

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019238.D
 Acq On : 19 Mar 2019 16:05
 Operator : JU/SJ
 Sample : K1930-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5

Quant Time: Mar 20 05:11:26 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	7.64	152	182124	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	745604	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	473902	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1102294	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1001753	20.00	ng	-0.02
87) Perylene-d12	23.49	264	899263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1467639	130.50	ng	-0.01
7) Phenol-d6	6.82	99	1835365	111.58	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1533530	97.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1187303	169.69	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3343260	91.77	ng	-0.02
79) Terphenyl-d14	19.70	244	6132727	121.53	ng	-0.01

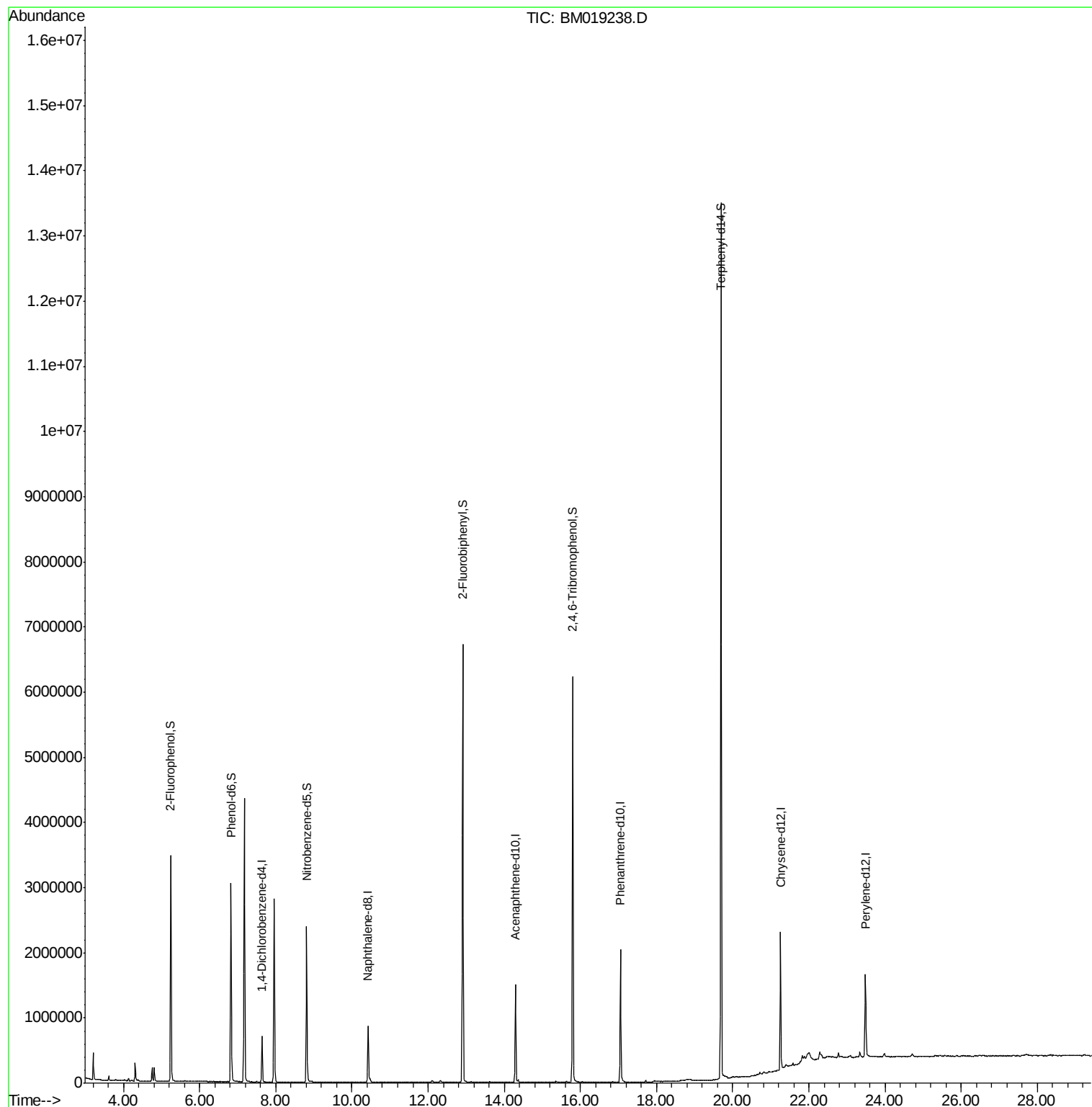
Target Compounds	Qvalue
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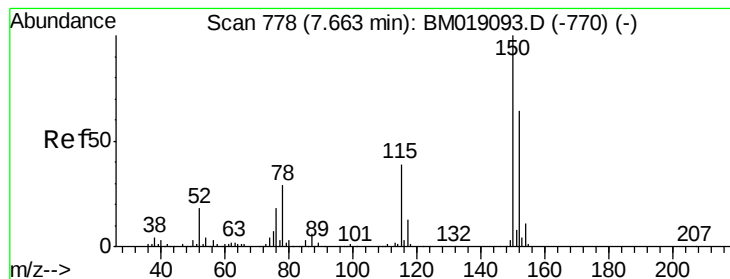
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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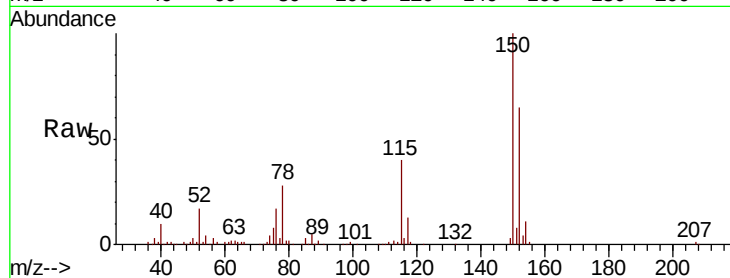


#1

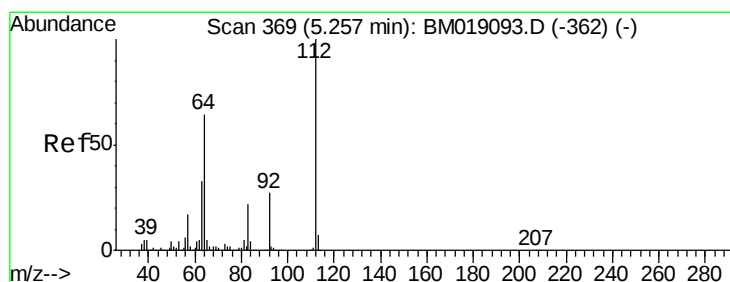
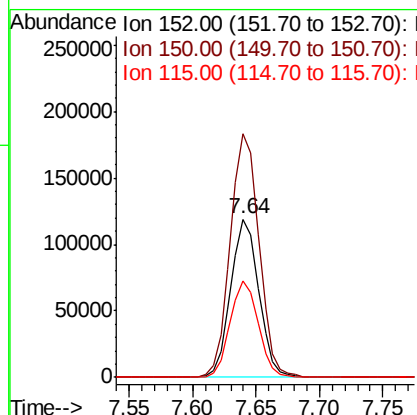
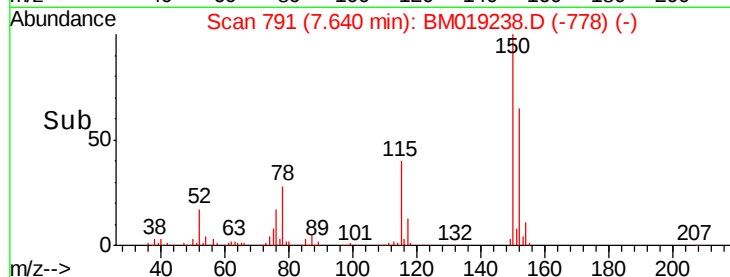
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 182124
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 61.0 49.4 74.0



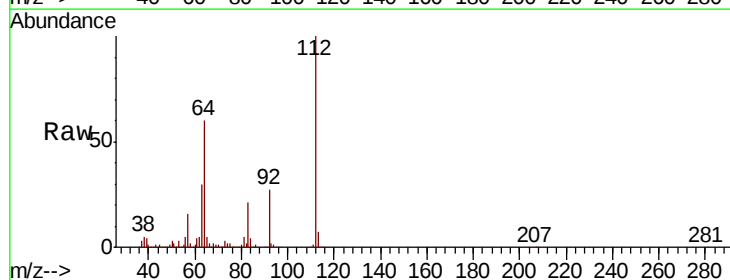
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



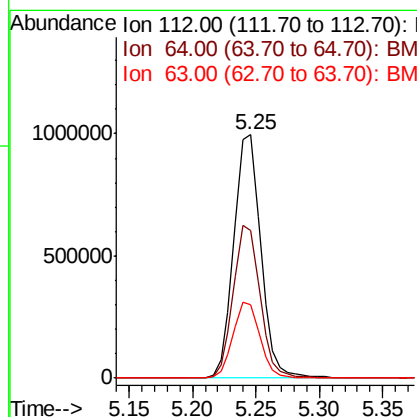
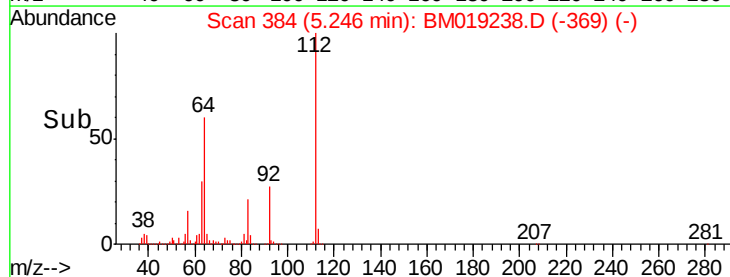
#5

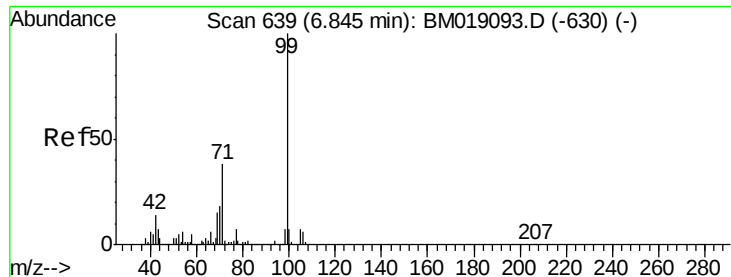
2-Fluorophenol
Concen: 130.505 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:112 Resp: 1467639
Ion Ratio Lower Upper
112 100
64 60.5 51.4 77.0
63 30.3 26.6 40.0



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: 111.577 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019238.D

Acq: 19 Mar 2019 16:05

Instrument :

BNA_M

ClientSampleId :

TP-5

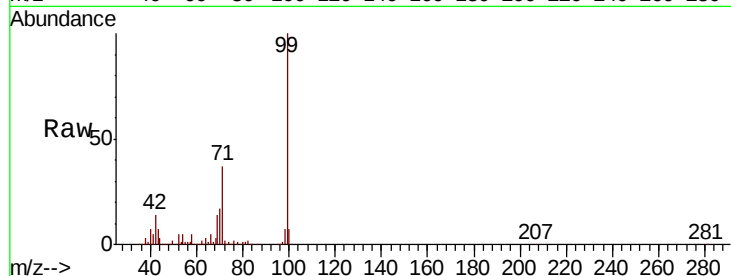
Tgt Ion: 99 Resp: 1835365

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

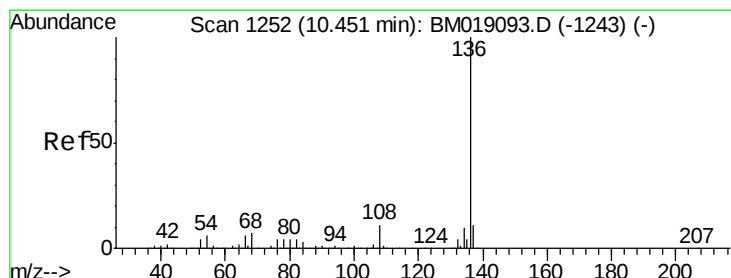
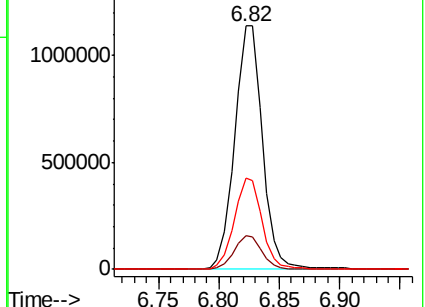
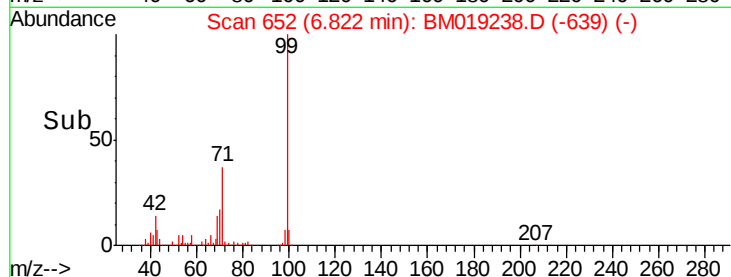
71 37.4 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019238.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019238.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019238.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019238.D

Acq: 19 Mar 2019 16:05

Tgt Ion: 136 Resp: 745604

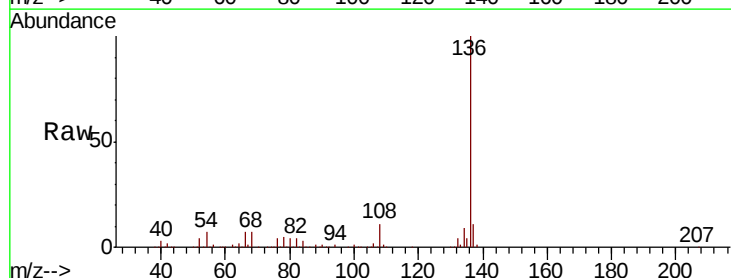
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.7 5.2 7.8

68 7.4 5.8 8.8

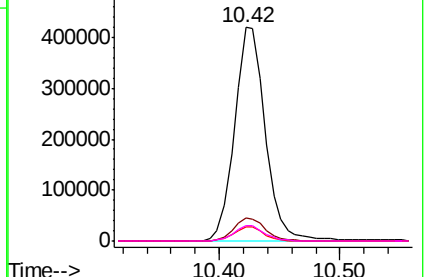
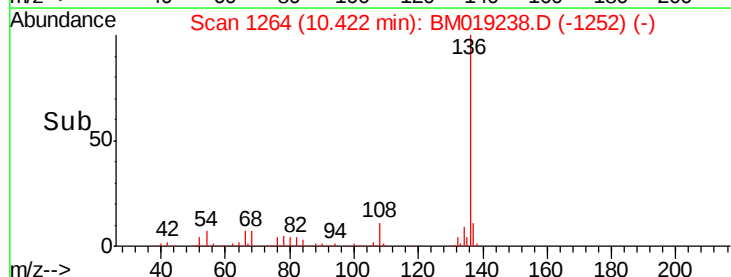


Abundance Ion 136.00 (135.70 to 136.70): BM019238.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019238.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019238.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019238.D (-1252) (-)

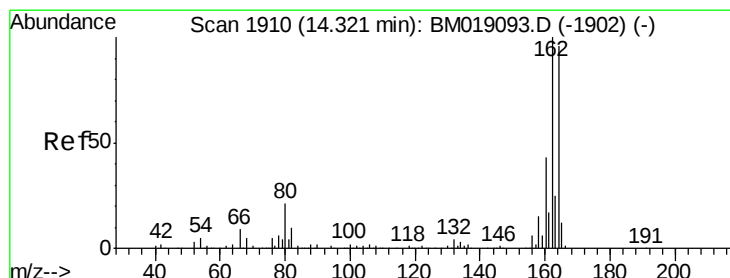
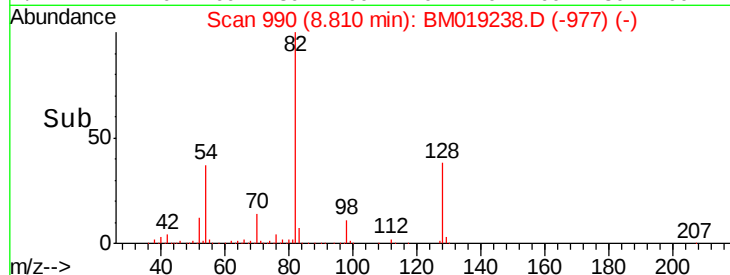
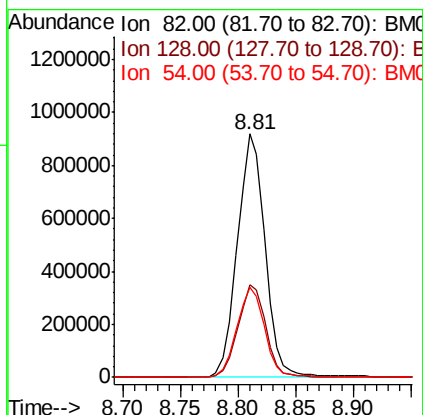
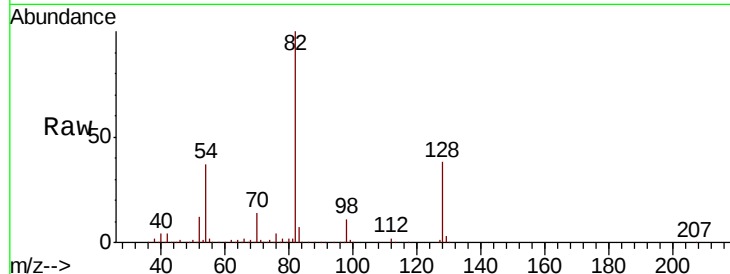




#23
 Nitrobenzene-d5
 Concen: 97.223 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM019238.D
 Acq: 19 Mar 2019 16:05

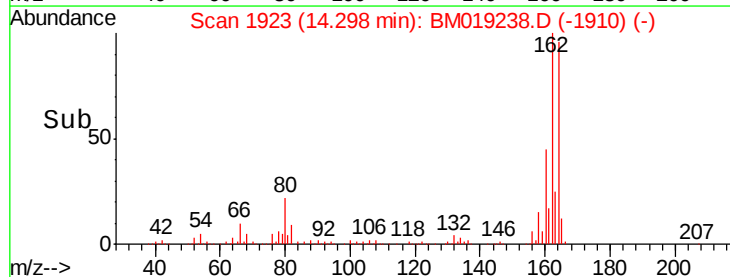
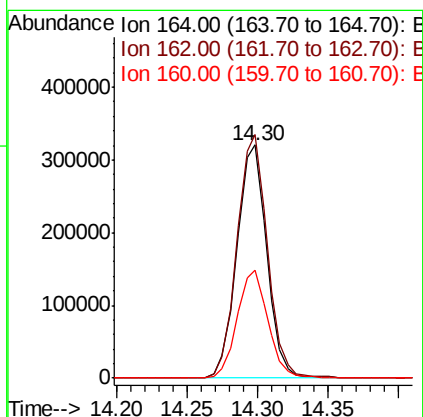
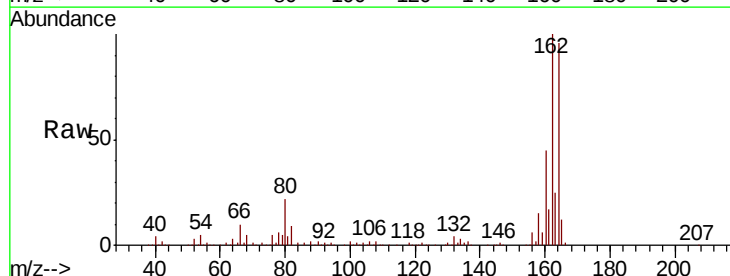
Instrument :
 BNA_M
 ClientSampleId :
 TP-5

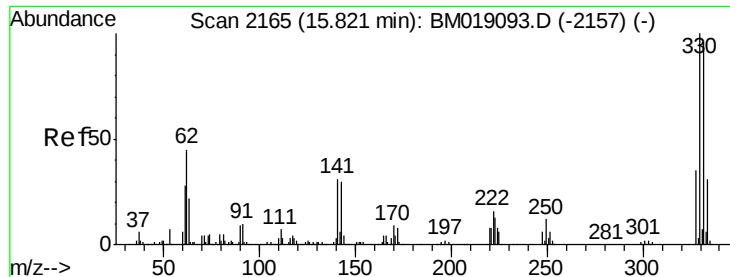
Tgt Ion: 82 Resp: 1533530
 Ion Ratio Lower Upper
 82 100
 128 38.3 29.4 44.2
 54 37.0 29.9 44.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM019238.D
 Acq: 19 Mar 2019 16:05

Tgt Ion: 164 Resp: 473902
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.5 125.3
 160 46.6 36.3 54.5

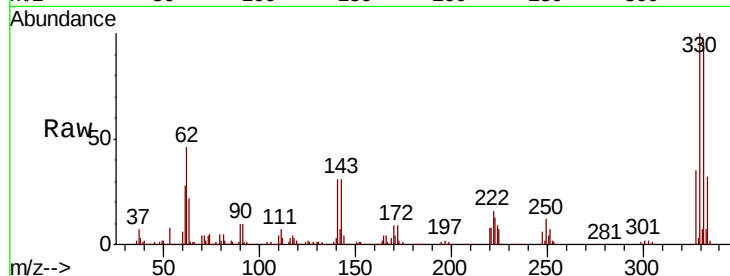




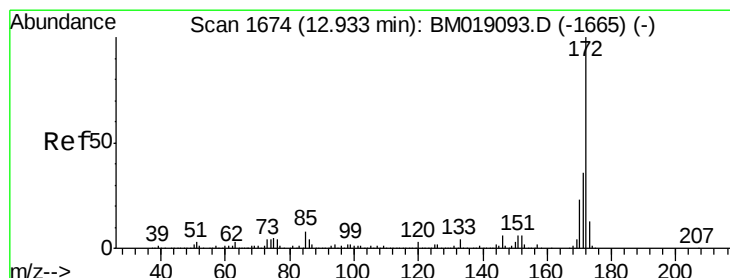
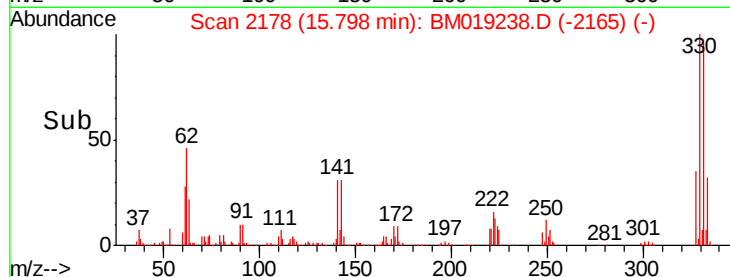
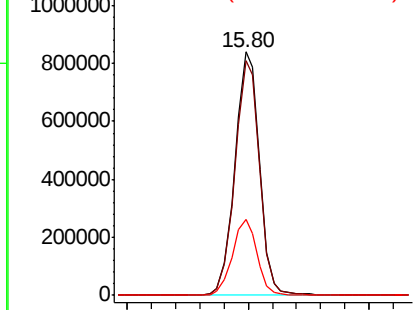
#42
 2,4,6-Tribromophenol
 Concen: 169.688 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM019238.D
 Acq: 19 Mar 2019 16:05

Instrument :
 BNA_M
 ClientSampled :
 TP-5

Tgt Ion:330 Resp: 1187303
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 31.4 27.0 40.4

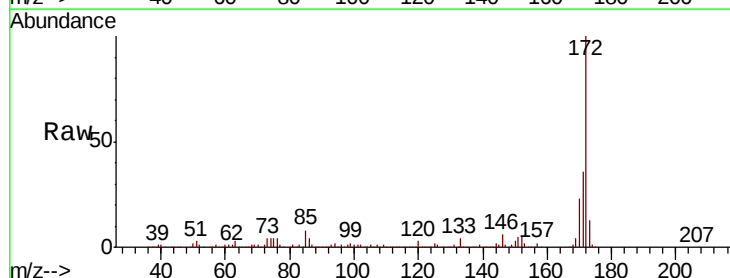


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

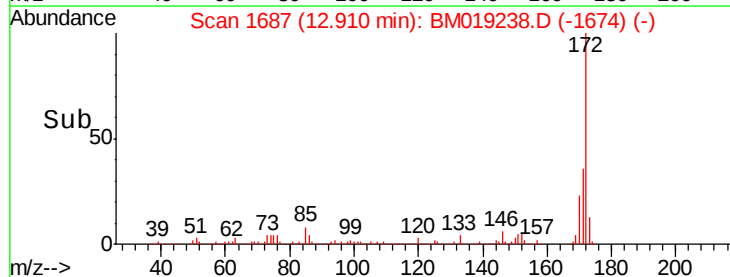
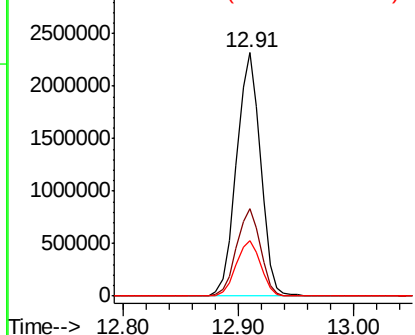


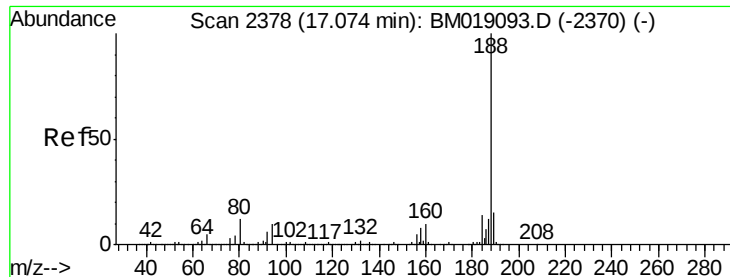
#45
 2-Fluorobiphenyl
 Concen: 91.765 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM019238.D
 Acq: 19 Mar 2019 16:05

Tgt Ion:172 Resp: 3343260
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.0 18.6 28.0



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

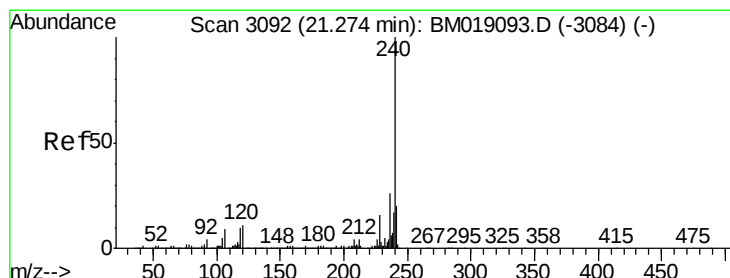
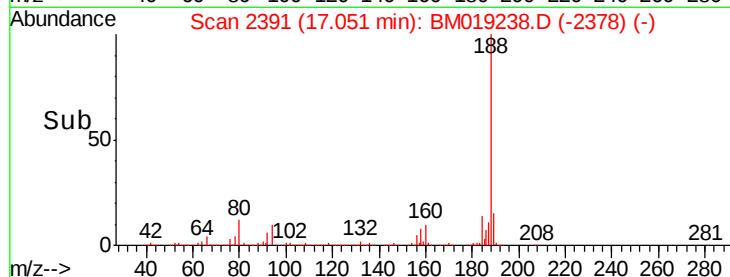
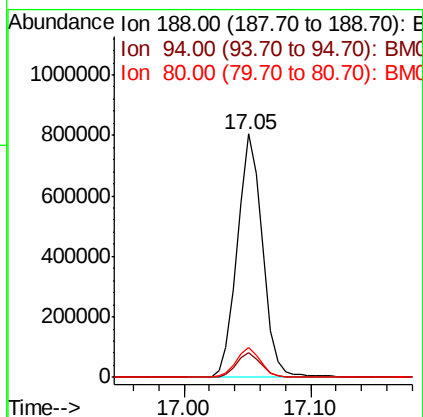
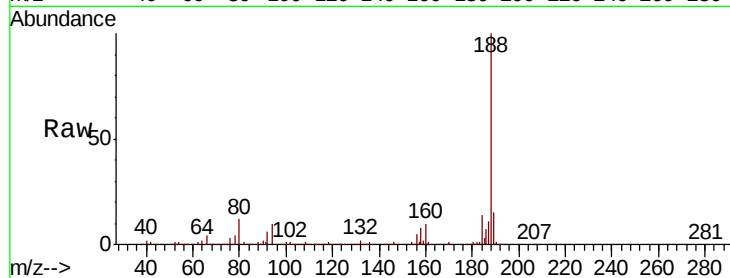




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

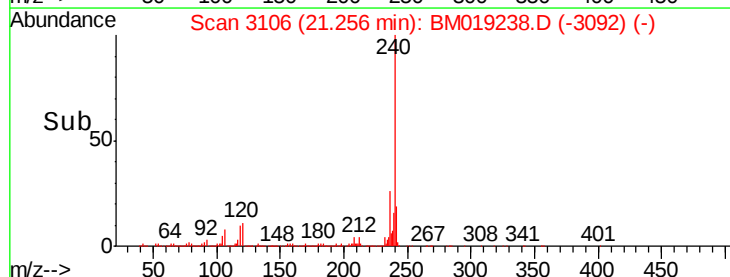
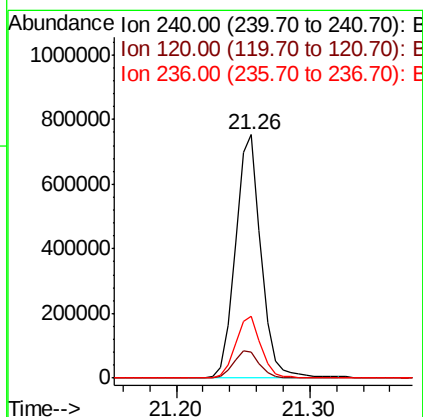
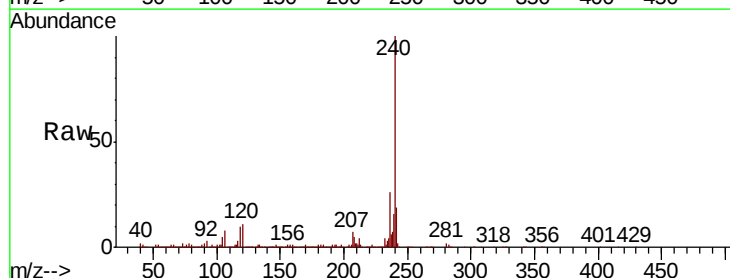
Instrument :
BNA_M
ClientSampled :
TP-5

Tgt Ion:188 Resp: 1102294
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:240 Resp: 1001753
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 121.535 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019238.D

Acq: 19 Mar 2019 16:05

Instrument :

BNA_M

ClientSampleId :

TP-5

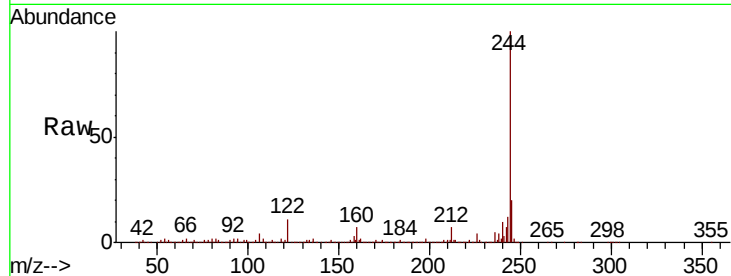
Tgt Ion:244 Resp: 6132727

Ion Ratio Lower Upper

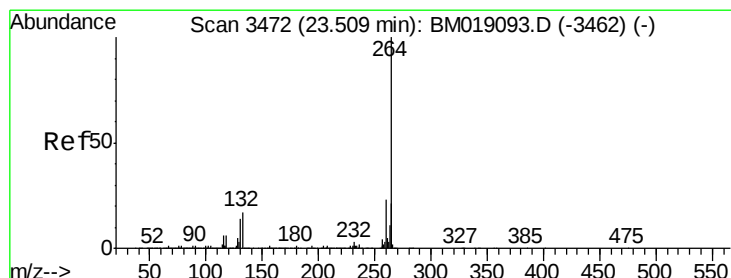
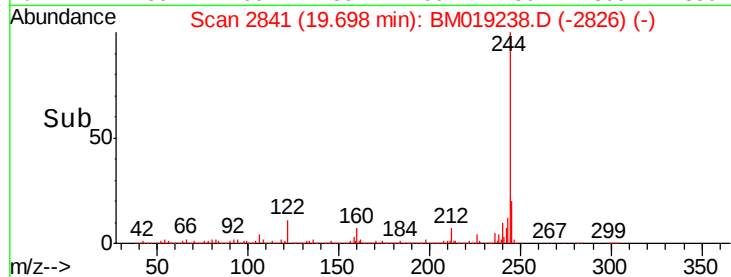
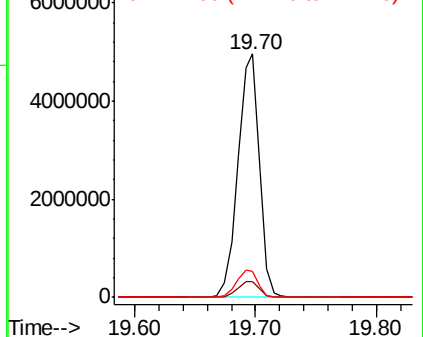
244 100

212 6.6 5.4 8.2

122 10.5 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: 23.49 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM019238.D

Acq: 19 Mar 2019 16:05

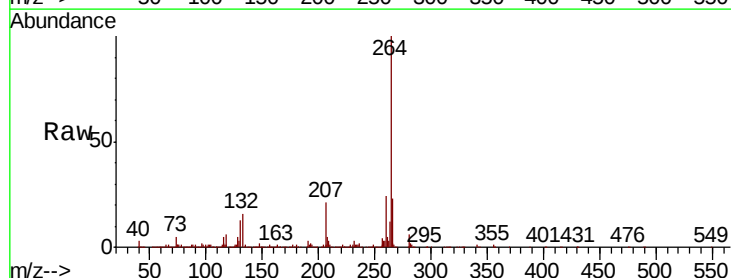
Tgt Ion:264 Resp: 899263

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.5 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

