

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018580.D
 Acq On : 16 Jan 2019 12:37
 Operator : JU/SJ
 Sample : K1139-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Jan 16 13:48:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

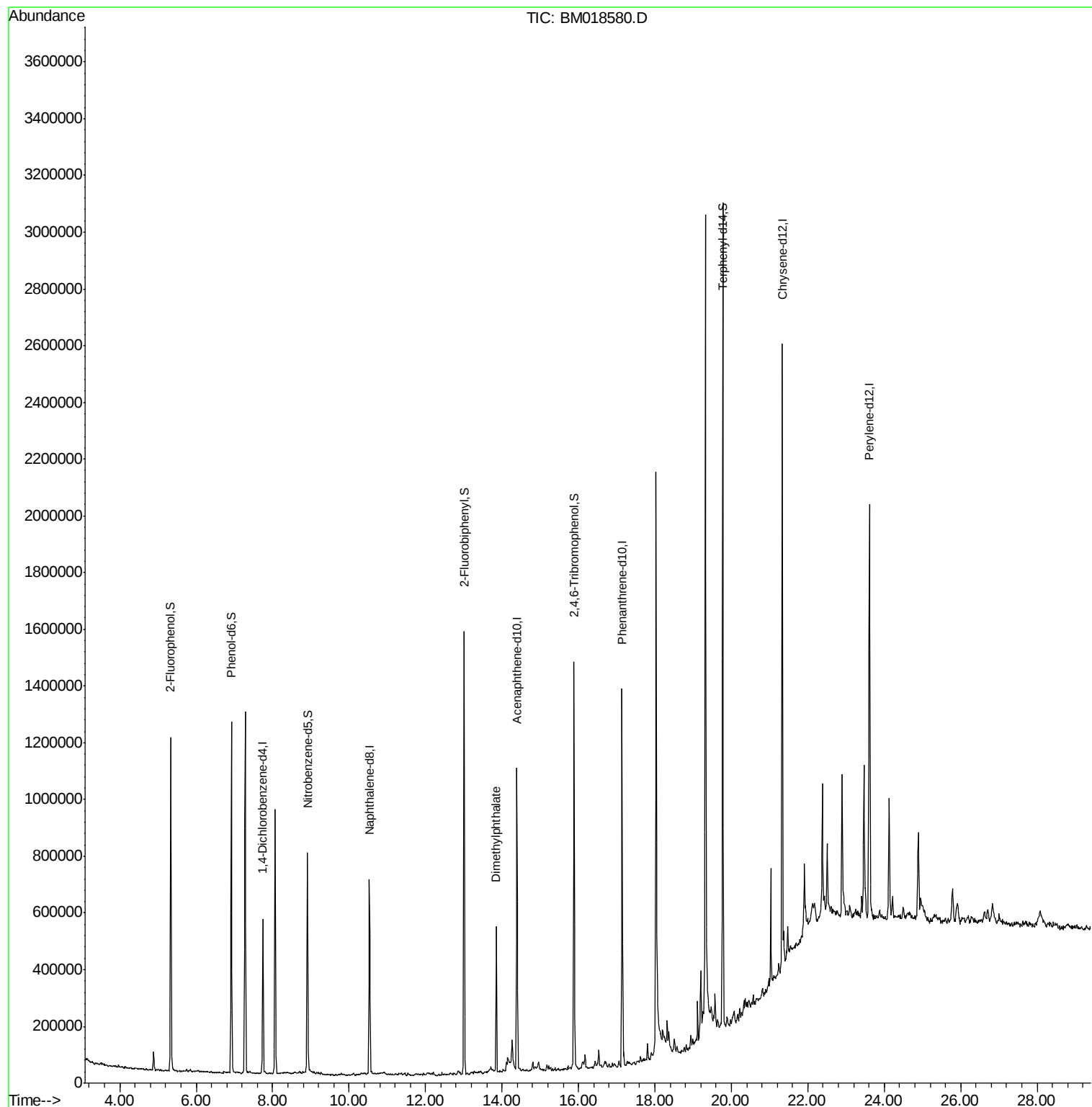
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	145917	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	583620	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	341439	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	798224	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	949115	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1073005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	516398	65.35	ng	-0.02
7) Phenol-d6	6.92	99	676872	67.44	ng	-0.02
23) Nitrobenzene-d5	8.91	82	414239	41.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	239710	55.14	ng	-0.02
45) 2-Fluorobiphenyl	13.01	172	830443	31.74	ng	-0.01
79) Terphenyl-d14	19.77	244	1304292	28.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.85	163	302250	10.779	ng	Qvalue 98

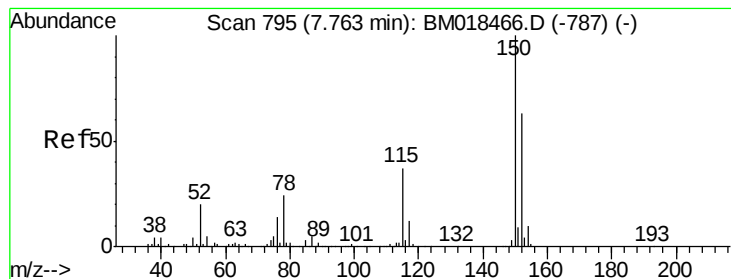
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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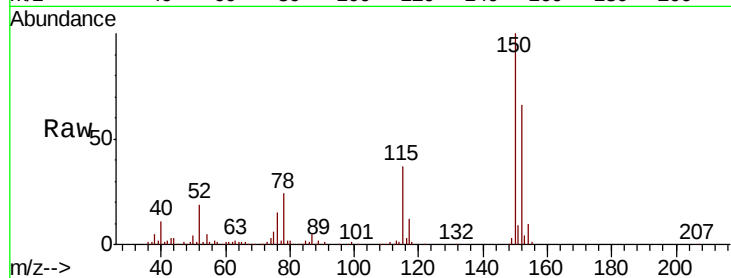


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Instrument :
BNA_M
ClientSampleId :
S-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.9	190.3
115	55.2	45.5	68.3

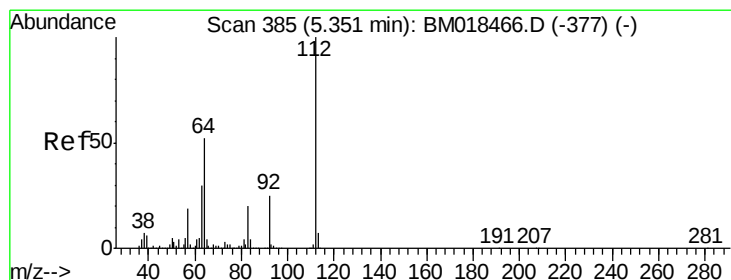
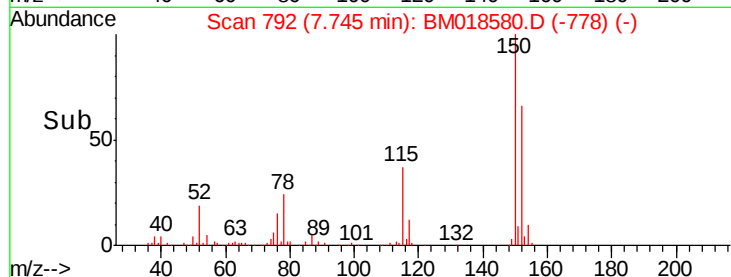
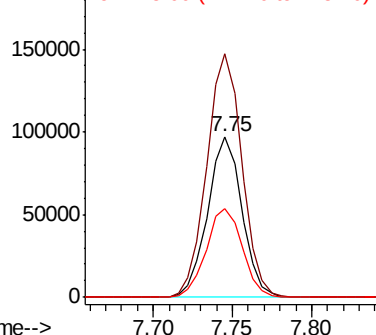


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

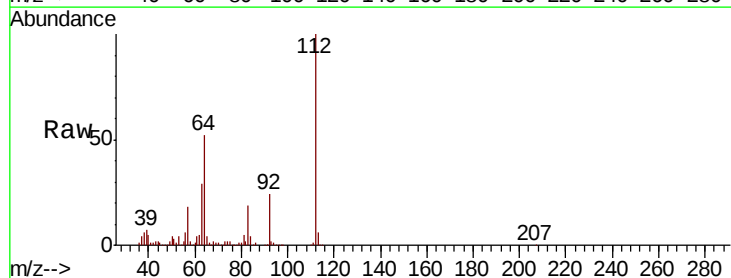
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.347 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.5	69.7
63	29.0	25.2	37.8

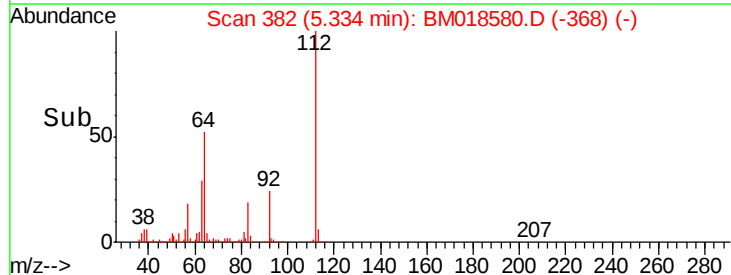
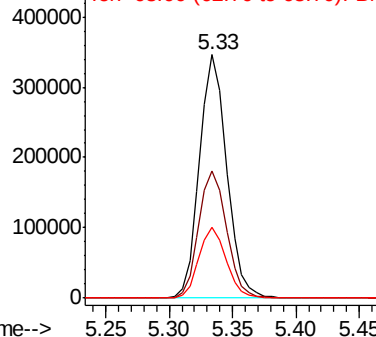


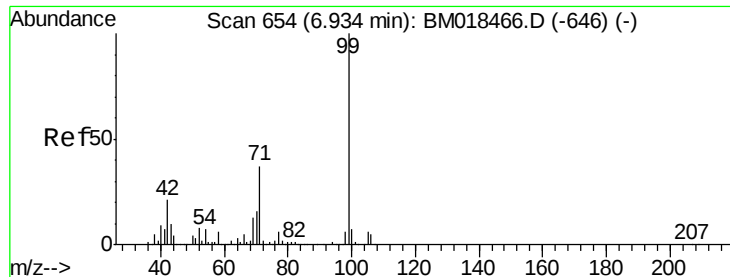
Abundance

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: 67.438 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018580.D

Acq: 16 Jan 2019 12:37

Instrument :

BNA_M

ClientSampled :

S-2

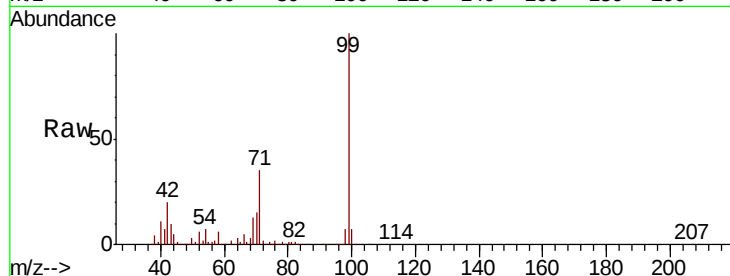
Tot Ion: 99 Resp: 676872

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

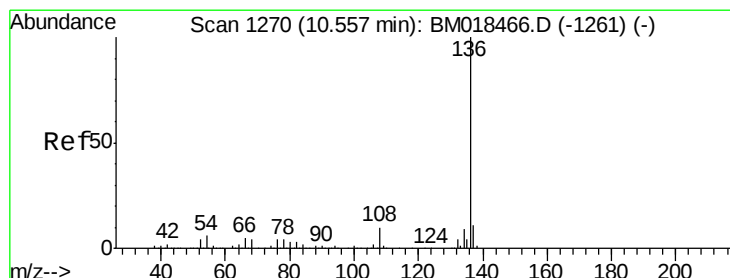
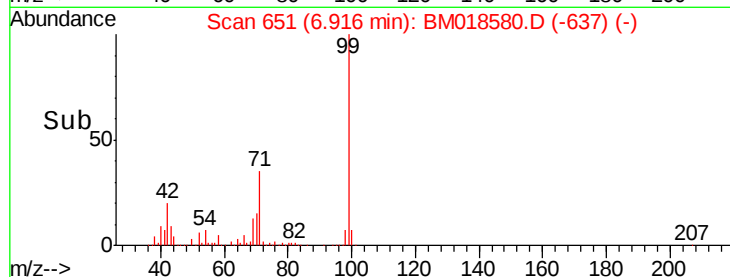
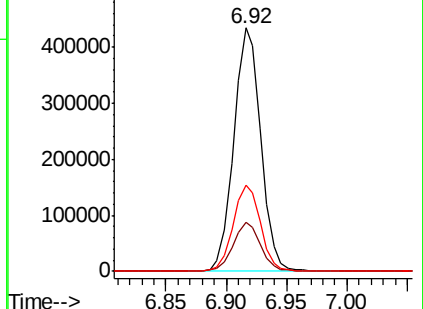
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018580.D

Acq: 16 Jan 2019 12:37

Tgt Ion: 136 Resp: 583620

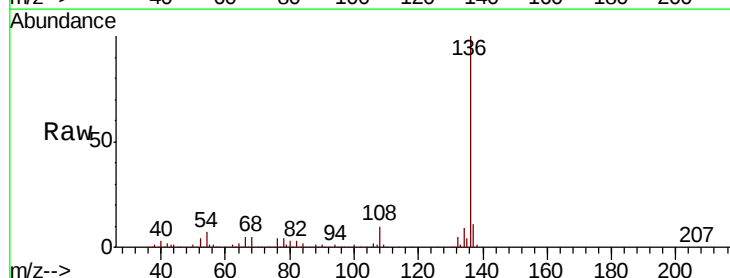
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 6.0 9.0

68 4.7 4.5 6.7

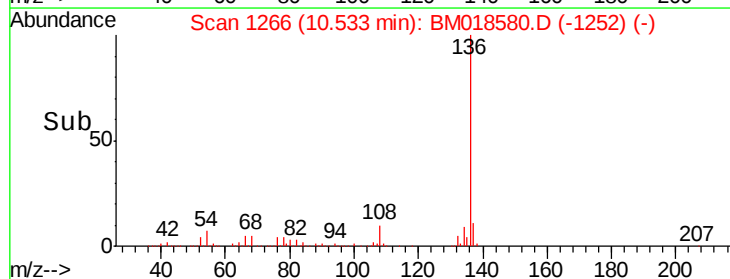
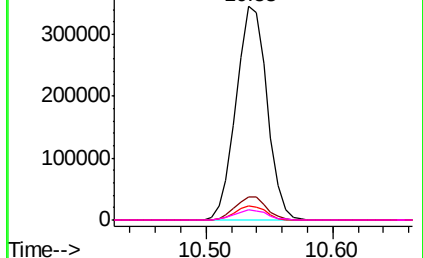


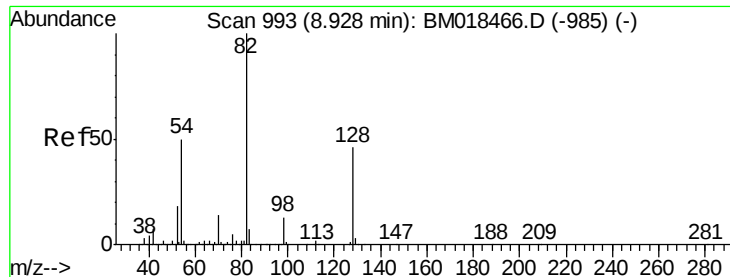
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

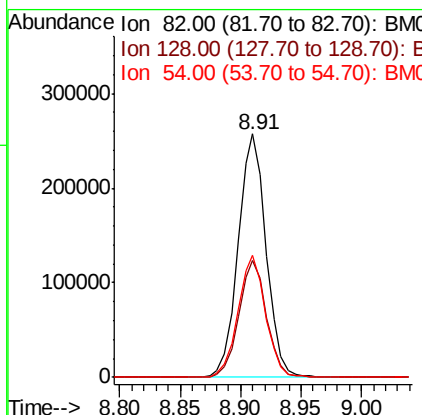
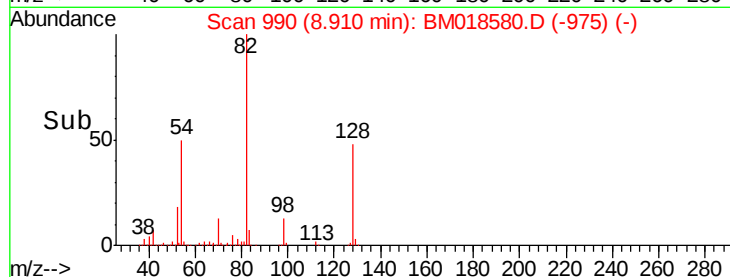
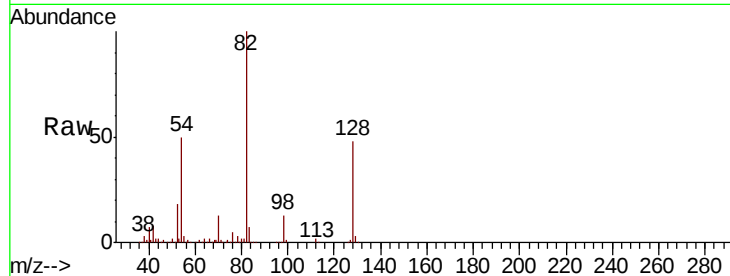




#23
Nitrobenzene-d5
Concen: 41.146 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

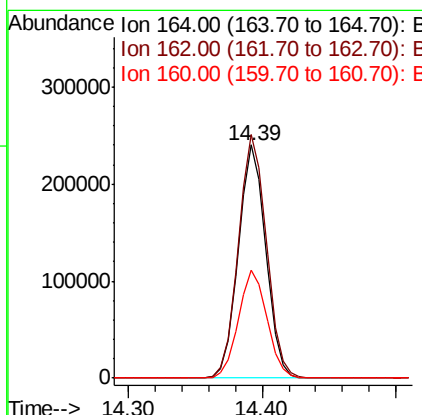
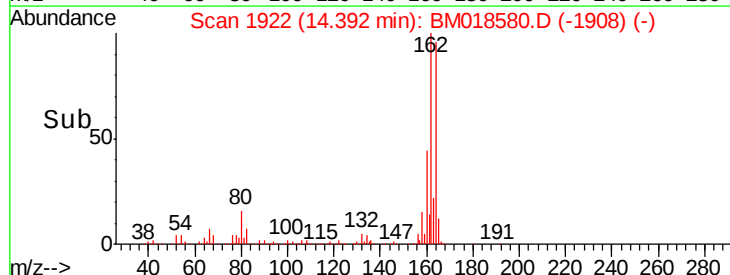
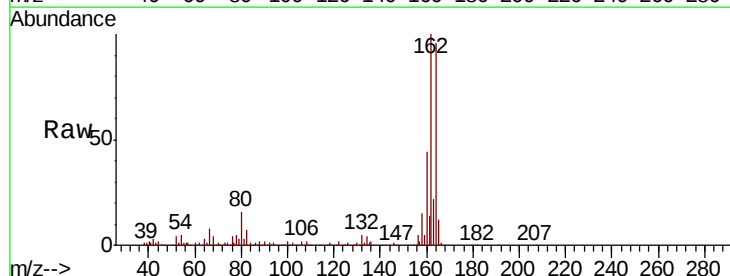
Instrument :
BNA_M
ClientSampleId :
S-2

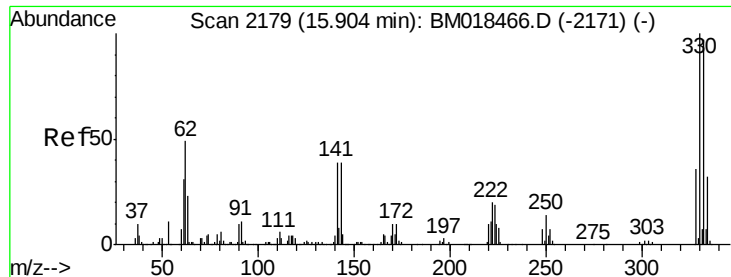
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	50.2	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	46.3	37.1	55.7

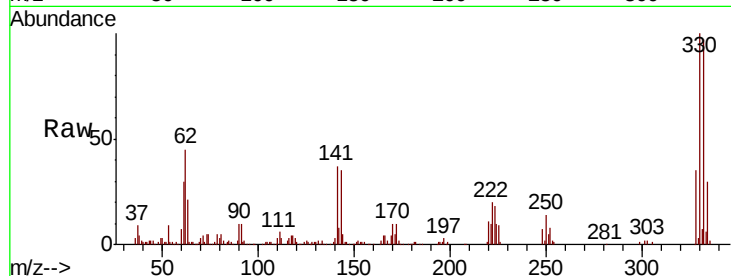




#42
 2,4,6-Tribromophenol
 Concen: 55.138 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018580.D
 Acq: 16 Jan 2019 12:37

Instrument :
 BNA_M
 ClientSampled :
 S-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	39.3	31.7	47.5

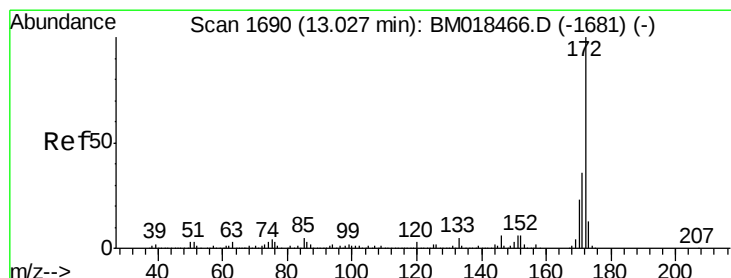
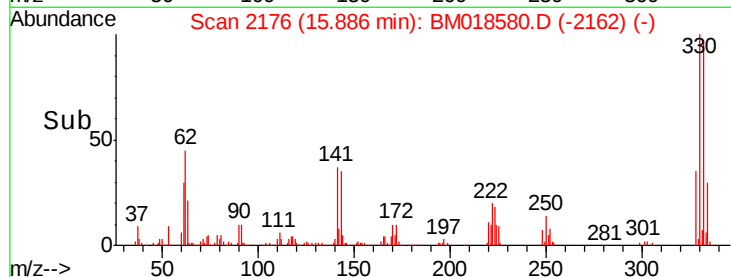
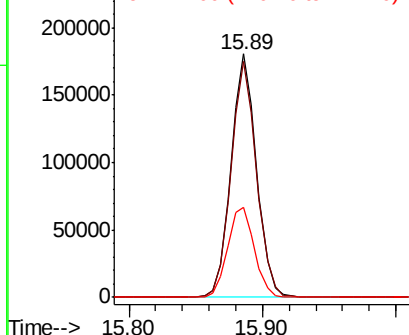


Abundance

Ion 329.80 (329.50 to 330.50): E

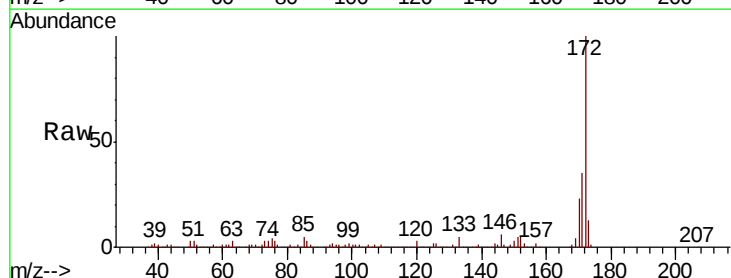
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 31.737 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018580.D
 Acq: 16 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.9	28.3

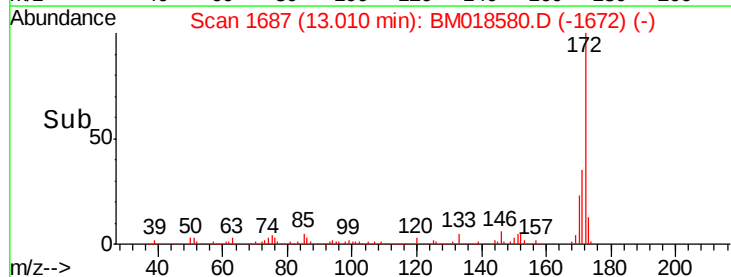
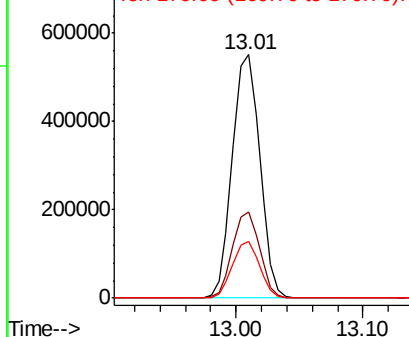


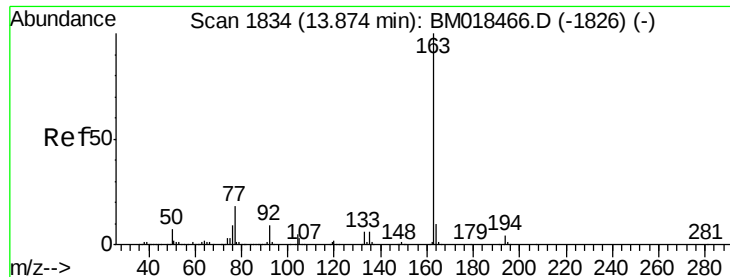
Abundance

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: 10.779 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018580.D

Acq: 16 Jan 2019 12:37

Instrument :

BNA_M

ClientSampleId :

S-2

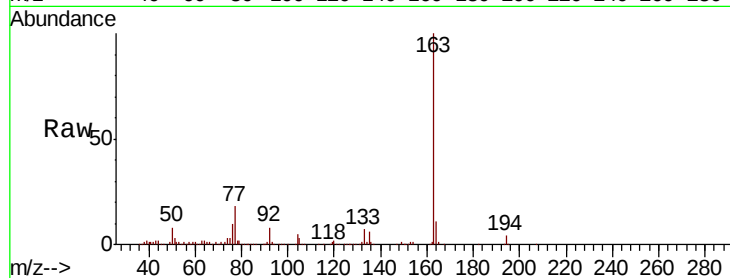
Tot Ion:163 Resp: 302250

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

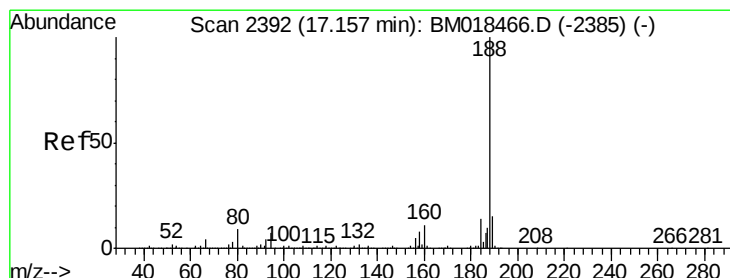
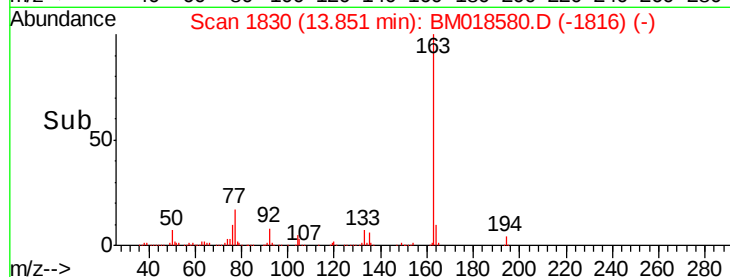
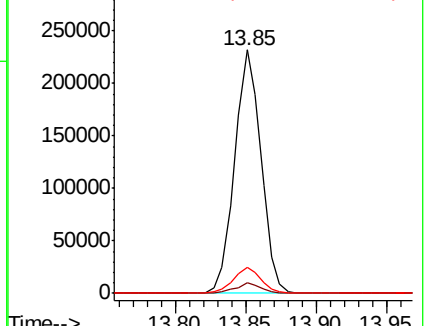
164 10.6 7.8 11.8



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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018580.D

Acq: 16 Jan 2019 12:37

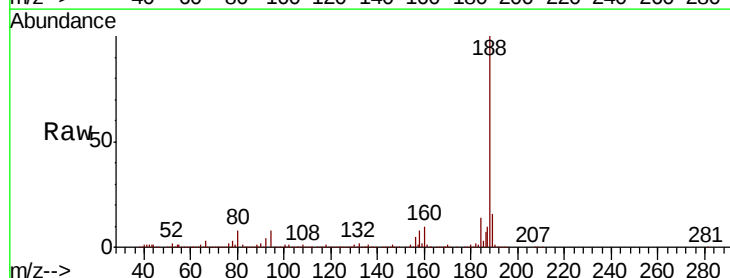
Tgt Ion:188 Resp: 798224

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

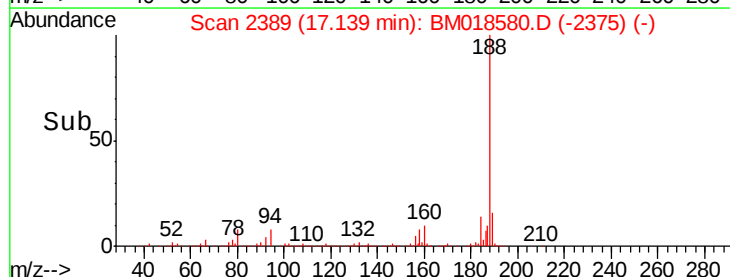
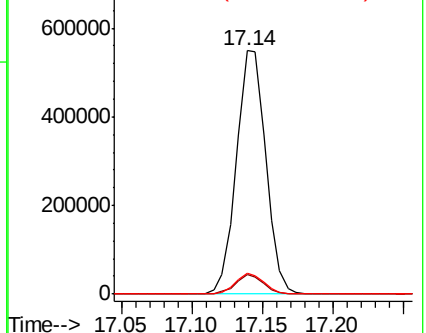
80 8.3 7.6 11.4

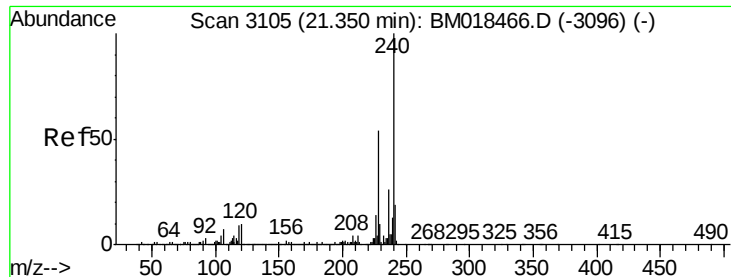


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

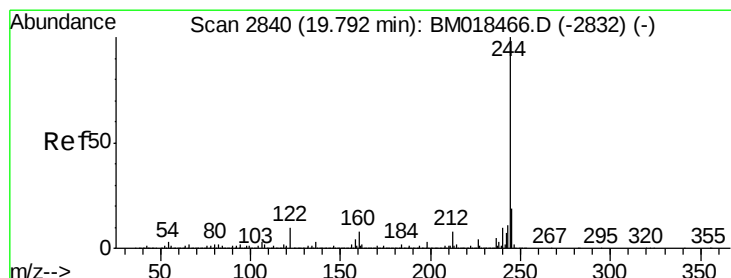
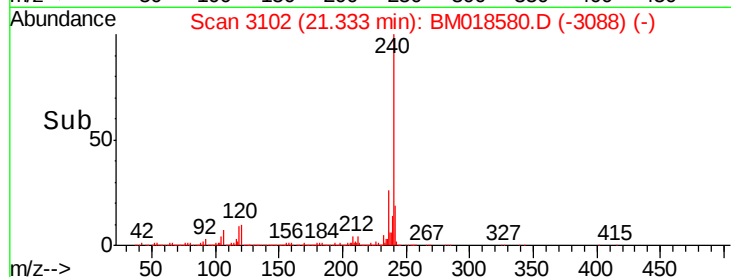
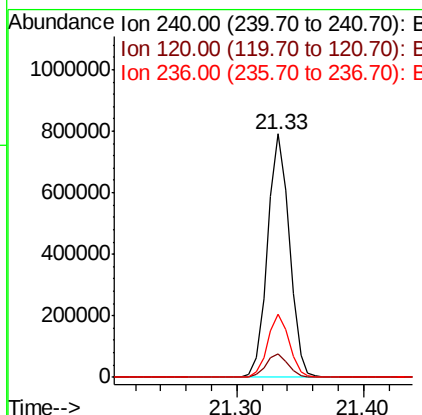
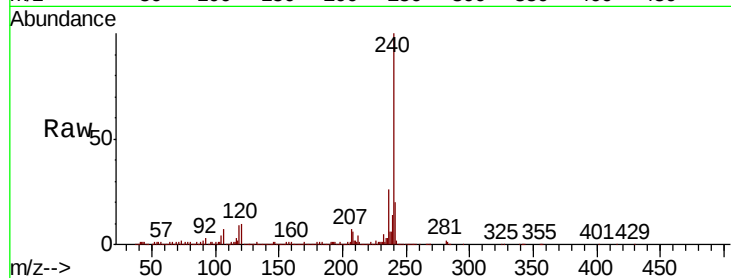




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM018580.D
 Acq: 16 Jan 2019 12:37

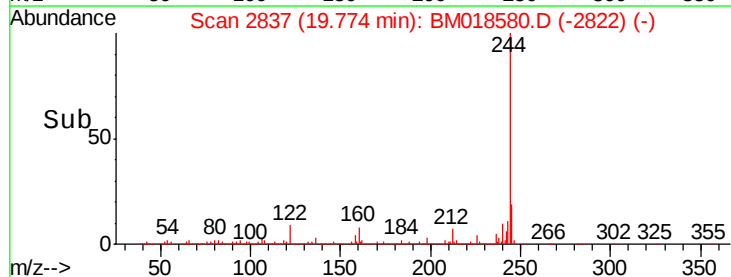
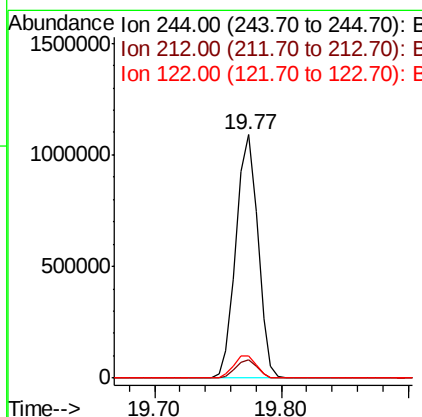
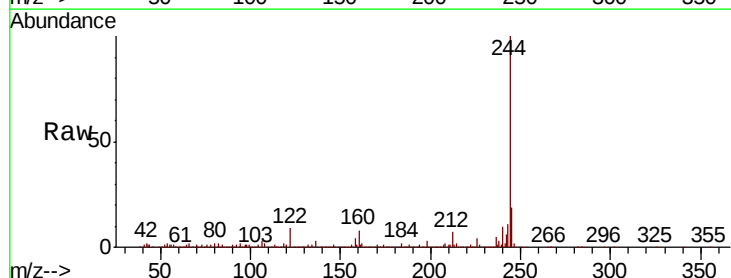
Instrument :
 BNA_M
 ClientSampled :
 S-2

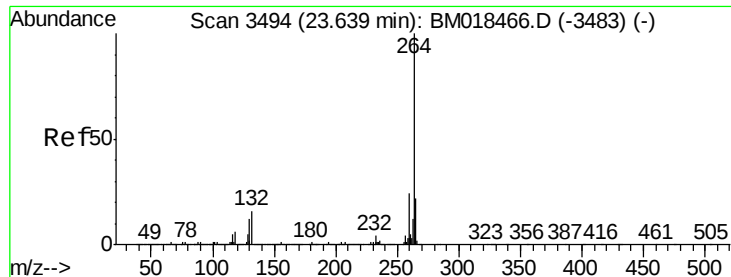
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.8	20.7	31.1



#79
 Terphenyl-d14
 Concen: 28.969 ng
 RT: 19.77 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BM018580.D
 Acq: 16 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.0	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM018580.D
Acq: 16 Jan 2019 12:37

Instrument :
BNA_M
ClientSampleId :
S-2

Tot Ion: 264 Resp: 1073005

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.0	16.8	25.2

