

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019163.D
 Acq On : 14 Mar 2019 11:25
 Operator : JU/SJ
 Sample : K1824-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24

Quant Time: Mar 14 13:27:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

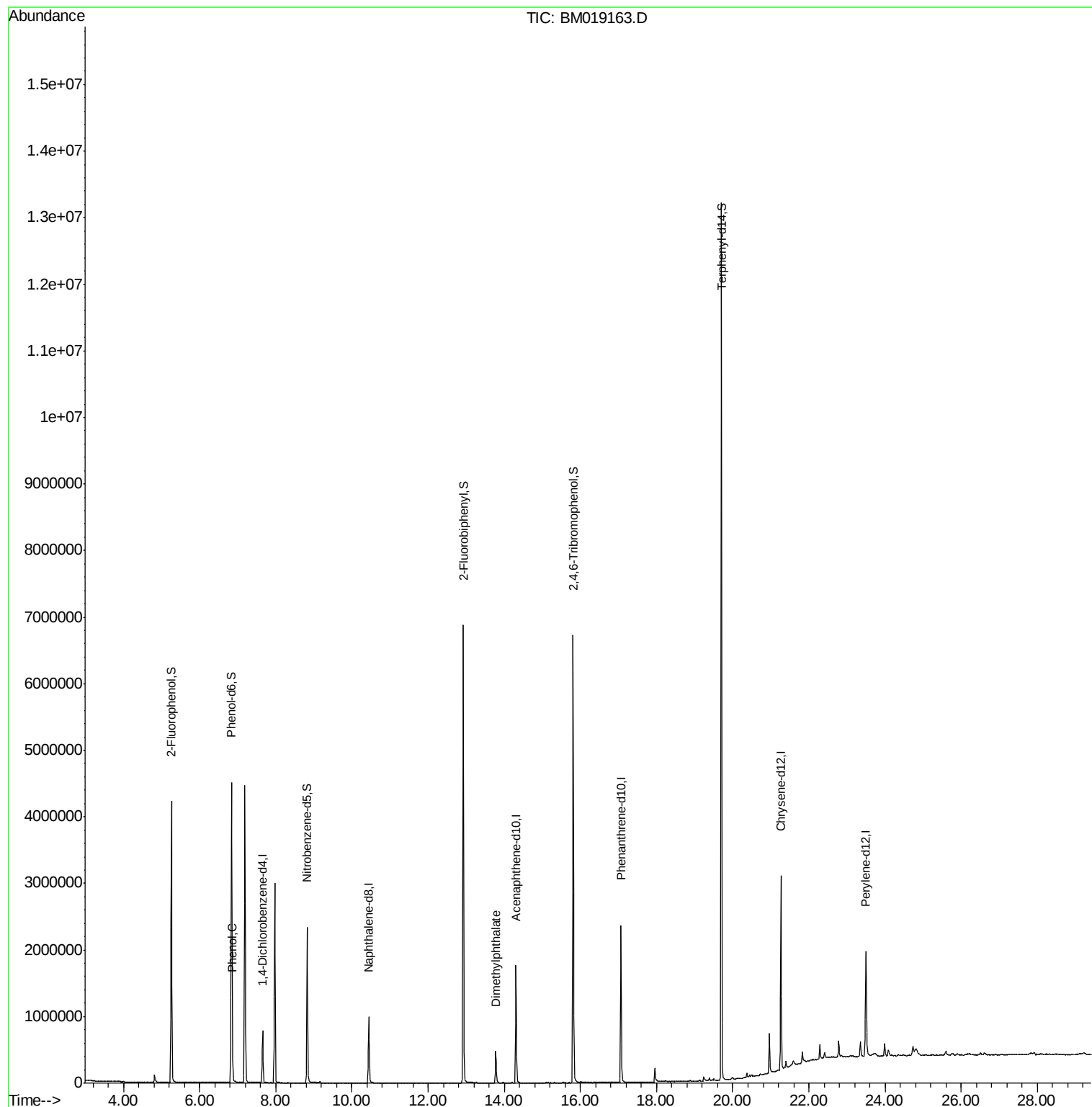
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205645	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	845646	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	560740	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1348356	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1304872	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1146737	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1719681	135.43	ng	0.00
7) Phenol-d6	6.84	99	2562617	137.97	ng	0.00
23) Nitrobenzene-d5	8.83	82	1535187	85.81	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1212276	146.43	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3429201	79.55	ng	-0.01
79) Terphenyl-d14	19.70	244	5856339	89.10	ng	0.00
Target Compounds						
10) Phenol	6.86	94	134820	6.735	ng	92
50) Dimethylphthalate	13.78	163	353644	7.372	ng	99

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

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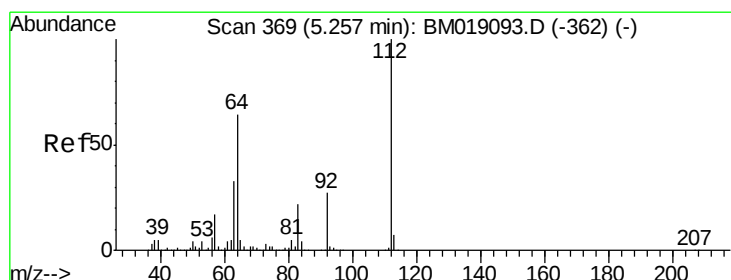
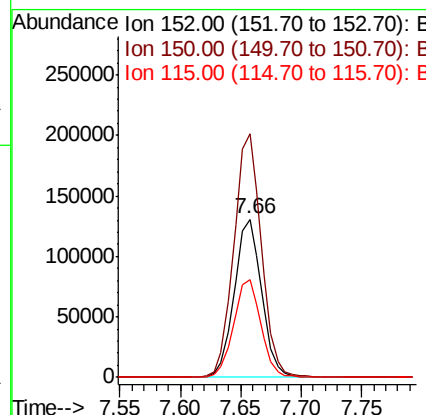
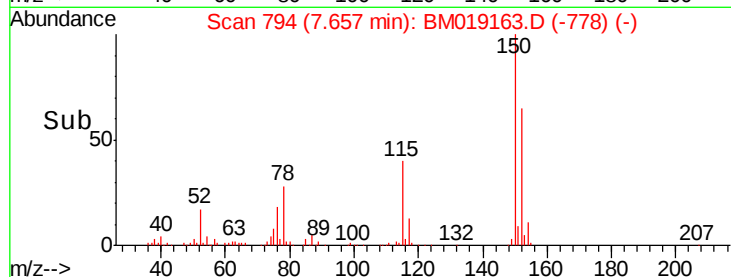
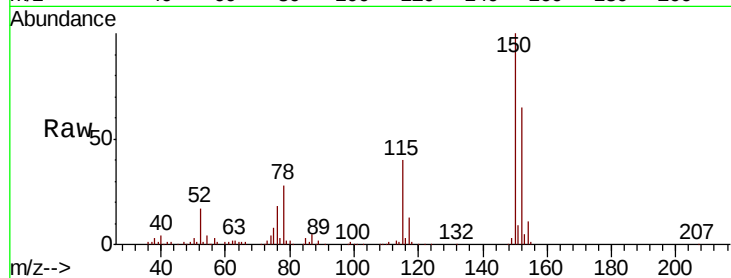


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

Instrument :
BNA_M
ClientSampleId :
TP-24

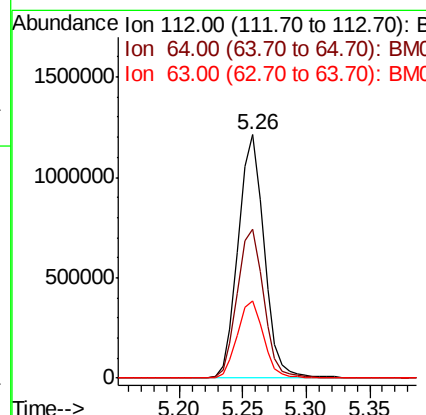
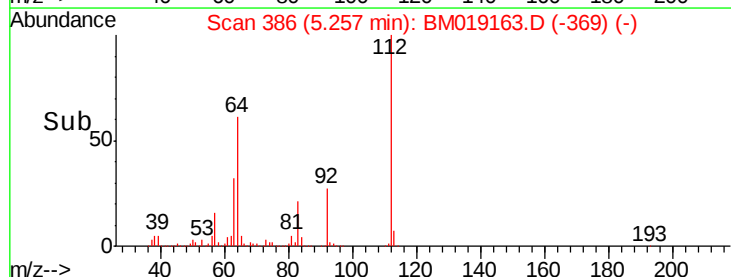
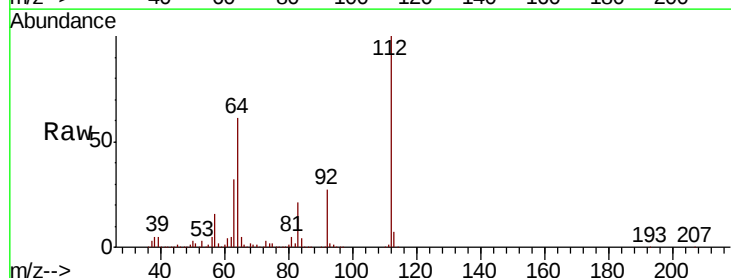
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.3	187.9
115	61.8	49.4	74.0



#5

2-Fluorophenol
Concen: 135.427 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	51.4	77.0
63	31.6	26.6	40.0





#7

Phenol-d6

Concen: 137.970 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Instrument :

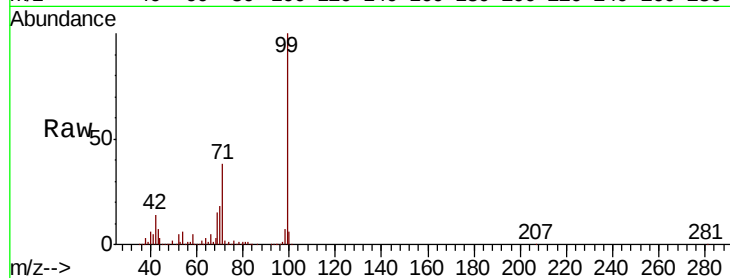
BNA_M

ClientSampleId :

TP-24

Tot Ion: 99 Resp: 2562617

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.9	16.3
71	37.8	30.3	45.5

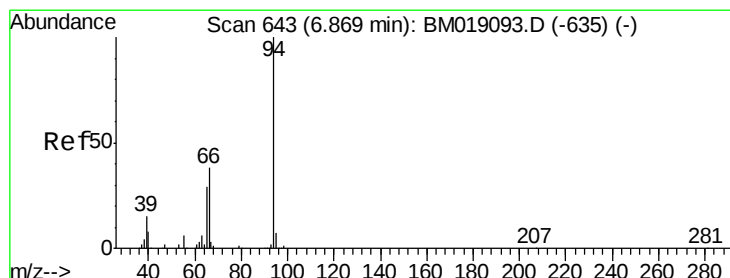
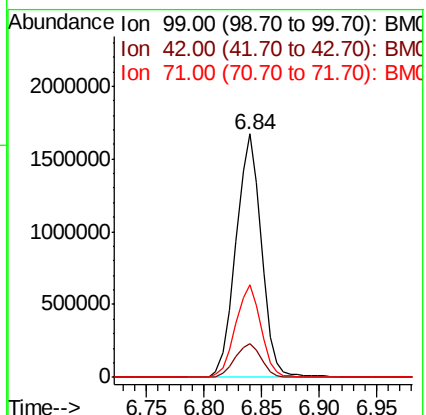
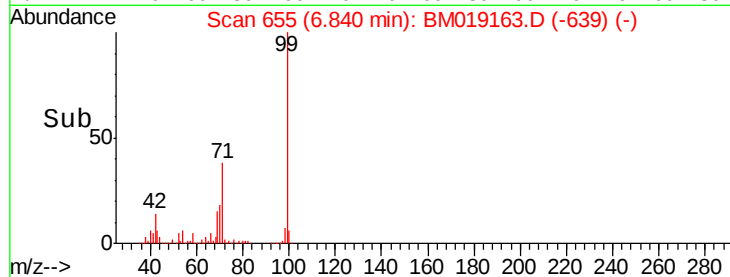


Abundance

Ion 99.00 (98.70 to 99.70): BM019163.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019163.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019163.D (-639) (-)



#10

Phenol

Concen: 6.735 ng

RT: 6.86 min Scan# 659

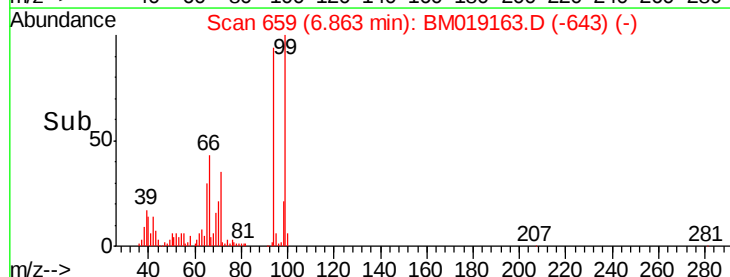
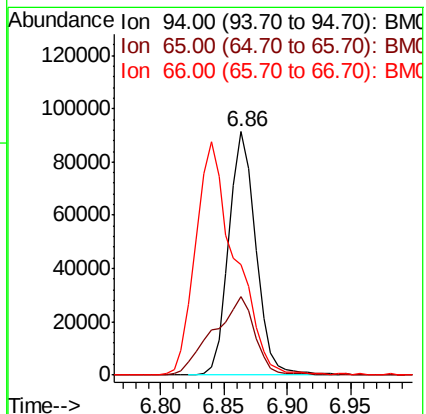
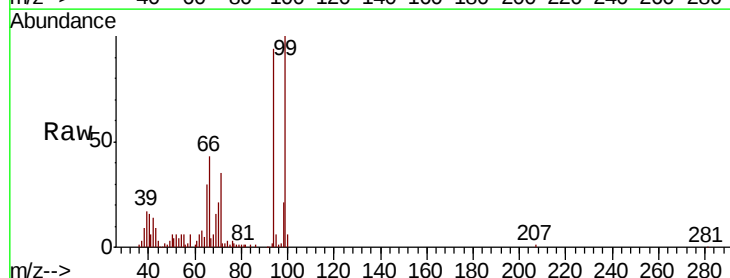
Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Tgt Ion: 94 Resp: 134820

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.7	49.7
66	45.5	19.2	59.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Instrument :

BNA_M

ClientSampleId :

TP-24

Tot Ion:136 Resp: 845646

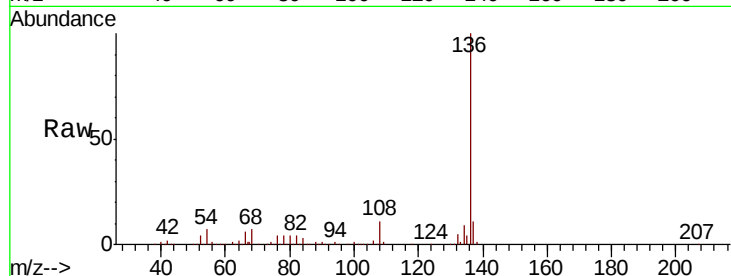
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 6.9 5.2 7.8

68 7.4 5.8 8.8

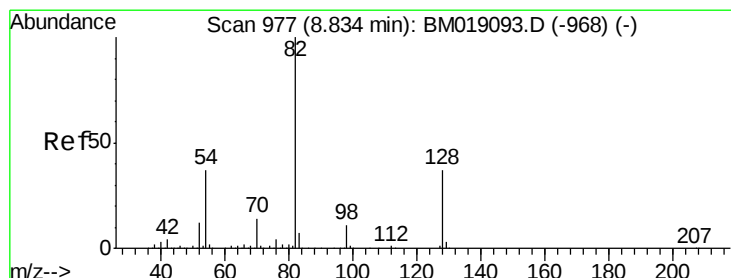
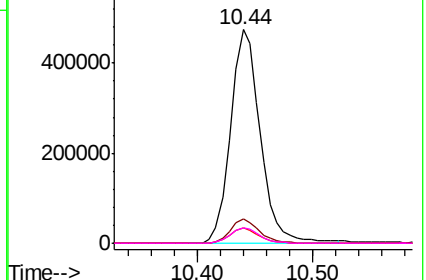
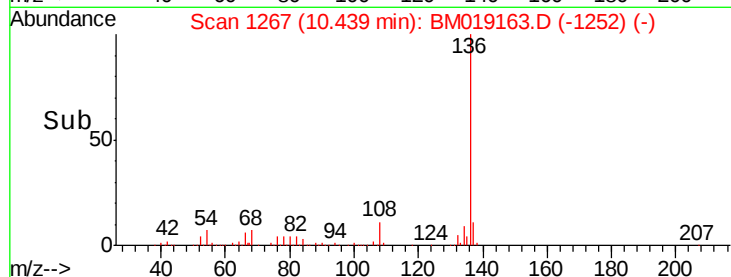


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 85.814 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

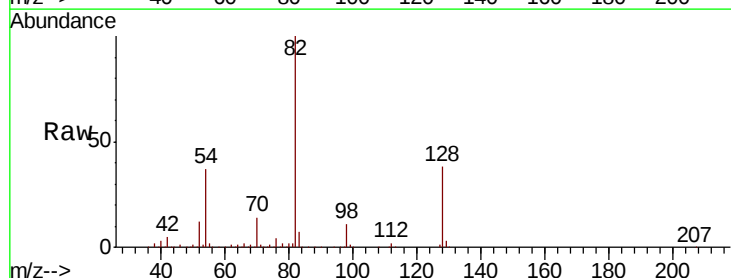
Tgt Ion: 82 Resp: 1535187

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

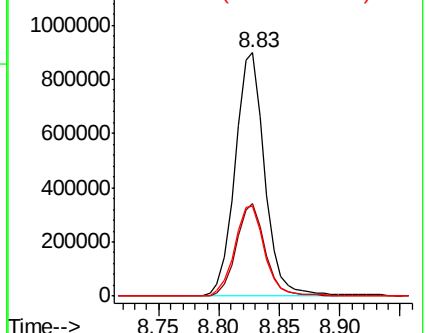
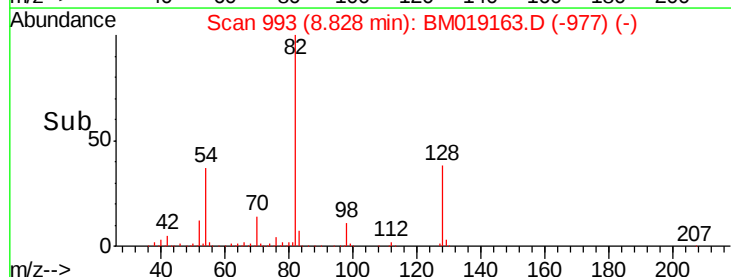
54 37.1 29.9 44.9

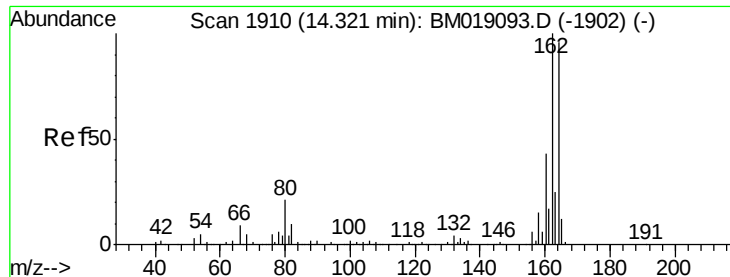


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Instrument :

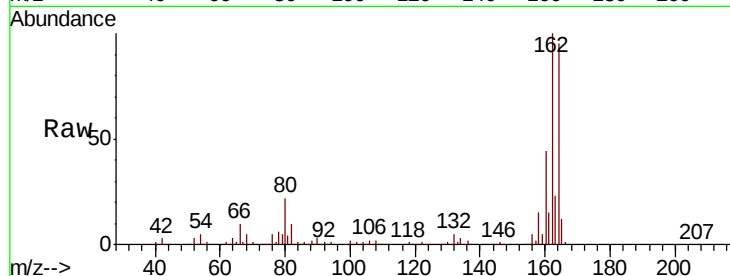
BNA_M

ClientSampled :

TP-24

Tot Ion:164 Resp: 560740

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.5	125.3
160	45.9	36.3	54.5



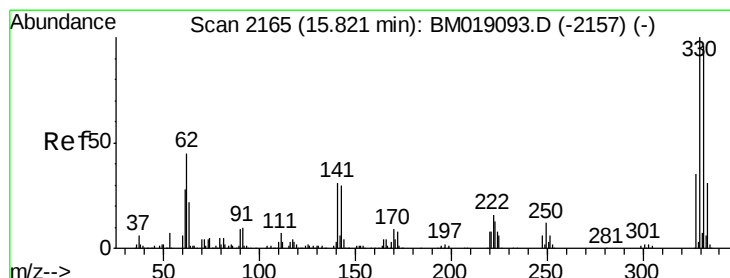
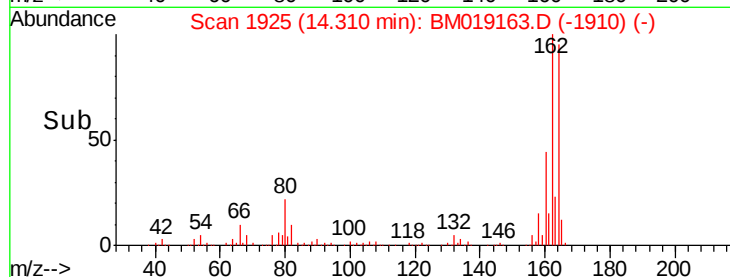
Abundance

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

Time-->



#42

2,4,6-Tribromophenol

Concen: 146.426 ng

RT: 15.81 min Scan# 2180

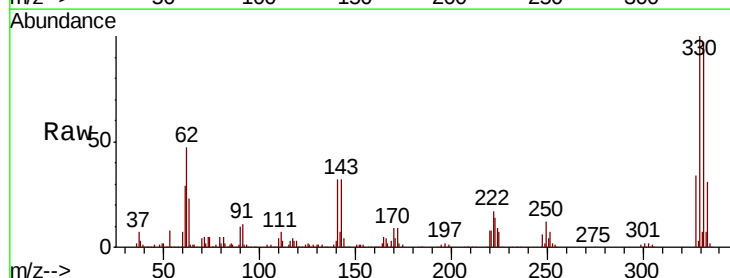
Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Tgt Ion:330 Resp: 1212276

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	32.7	27.0	40.4



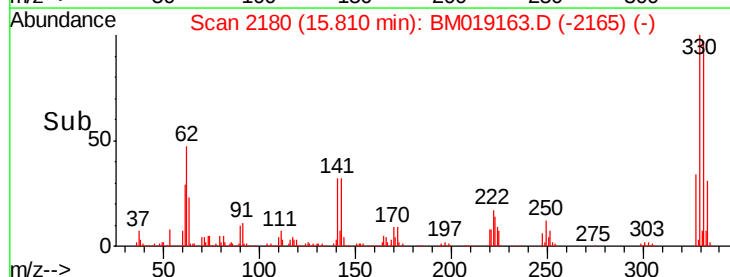
Abundance

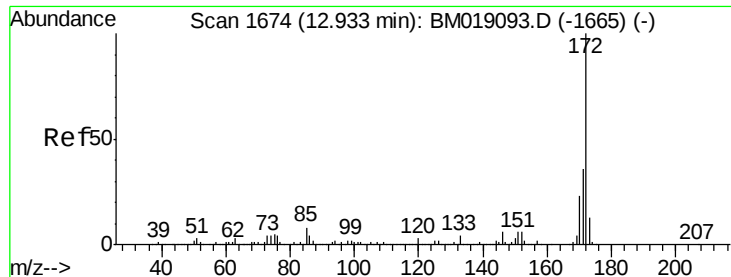
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

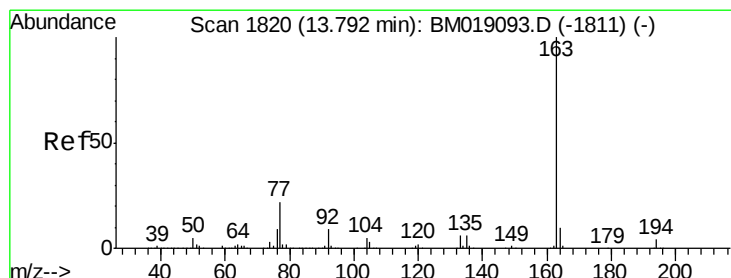
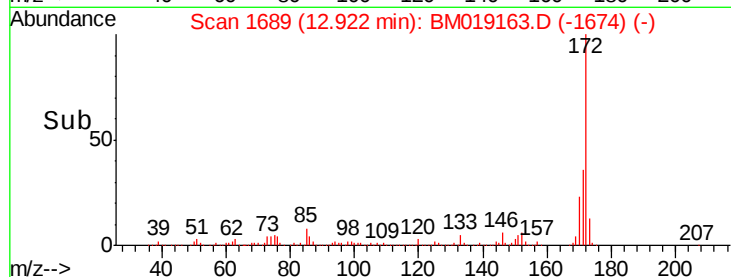
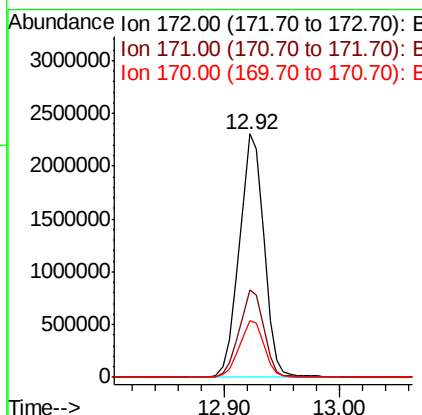
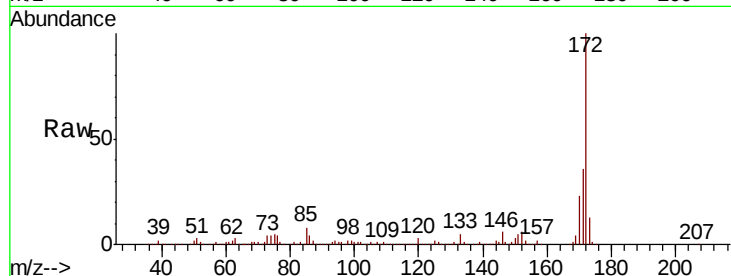




#45
2-Fluorobiphenyl
Concen: 79.548 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

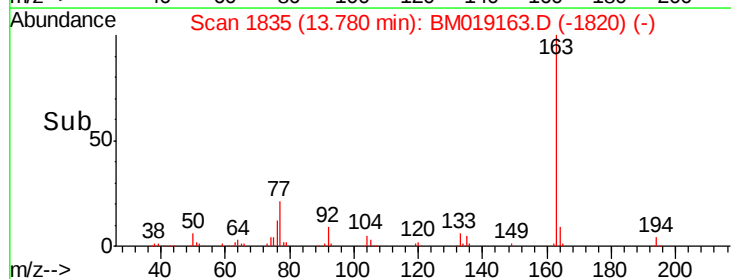
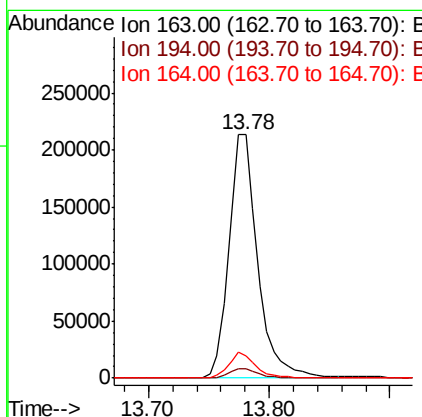
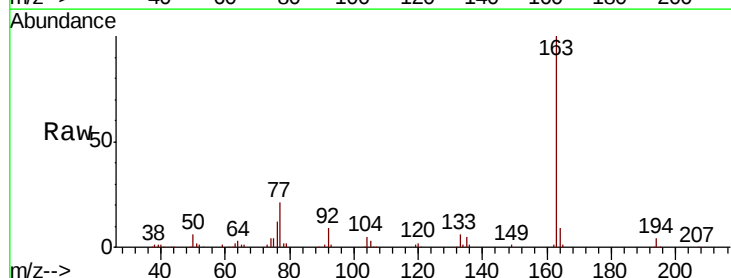
Instrument :
BNA_M
ClientSampleId :
TP-24

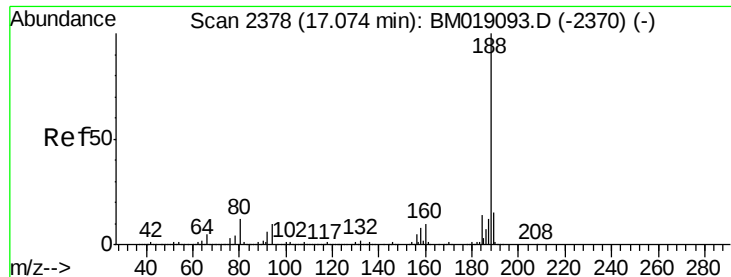
Tot Ion:172 Resp: 3429201
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.1 18.6 28.0



#50
Dimethylphthalate
Concen: 7.372 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

Tgt Ion:163 Resp: 353644
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.3 7.7 11.5

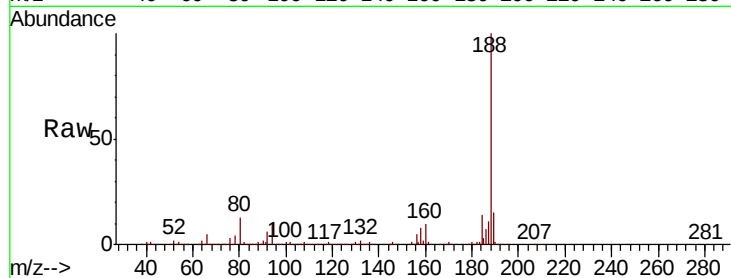




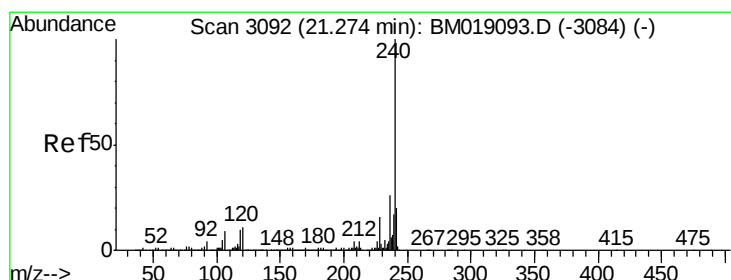
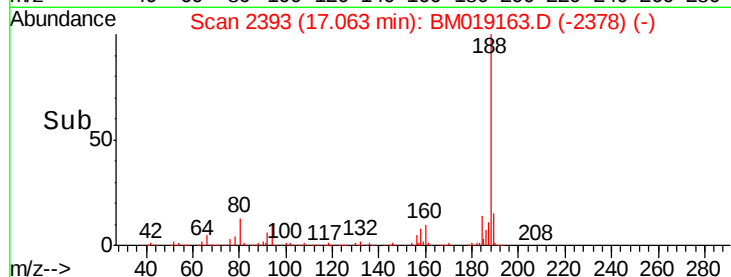
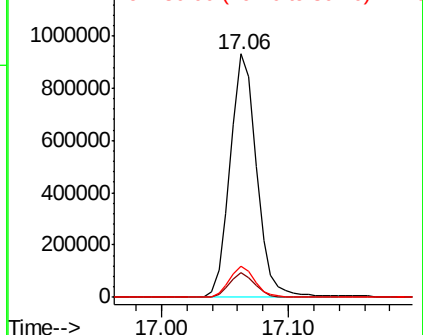
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

Instrument :
BNA_M
ClientSampleId :
TP-24

Tot Ion:188 Resp: 1348356
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 12.5 9.7 14.5

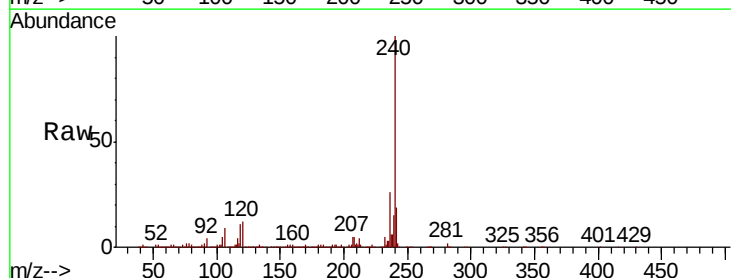


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

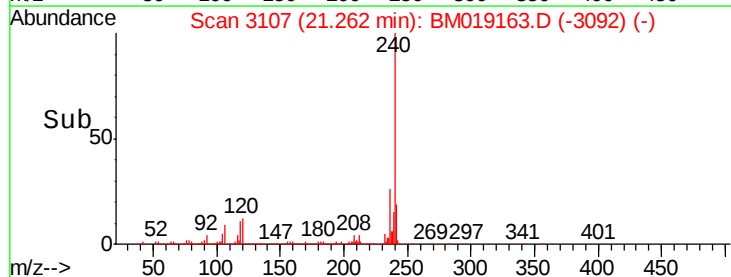
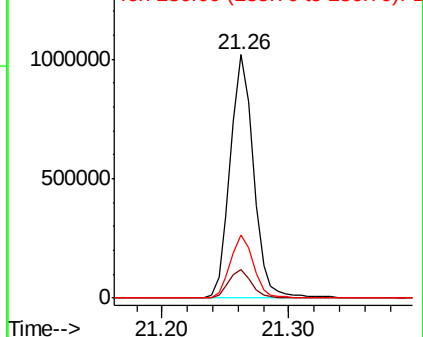


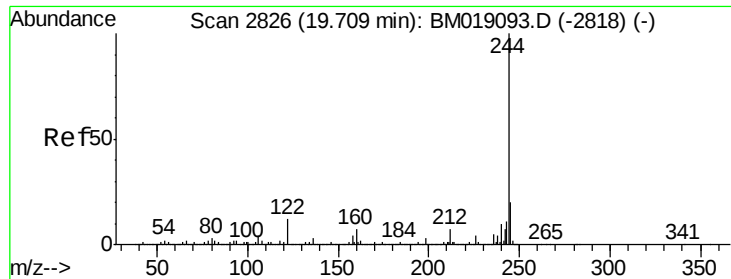
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019163.D
Acq: 14 Mar 2019 11:25

Tgt Ion:240 Resp: 1304872
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.9 21.0 31.4



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: 89.098 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

Instrument :

BNA_M

ClientSampleId :

TP-24

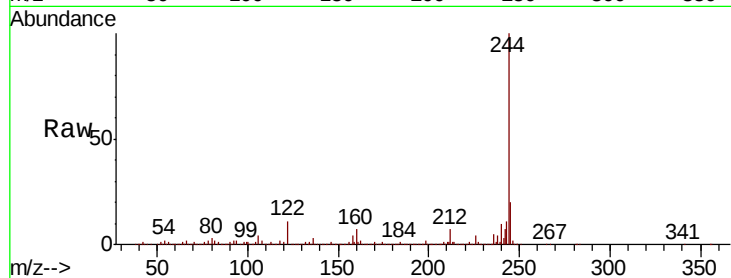
Tot Ion:244 Resp: 5856339

Ion Ratio Lower Upper

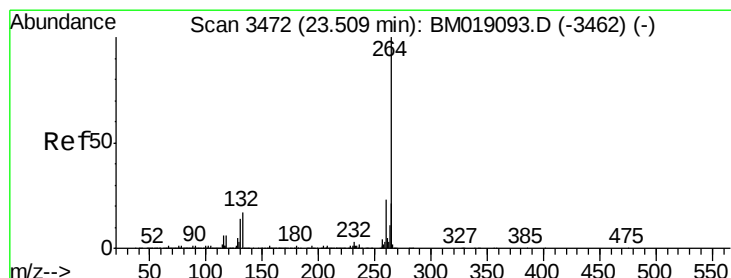
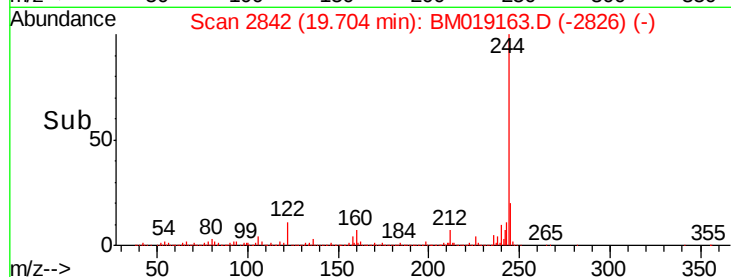
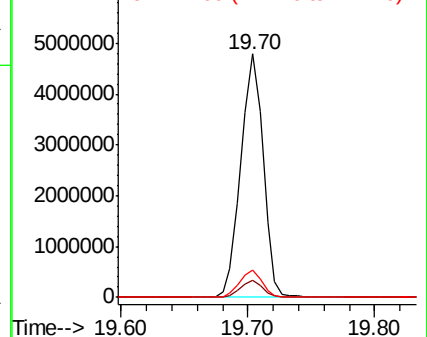
244 100

212 6.8 5.4 8.2

122 11.2 9.4 14.2



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: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019163.D

Acq: 14 Mar 2019 11:25

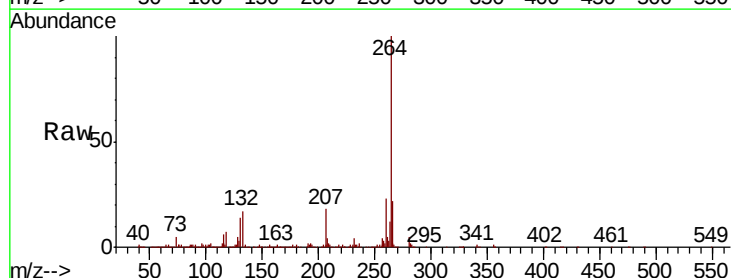
Tgt Ion:264 Resp: 1146737

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.1 17.3 25.9



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

