

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
 Data File : BM022760.D
 Acq On : 24 Sep 2019 21:27
 Operator : JU
 Sample : K4997-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-09-091919

Quant Time: Sep 25 04:38:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

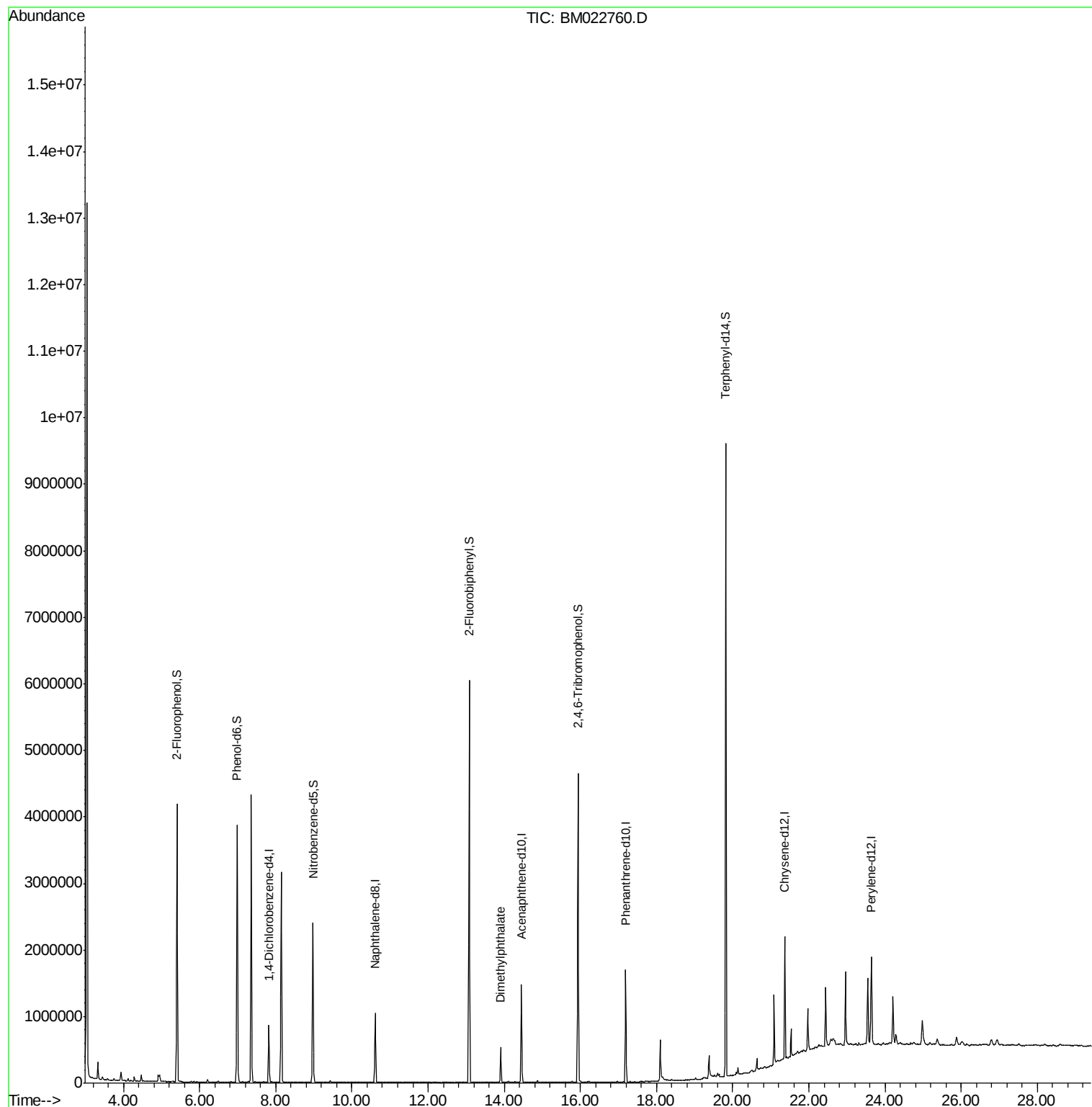
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	236869	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	879355	20.00	ng	-0.01
39) Acenaphthene-d10	14.45	164	503860	20.00	ng	-0.01
64) Phenanthrene-d10	17.19	188	956532	20.00	ng	0.00
76) Chrysene-d12	21.37	240	802860	20.00	ng	-0.01
87) Perylene-d12	23.64	264	944926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1831695	122.64	ng	0.00
7) Phenol-d6	6.99	99	2386230	124.39	ng	0.00
23) Nitrobenzene-d5	8.97	82	1384672	87.41	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	874880	139.09	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3263558	89.19	ng	0.00
79) Terphenyl-d14	19.82	244	4285508	103.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.91	163	352893	9.691	ng	Qvalue 100

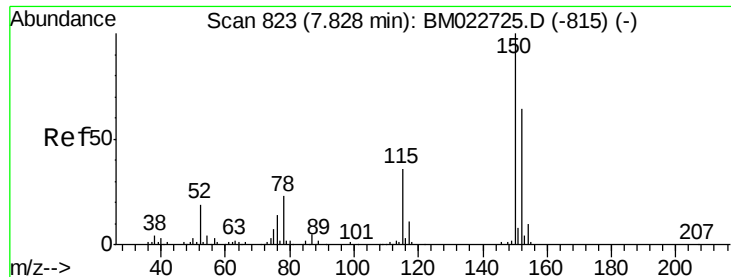
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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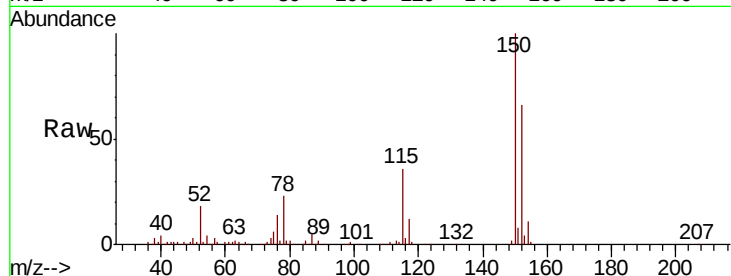


#1

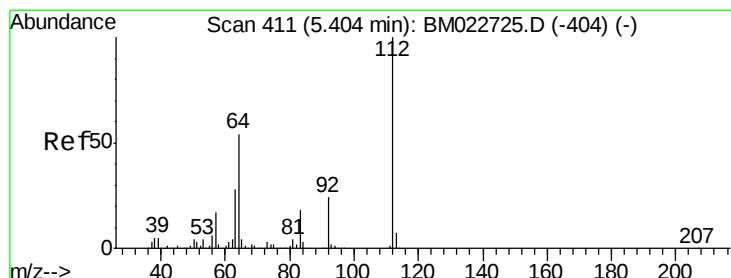
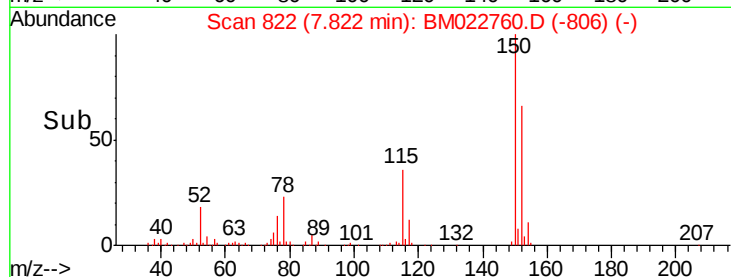
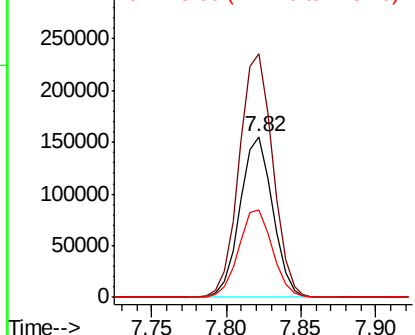
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022760.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_M
ClientSampleId :
WC-09-091919

Tot Ion:152 Resp: 236869
Ion Ratio Lower Upper
152 100
150 151.4 124.5 186.7
115 54.7 45.0 67.4



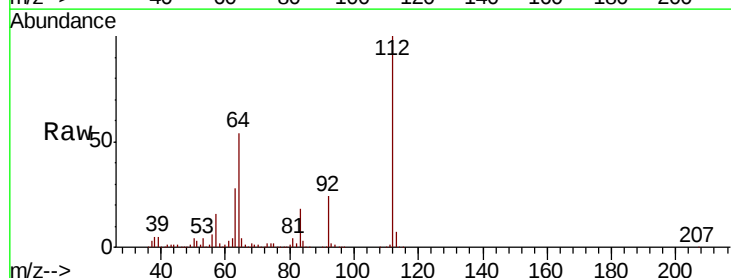
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



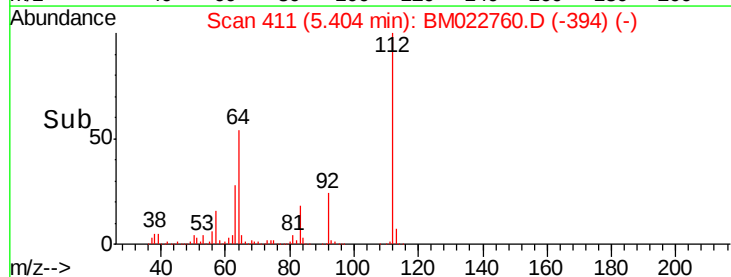
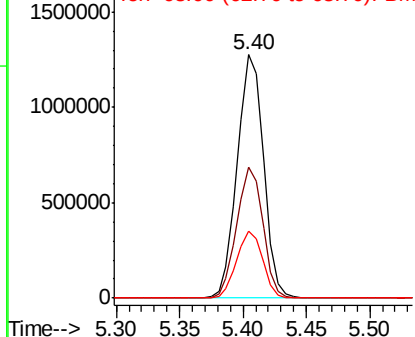
#5

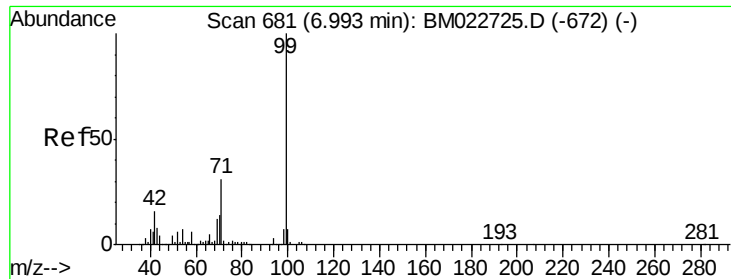
2-Fluorophenol
Concen: 122.642 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM022760.D
Acq: 24 Sep 2019 21:27

Tgt Ion:112 Resp: 1831695
Ion Ratio Lower Upper
112 100
64 54.0 43.4 65.2
63 27.7 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 124.395 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_M

ClientSampleId :

WC-09-091919

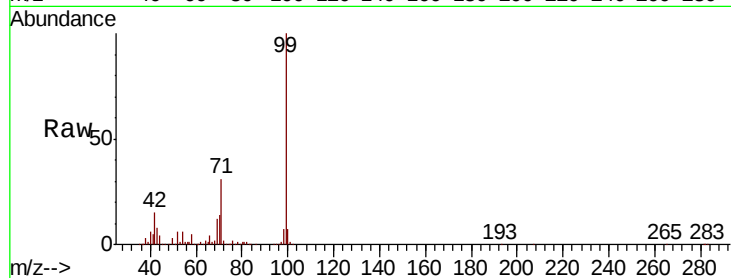
Tot Ion: 99 Resp: 2386230

Ion Ratio Lower Upper

99 100

42 15.4 13.0 19.4

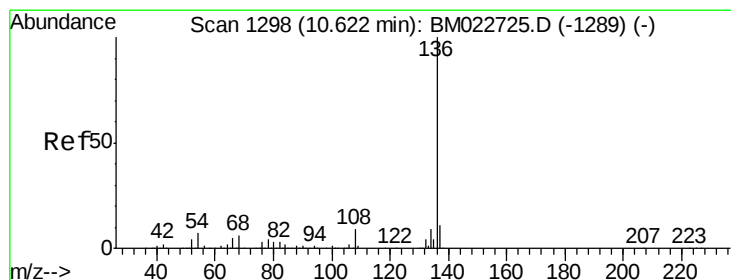
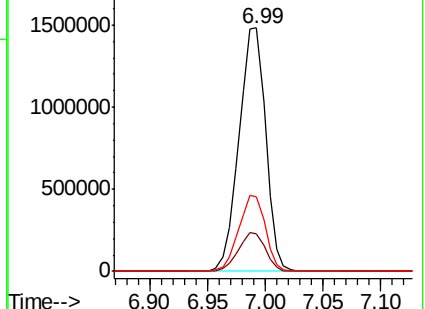
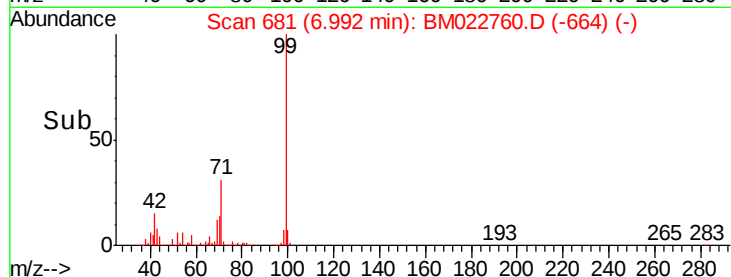
71 30.7 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022760.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022760.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022760.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

Tgt Ion: 136 Resp: 879355

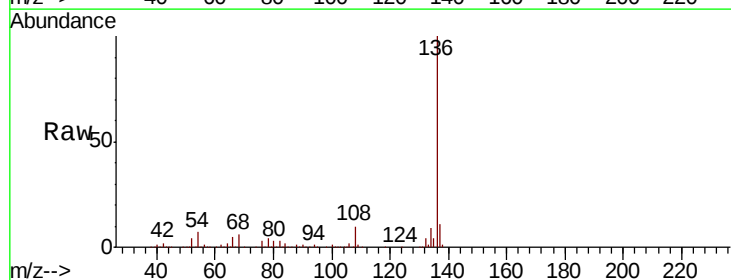
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.3 6.0 9.0

68 5.8 4.9 7.3

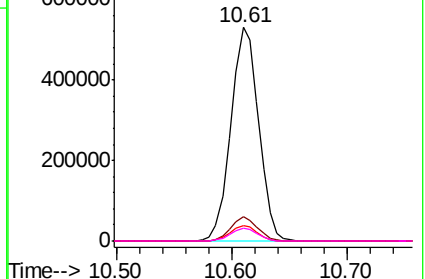
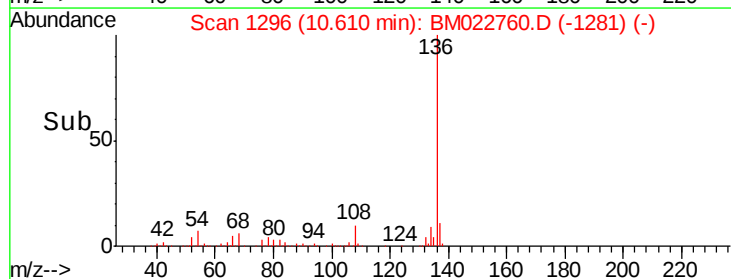


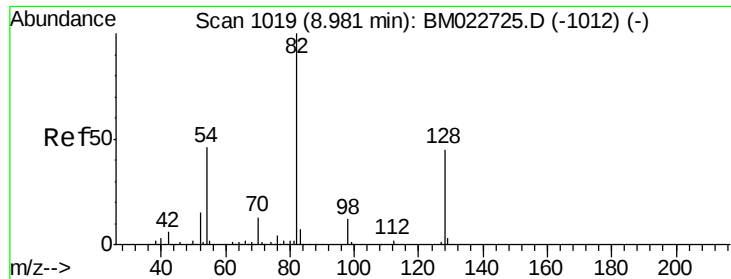
Abundance Ion 136.00 (135.70 to 136.70): BM022760.D (-1281) (-)

Ion 137.00 (136.70 to 137.70): BM022760.D (-1281) (-)

Ion 54.00 (53.70 to 54.70): BM022760.D (-1281) (-)

Ion 68.00 (67.70 to 68.70): BM022760.D (-1281) (-)

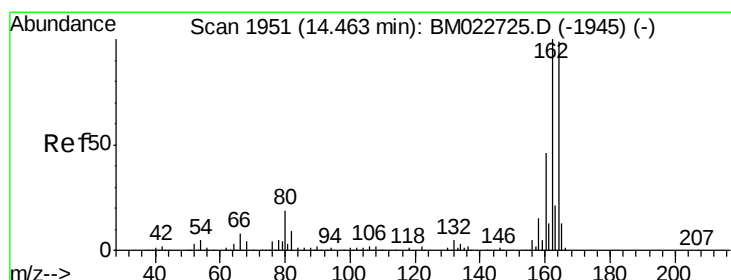
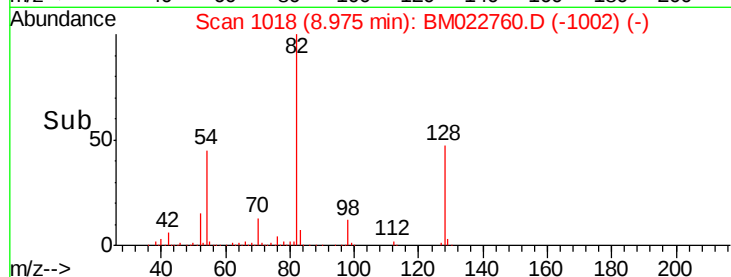
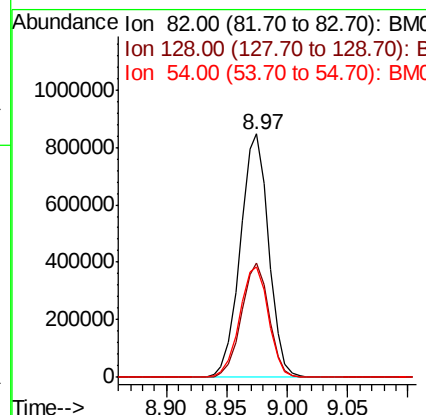
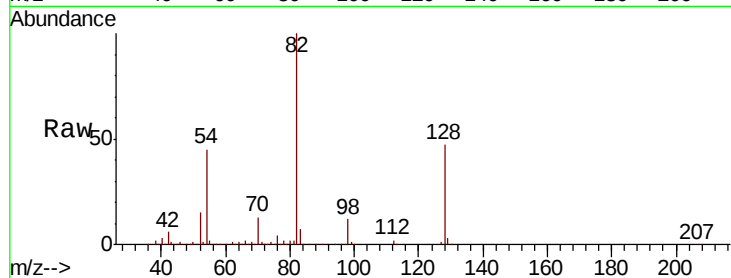




#23
 Nitrobenzene-d5
 Concen: 87.409 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022760.D
 Acq: 24 Sep 2019 21:27

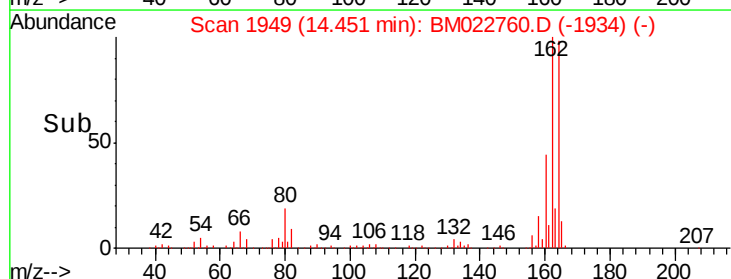
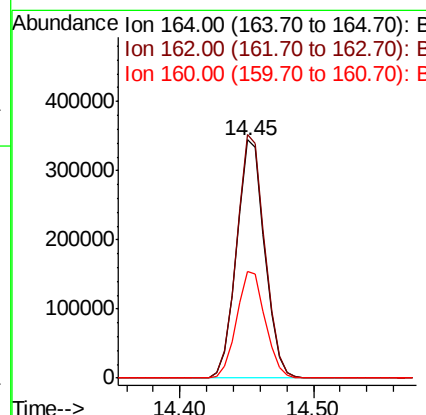
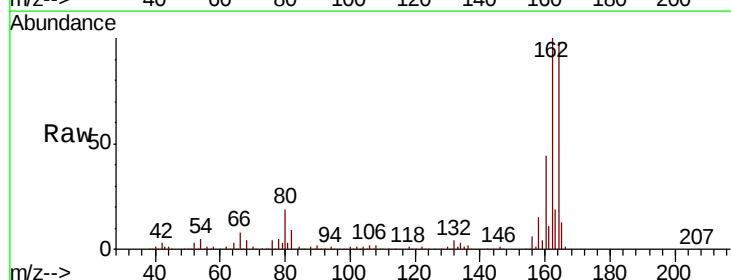
Instrument :
 BNA_M
 ClientSampled :
 WC-09-091919

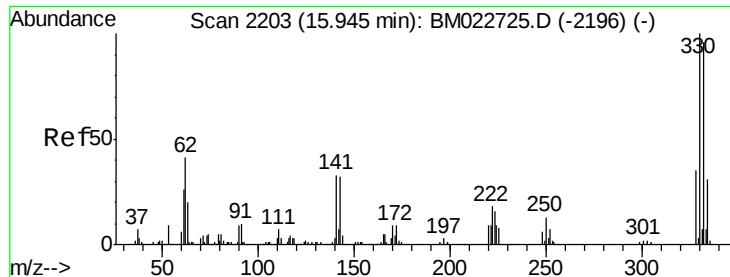
Tot Ion: 82 Resp: 1384672
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.0 54.0
 54 45.2 37.1 55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BM022760.D
 Acq: 24 Sep 2019 21:27

Tgt Ion:164 Resp: 503860
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.1 121.7
 160 44.6 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 139.093 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_M

ClientSampleId :

WC-09-091919

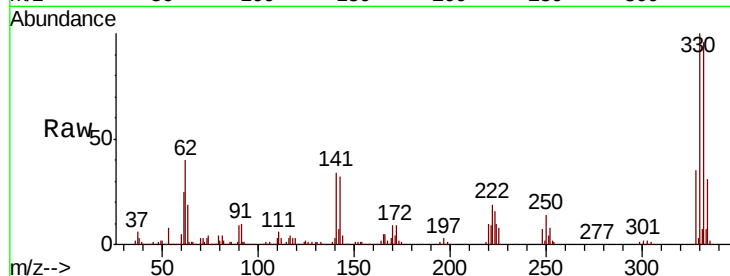
Tot Ion:330 Resp: 874880

Ion Ratio Lower Upper

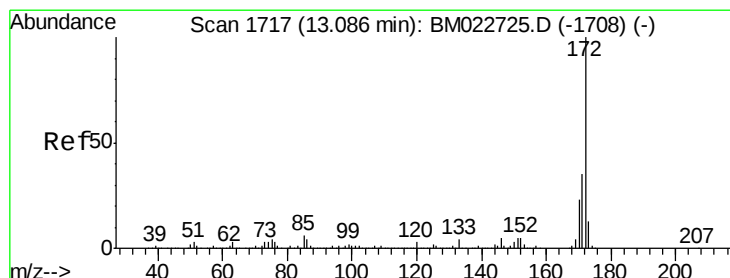
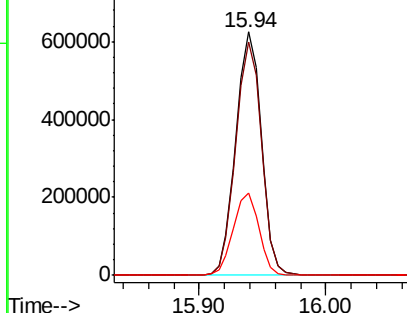
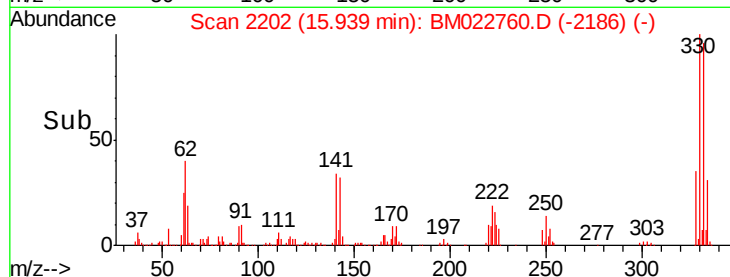
330 100

332 96.1 76.9 115.3

141 34.0 28.6 42.8



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: 89.193 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

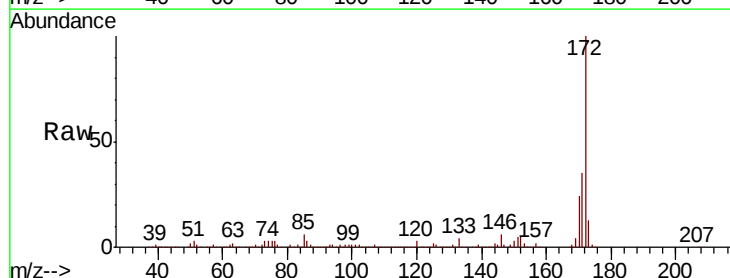
Tgt Ion:172 Resp: 3263558

Ion Ratio Lower Upper

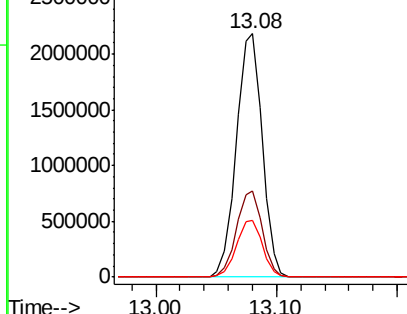
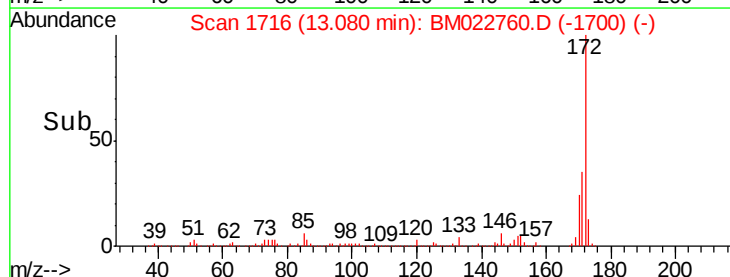
172 100

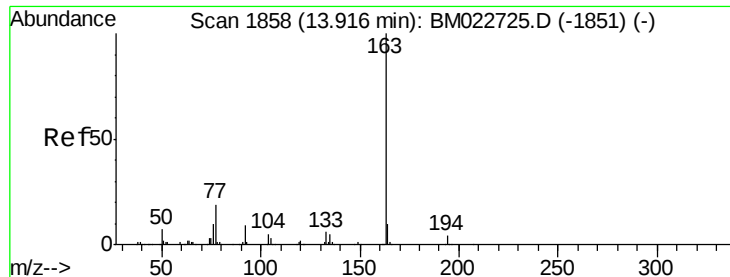
171 35.3 27.8 41.8

170 23.5 18.7 28.1



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: 9.691 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_M

ClientSampleId :

WC-09-091919

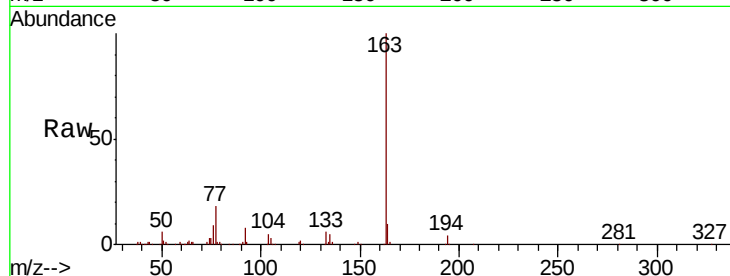
Tot Ion:163 Resp: 352893

Ion Ratio Lower Upper

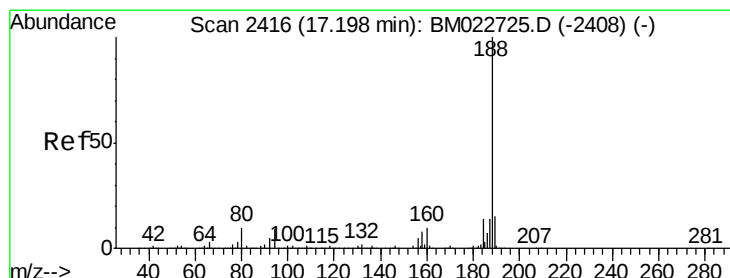
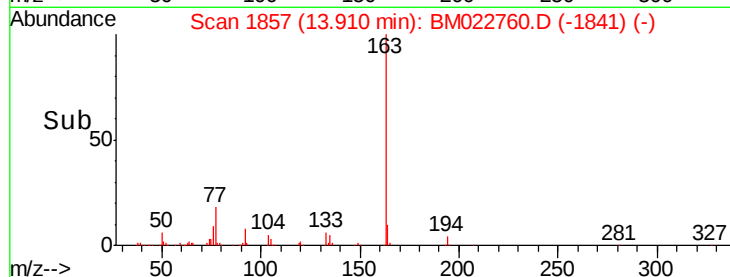
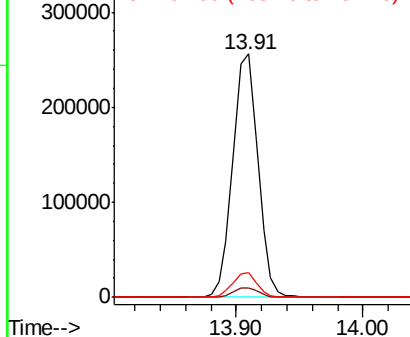
163 100

194 4.1 3.3 4.9

164 10.1 8.2 12.2



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: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM022760.D

Acq: 24 Sep 2019 21:27

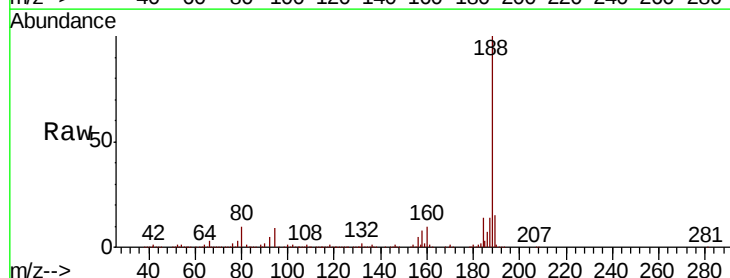
Tgt Ion:188 Resp: 956532

Ion Ratio Lower Upper

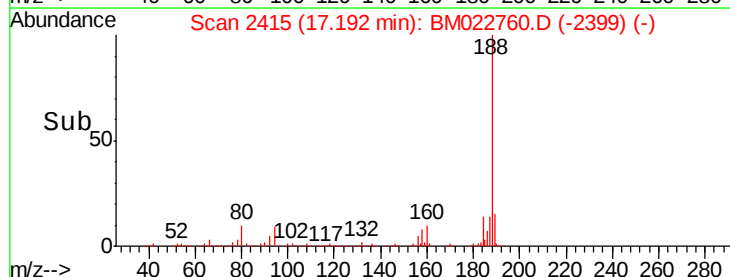
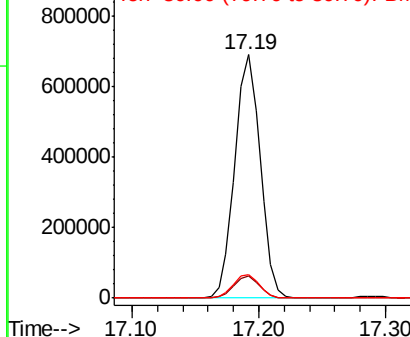
188 100

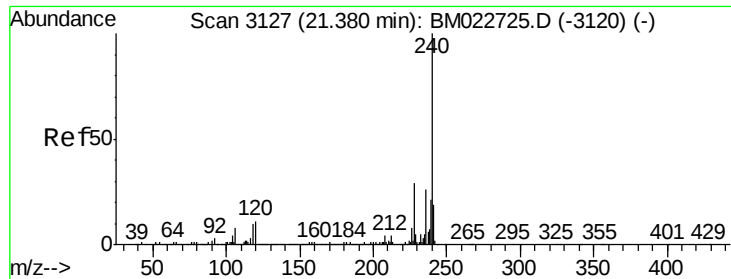
94 9.0 7.3 10.9

80 9.6 7.8 11.8



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

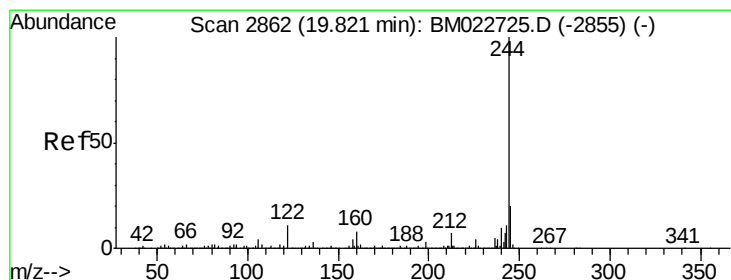
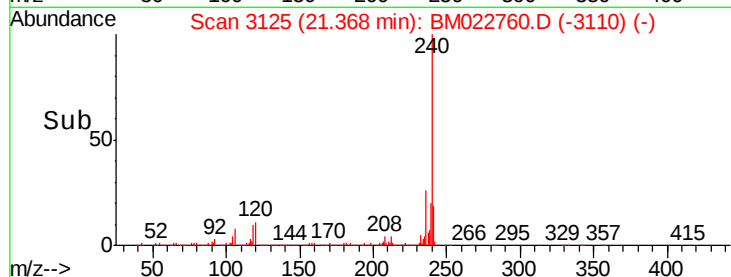
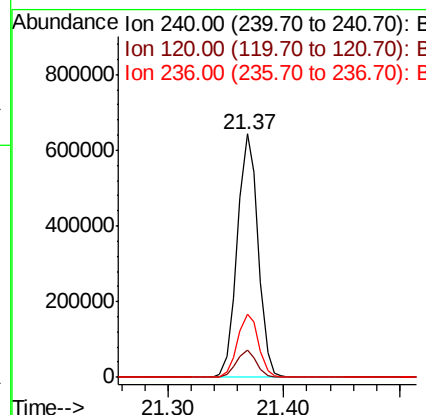
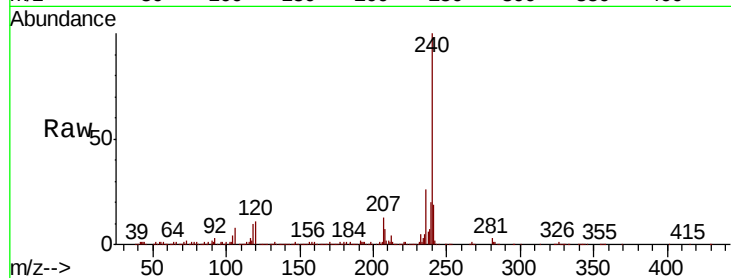




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM022760.D
Acq: 24 Sep 2019 21:27

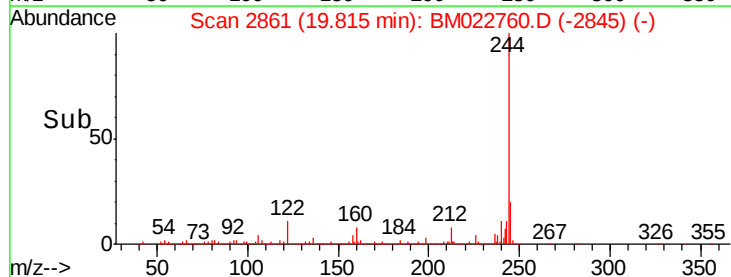
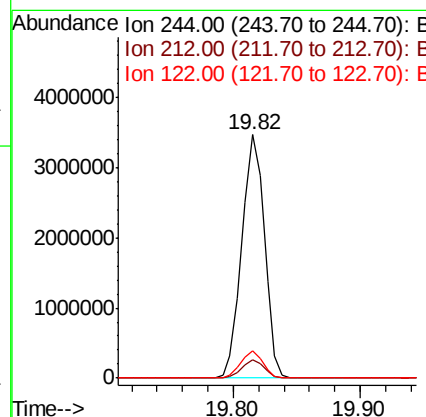
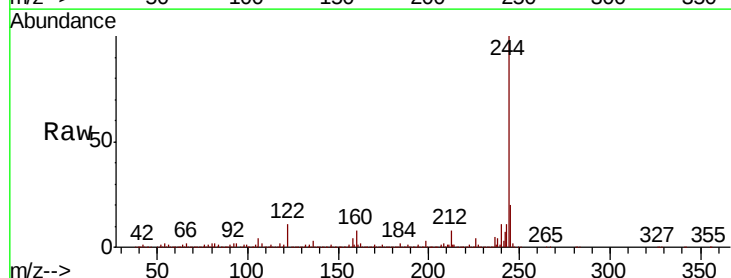
Instrument :
BNA_M
ClientSampleId :
WC-09-091919

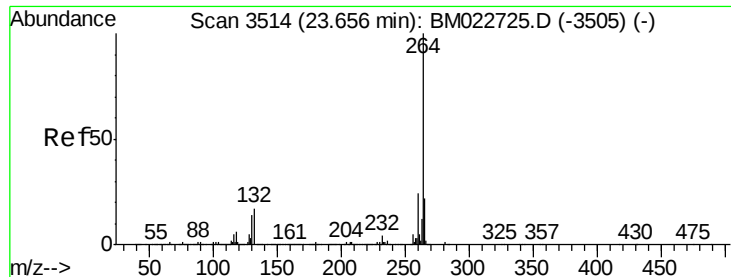
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	26.2	20.8	31.2



#79
Terphenyl-d14
Concen: 103.360 ng
RT: 19.82 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BM022760.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.0	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM022760.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_M
ClientSampleId :
WC-09-091919

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.2	17.9	26.9

