

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM053119\
 Data File : BM020641.D
 Acq On : 31 May 2019 22:36
 Operator : JU/SJ
 Sample : K3072-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Jun 01 03:55:30 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

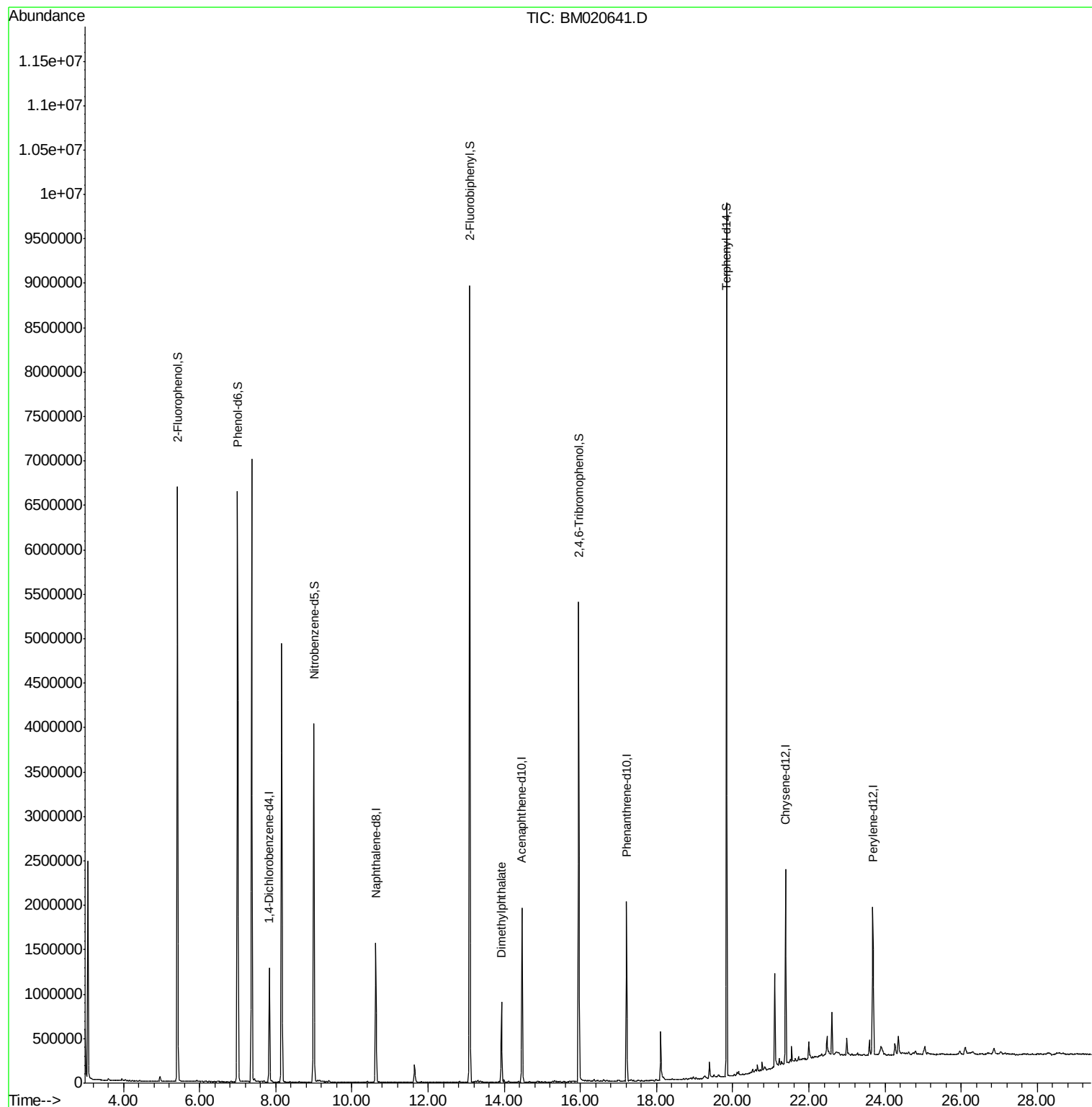
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	321702	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1289608	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	629861	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1110506	20.00	ng	0.00
76) Chrysene-d12	21.39	240	930811	20.00	ng	-0.01
87) Perylene-d12	23.68	264	1110668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2673801	146.20	ng	0.00
7) Phenol-d6	7.00	99	3727229	138.41	ng	0.00
23) Nitrobenzene-d5	9.00	82	2330934	93.65	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	956730	122.60	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4414517	93.18	ng	0.00
79) Terphenyl-d14	19.84	244	4214497	75.73	ng	0.00
Target Compounds						
9) Benzaldehyde	7.00	77	9035	Below Cal		Qvalue # 10
50) Dimethylphthalate	13.93	163	535851	9.958 ng		99

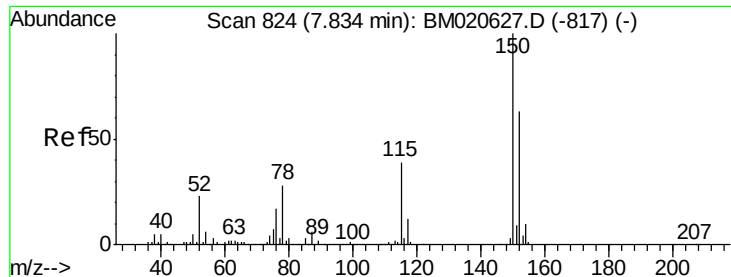
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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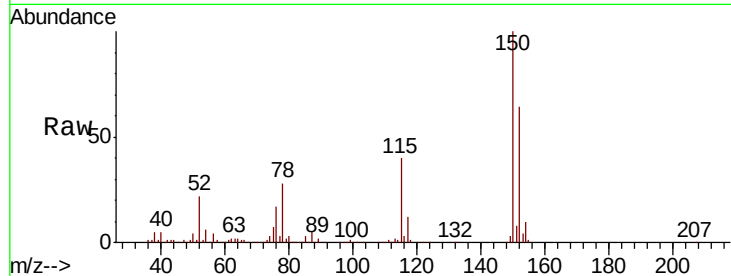


#1

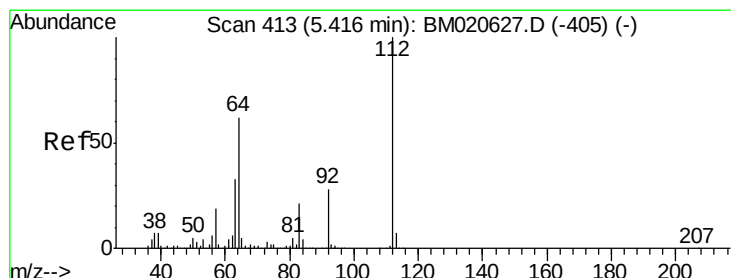
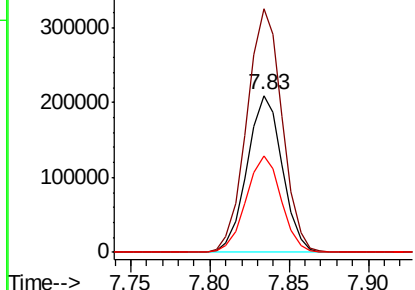
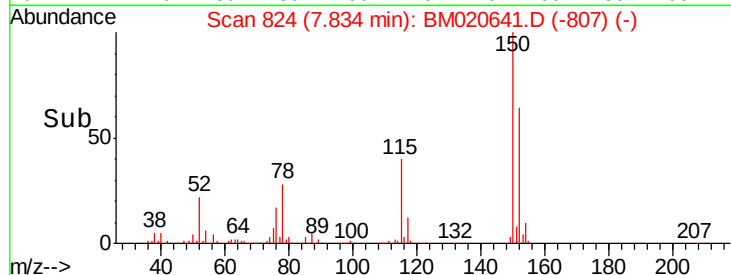
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020641.D
Acq: 31 May 2019 22:36

Instrument :
BNA_M
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 321702
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 61.6 49.6 74.4



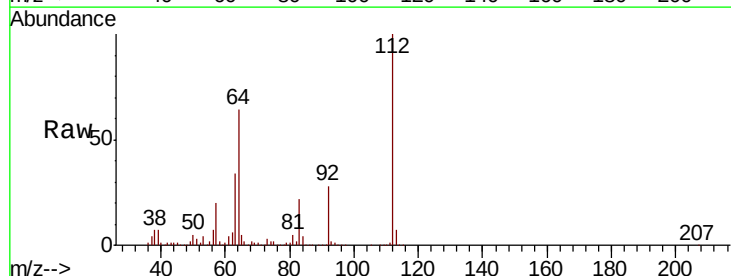
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



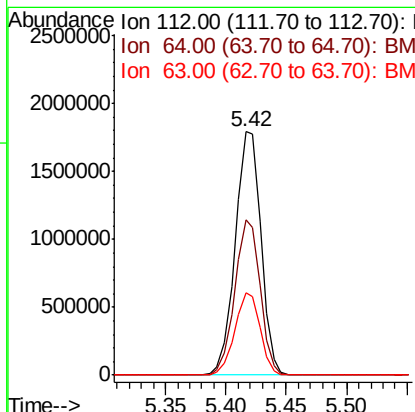
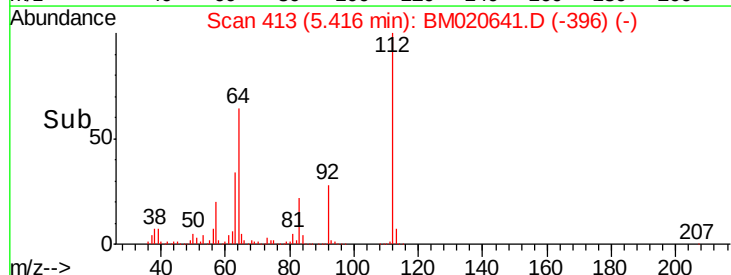
#5

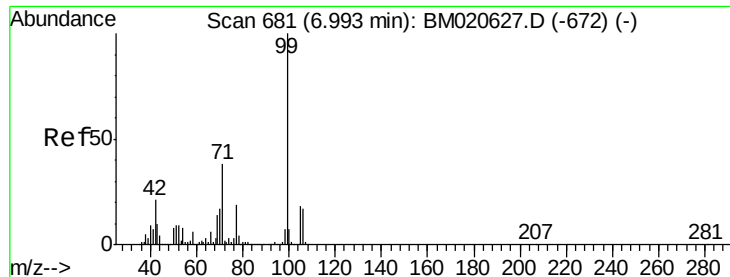
2-Fluorophenol
Concen: 146.203 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM020641.D
Acq: 31 May 2019 22:36

Tgt Ion:112 Resp: 2673801
Ion Ratio Lower Upper
112 100
64 64.0 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: 138.411 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020641.D

Acq: 31 May 2019 22:36

Instrument :

BNA_M

ClientSampleId :

TP-8

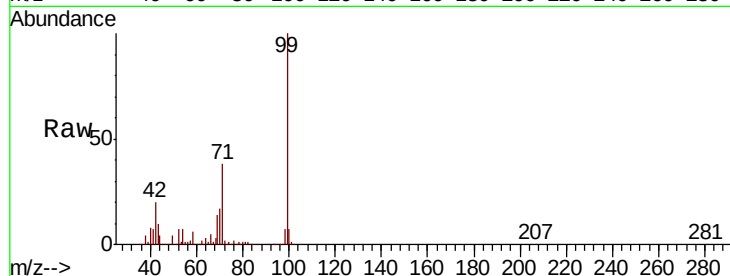
Tgt Ion: 99 Resp: 3727229

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

71 37.8 30.7 46.1

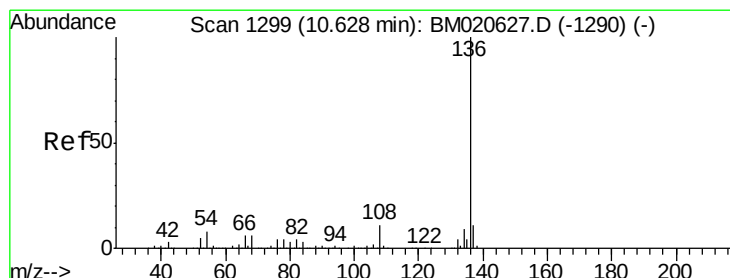
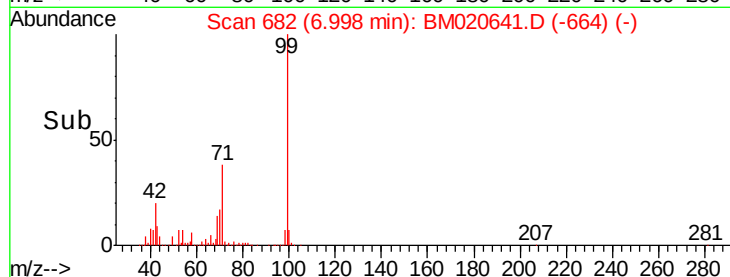
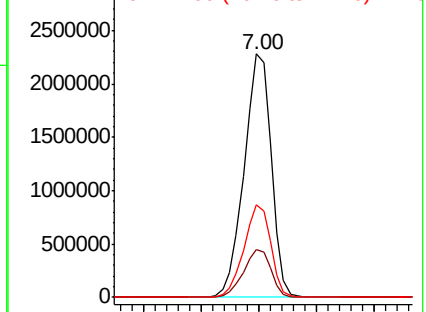


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.63 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM020641.D

Acq: 31 May 2019 22:36

Tgt Ion: 136 Resp: 1289608

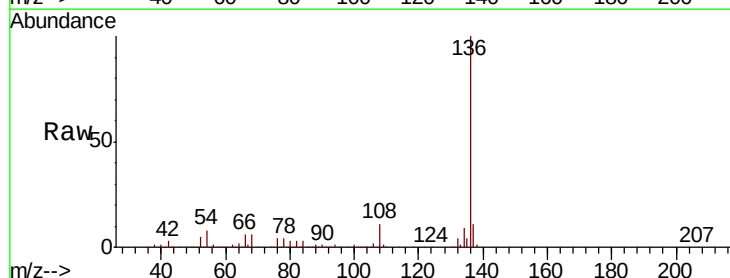
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.3 6.6 10.0

68 6.3 5.1 7.7



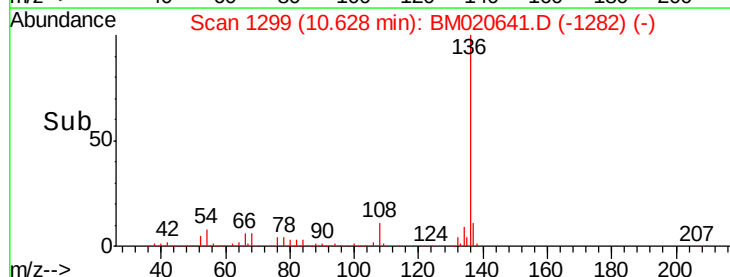
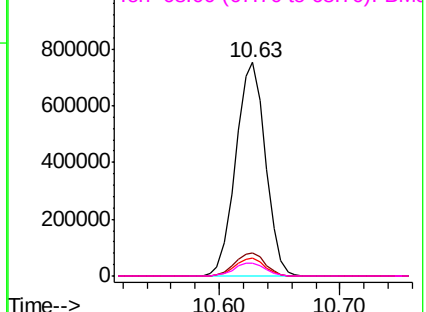
Abundance

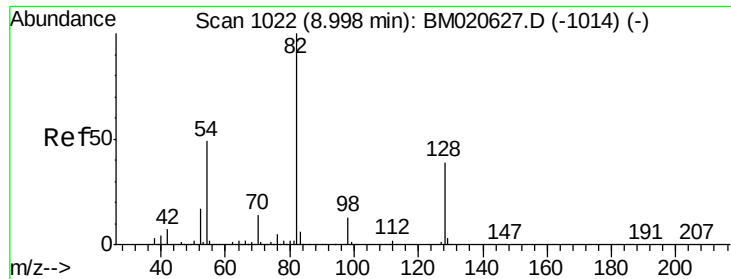
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

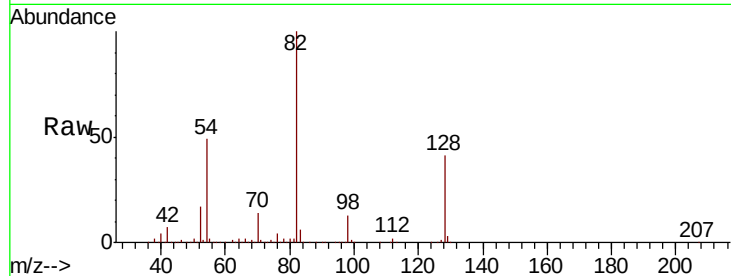




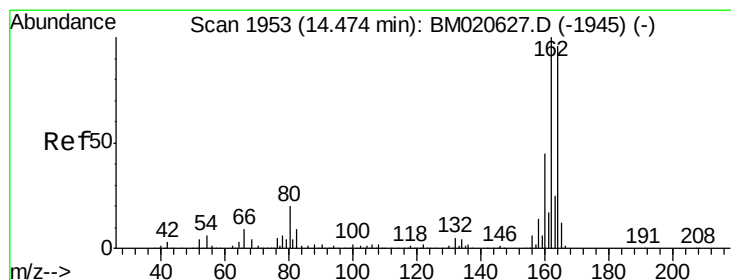
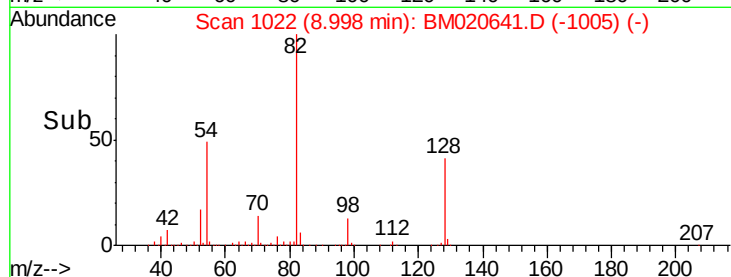
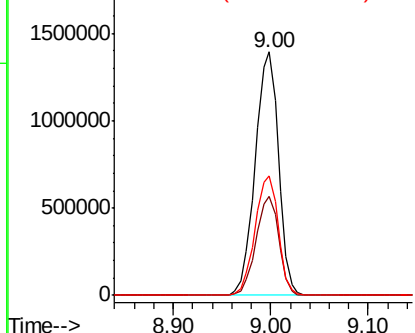
#23
Nitrobenzene-d5
Concen: 93.648 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020641.D
Acq: 31 May 2019 22:36

Instrument :
BNA_M
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 2330934
Ion Ratio Lower Upper
82 100
128 40.6 31.5 47.3
54 48.9 39.4 59.0

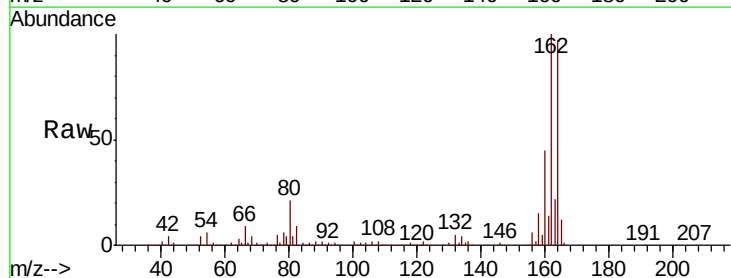


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

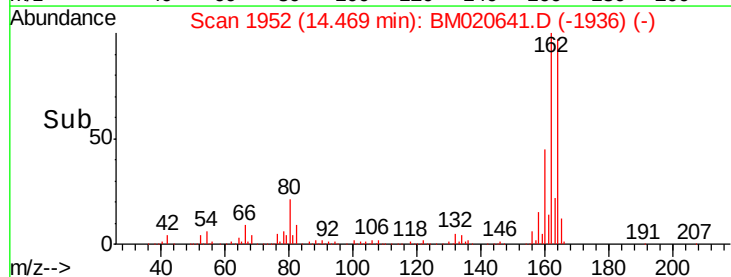
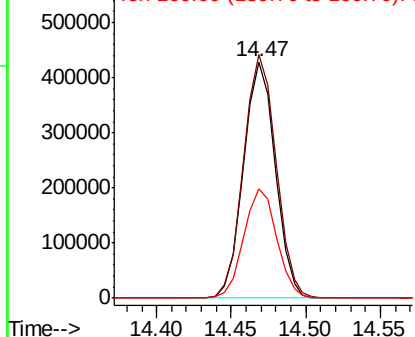


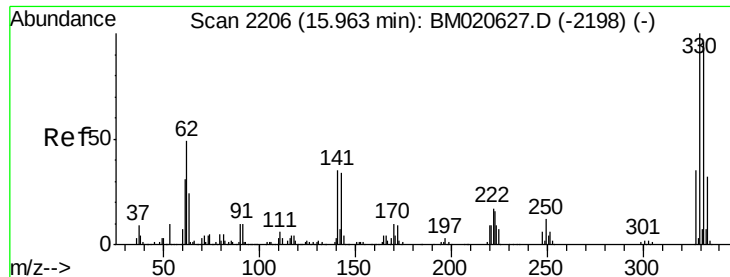
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020641.D
Acq: 31 May 2019 22:36

Tgt Ion: 164 Resp: 629861
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 46.4 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

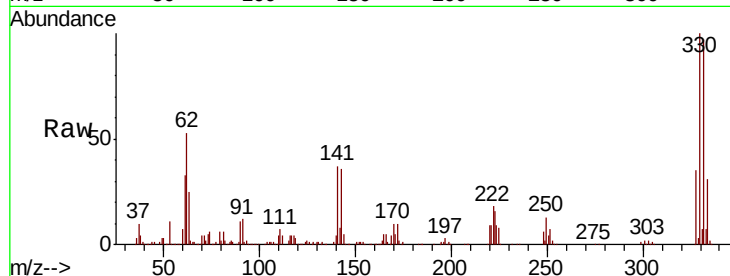




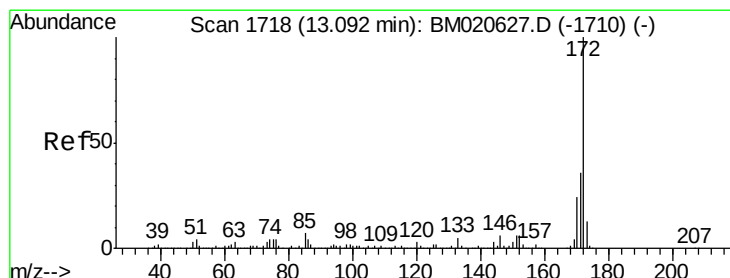
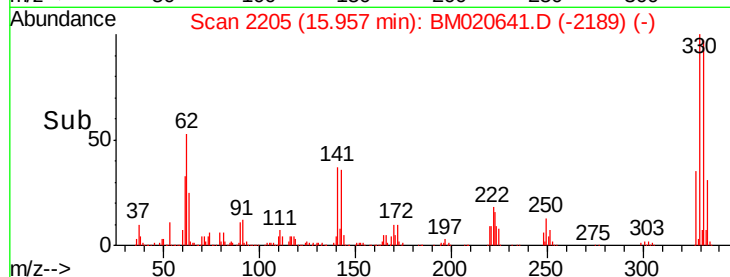
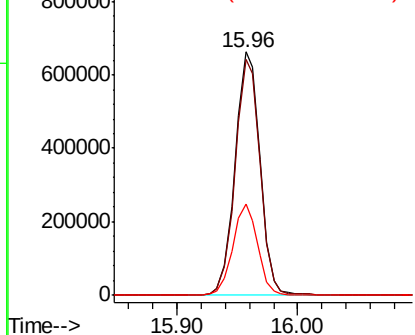
#42
 2,4,6-Tribromophenol
 Concen: 122.596 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020641.D
 Acq: 31 May 2019 22:36

Instrument :
 BNA_M
 ClientSampled :
 TP-8

Tgt Ion:330 Resp: 956730
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 37.6 30.4 45.6

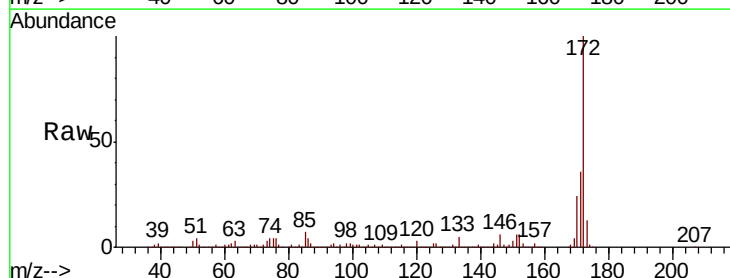


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

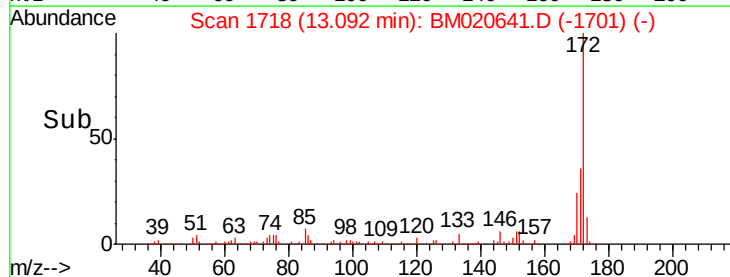
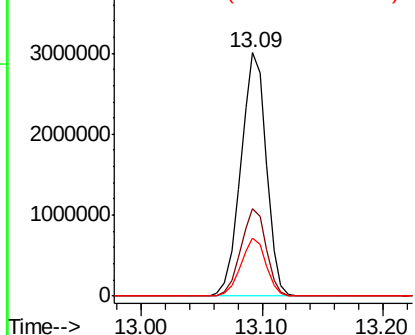


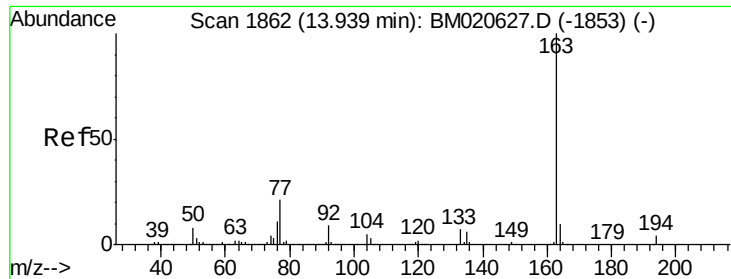
#45
 2-Fluorobiphenyl
 Concen: 93.177 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM020641.D
 Acq: 31 May 2019 22:36

Tgt Ion:172 Resp: 4414517
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.7 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





#50

Dimethylphthalate

Concen: 9.958 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020641.D

Acq: 31 May 2019 22:36

Instrument :

BNA_M

ClientSampleId :

TP-8

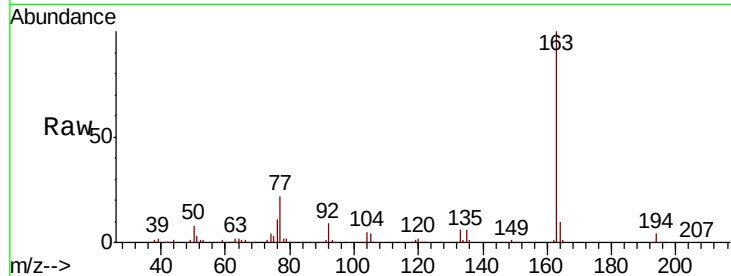
Tgt Ion:163 Resp: 535851

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

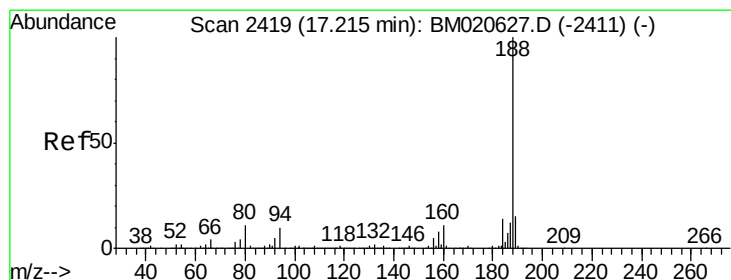
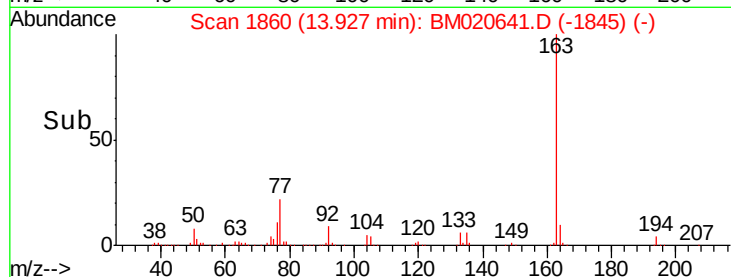
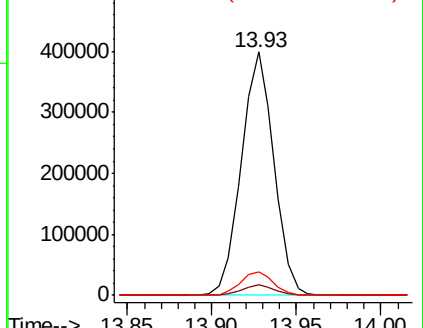
164 9.6 7.9 11.9



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: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM020641.D

Acq: 31 May 2019 22:36

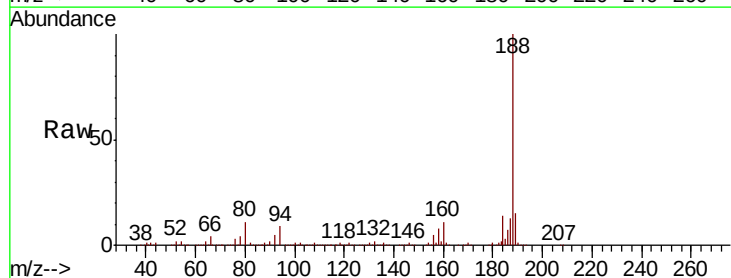
Tgt Ion:188 Resp: 1110506

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

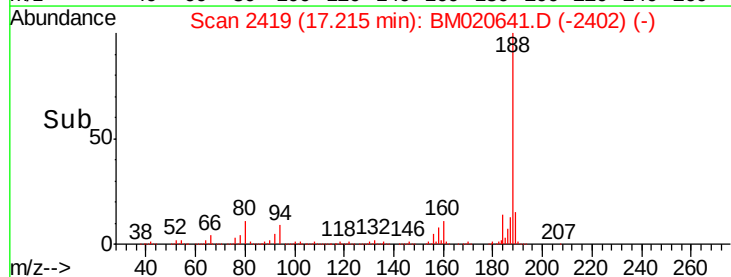
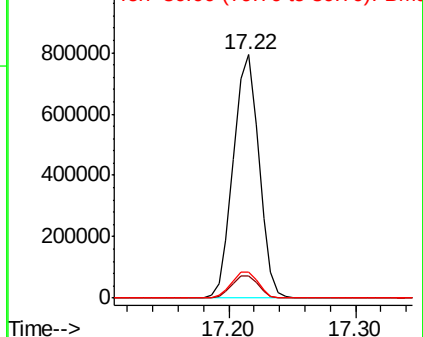
80 10.7 9.0 13.6

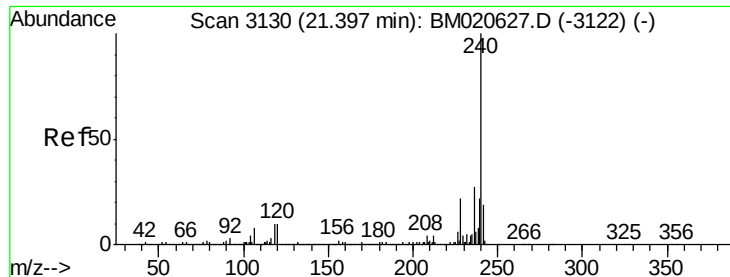


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

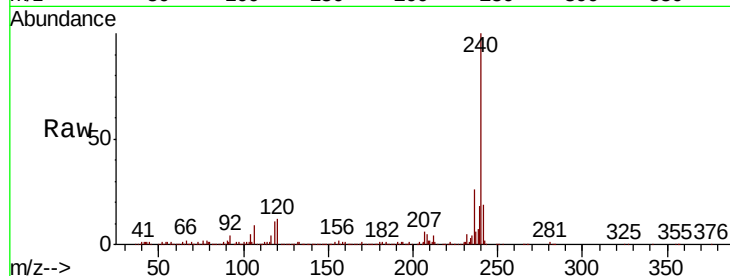




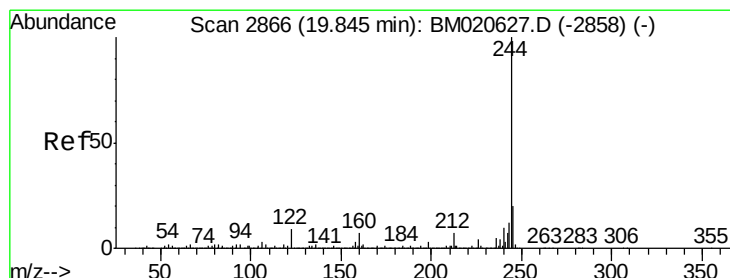
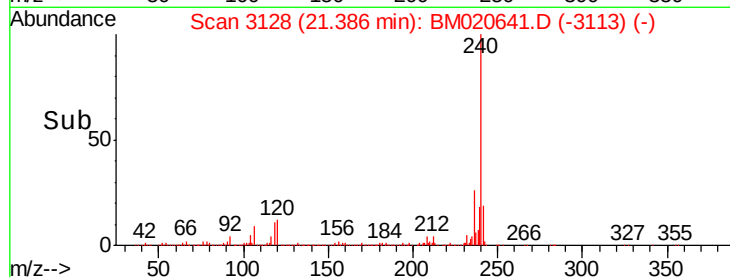
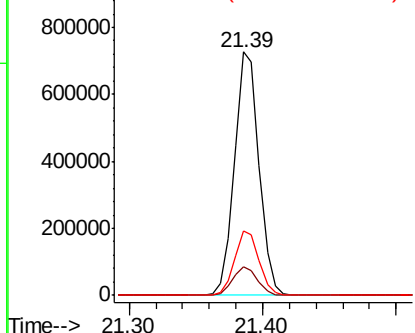
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM020641.D
 Acq: 31 May 2019 22:36

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Tgt Ion:240 Resp: 930811
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.2 12.2
 236 26.4 21.2 31.8

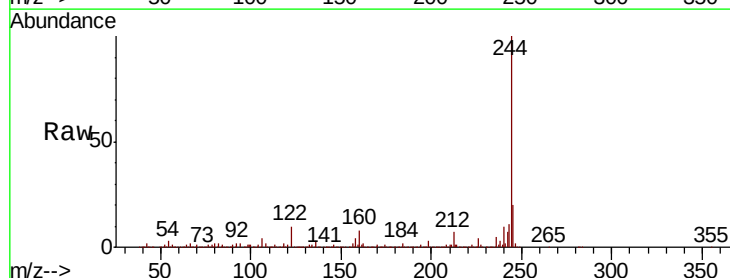


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

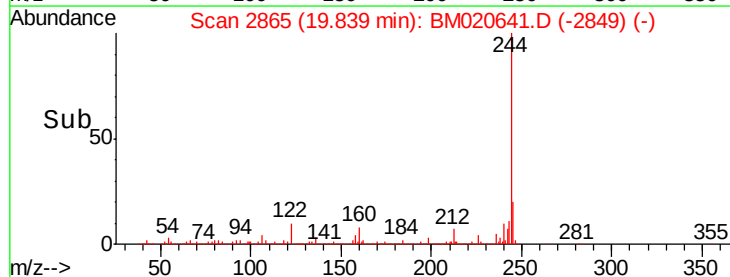
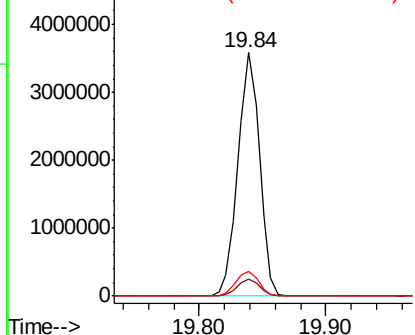


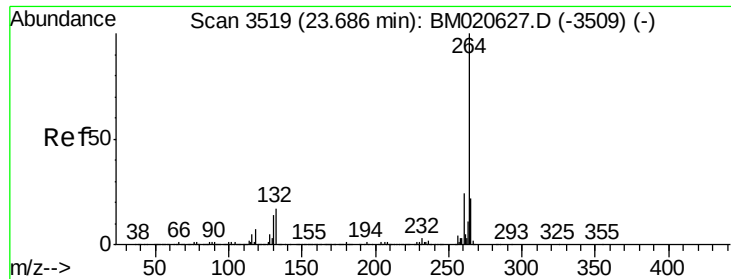
#79
 Terphenyl-d14
 Concen: 75.734 ng
 RT: 19.84 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM020641.D
 Acq: 31 May 2019 22:36

Tgt Ion:244 Resp: 4214497
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 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: BM020641.D
Acq: 31 May 2019 22:36

Instrument :
BNA_M
ClientSampleId :
TP-8

Tgt Ion: 264 Resp: 1110668

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.6	26.4

