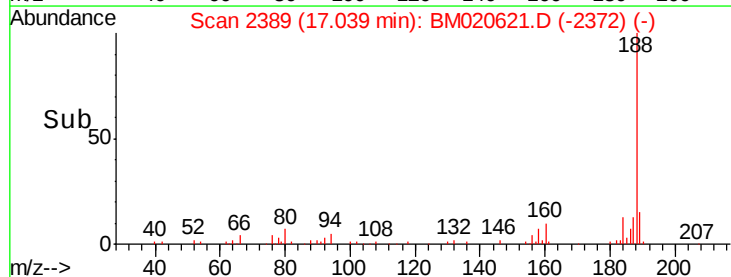
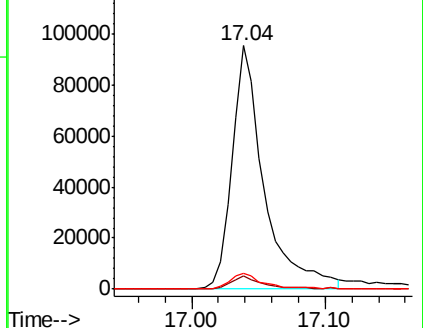
80 6.5 6.5 9.7

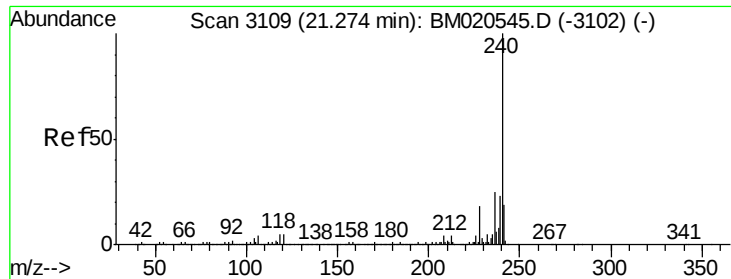


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

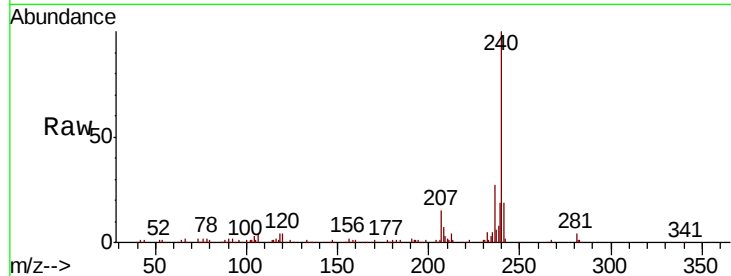




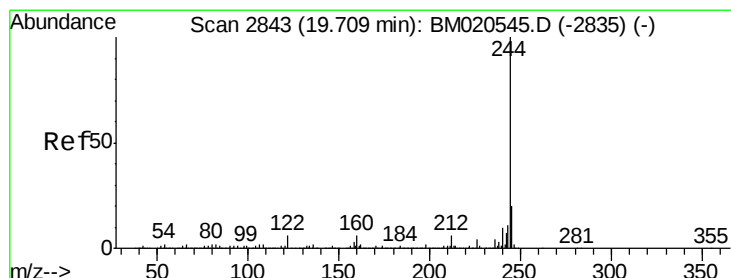
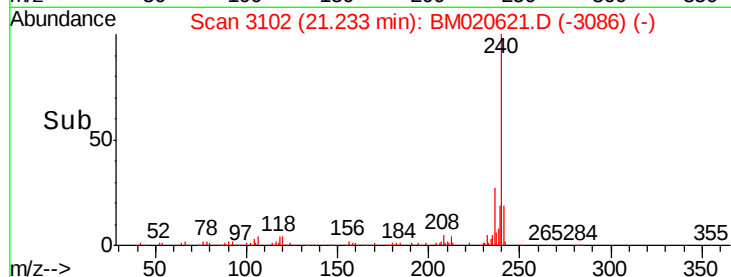
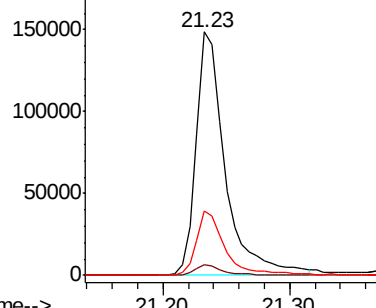
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM020621.D
Acq: 30 May 2019 05:31

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-002-ABCD

Tot Ion:240 Resp: 237043
Ion Ratio Lower Upper
240 100
120 4.4 4.1 6.1
236 26.5 20.2 30.4

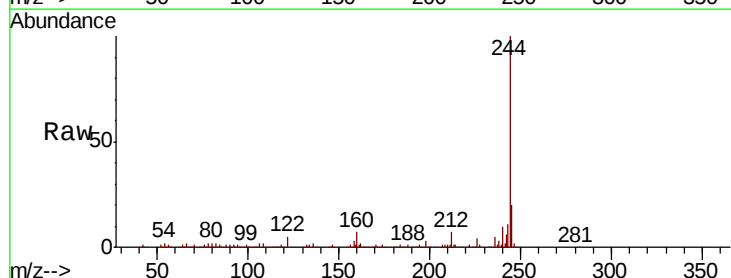


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

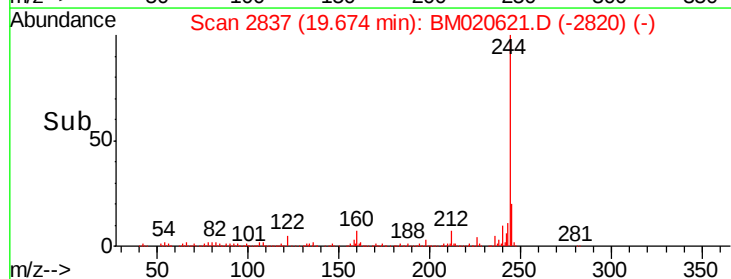
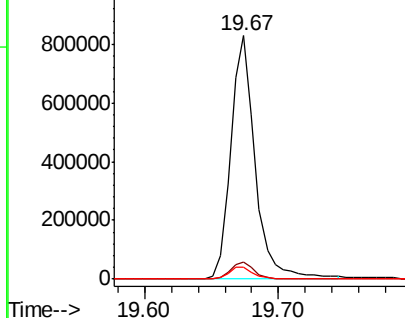


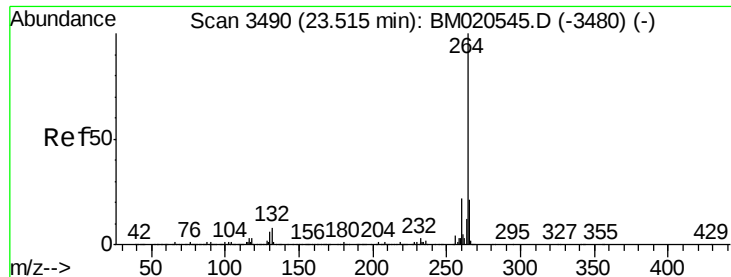
#79
Terphenyl-d14
Concen: 80.985 ng
RT: 19.67 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM020621.D
Acq: 30 May 2019 05:31

Tgt Ion:244 Resp: 1061910
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.6
122 4.8 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

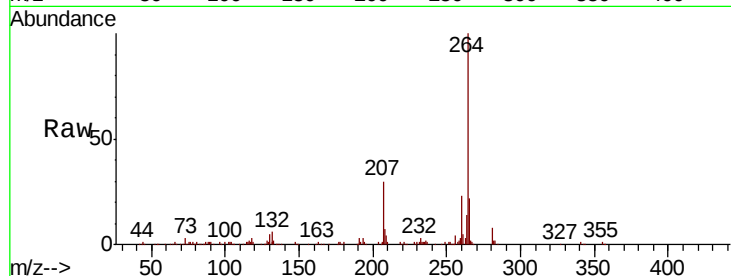




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM020621.D
Acq: 30 May 2019 05:31

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-002-ABCD

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	17.7	26.5	
265	21.9	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

