

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019296.D
 Acq On : 21 Mar 2019 18:32
 Operator : JU/SJ
 Sample : K2010-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Mar 22 04:44:12 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	7.63	152	137259	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	522599	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	392578	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	898411	20.00	ng	-0.03
76) Chrysene-d12	21.25	240	681143	20.00	ng	-0.02
87) Perylene-d12	23.47	264	678627	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	966580	114.04	ng	-0.02
7) Phenol-d6	6.81	99	1167878	94.21	ng	-0.04
23) Nitrobenzene-d5	8.80	82	966661	87.44	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	819611	141.40	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	2471465	81.89	ng	-0.04
79) Terphenyl-d14	19.69	244	4169427	121.52	ng	-0.02

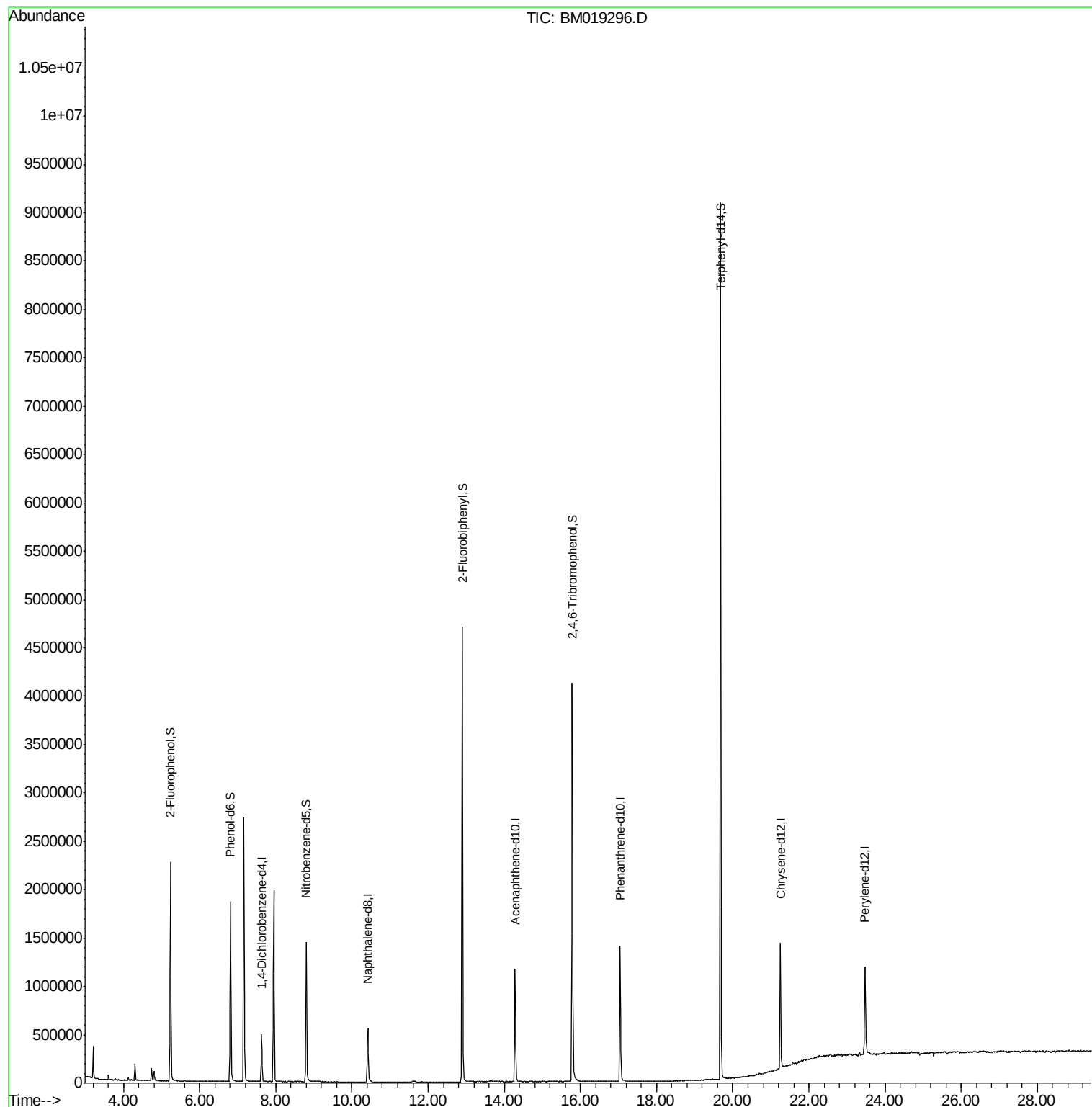
Target Compounds Qvalue

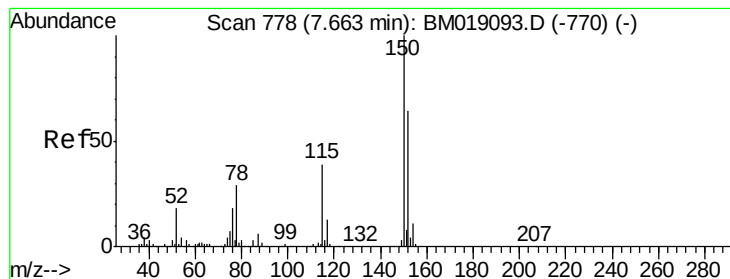
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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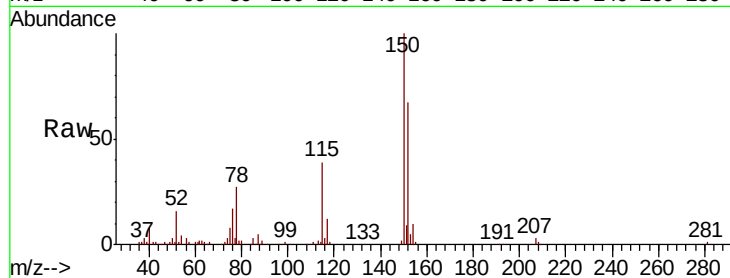


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.04 min
 Lab File: BM019296.D
 Acq: 21 Mar 2019 18:32

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.3	187.9
115	58.3	49.4	74.0

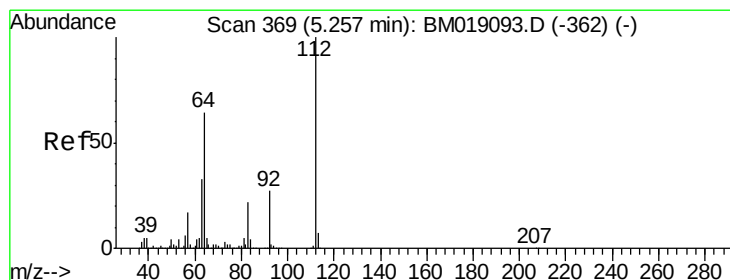
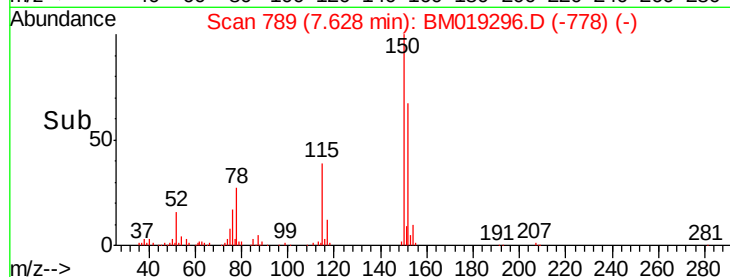
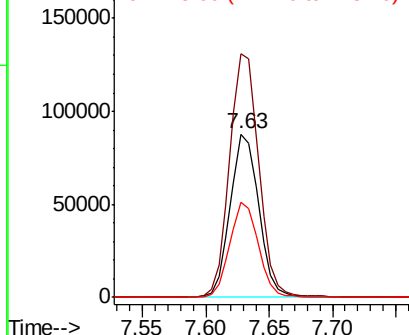


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

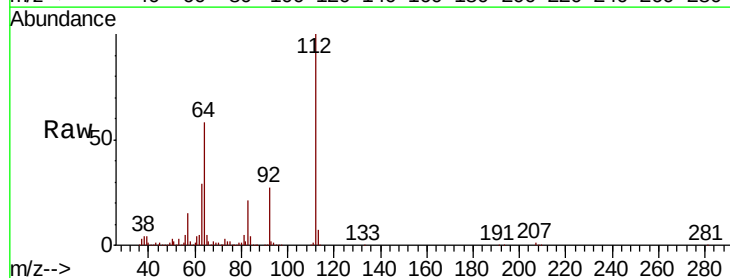
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 114.044 ng
 RT: 5.23 min Scan# 382
 Delta R.T. -0.02 min
 Lab File: BM019296.D
 Acq: 21 Mar 2019 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	51.4	77.0
63	29.3	26.6	40.0

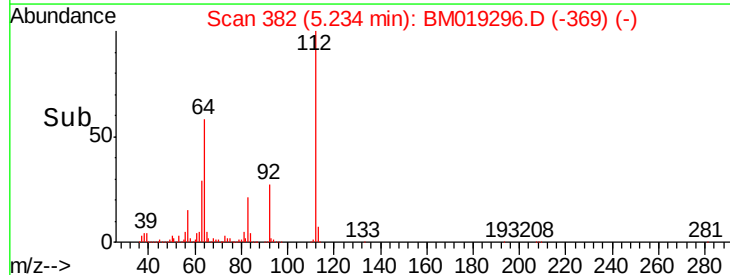
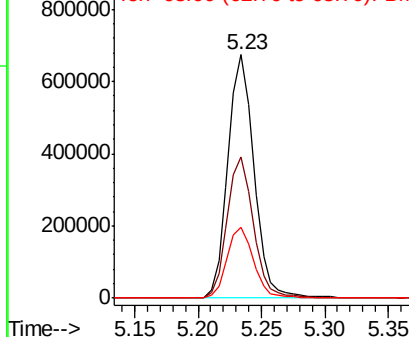


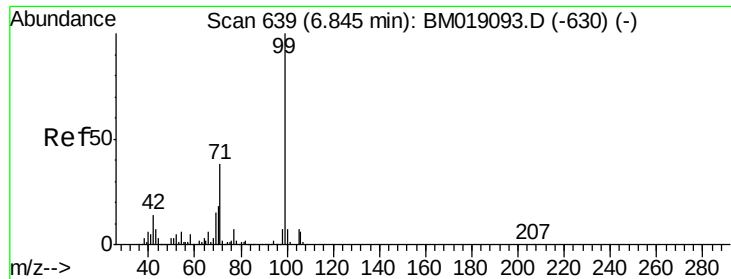
Abundance

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: 94.205 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.04 min

Lab File: BM019296.D

Acq: 21 Mar 2019 18:32

Instrument :

BNA_M

ClientSampleId :

TP-1

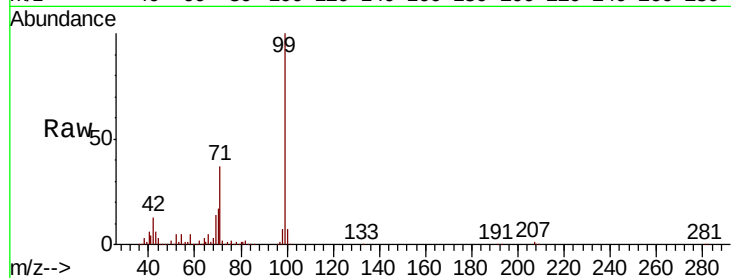
Tot Ion: 99 Resp: 1167878

Ion Ratio Lower Upper

99 100

42 12.9 10.9 16.3

71 36.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)

6.81

800000

600000

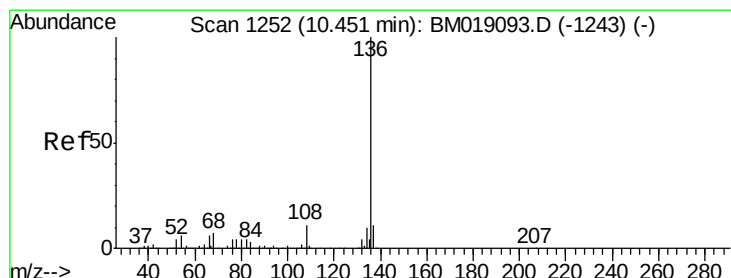
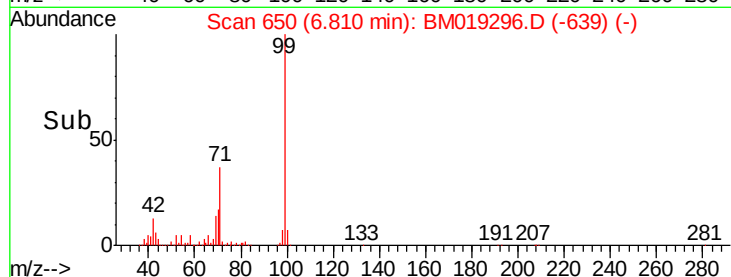
400000

200000

0

6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019296.D

Acq: 21 Mar 2019 18:32

Tgt Ion: 136 Resp: 522599

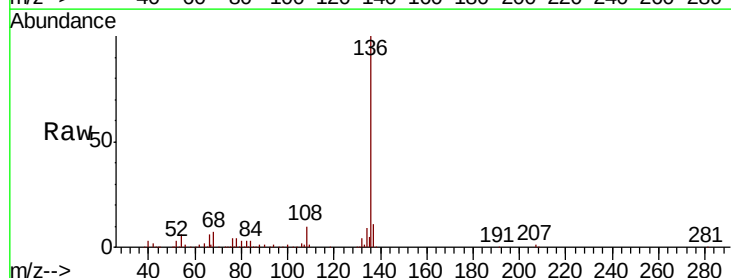
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.0 5.2 7.8

68 6.8 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

400000

300000

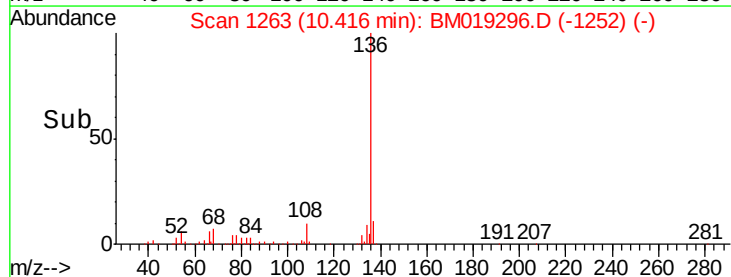
200000

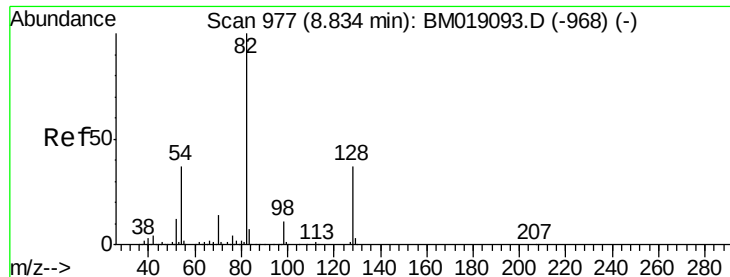
100000

0

10.40 10.45 10.50

Time-->

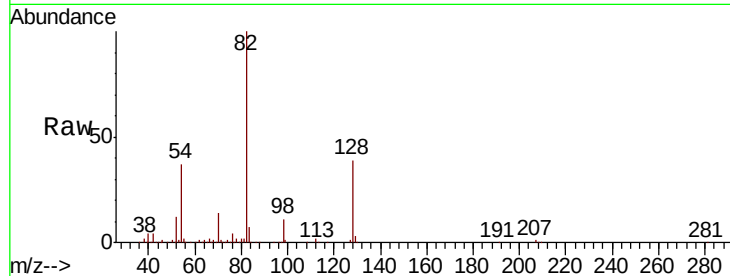




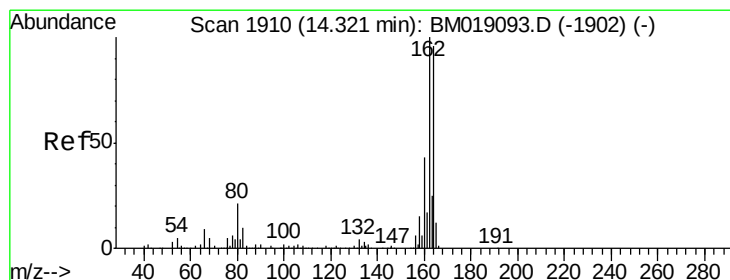
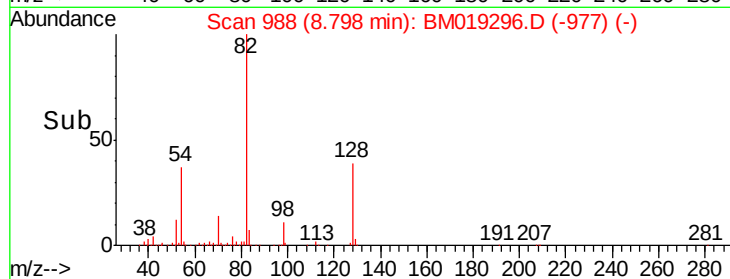
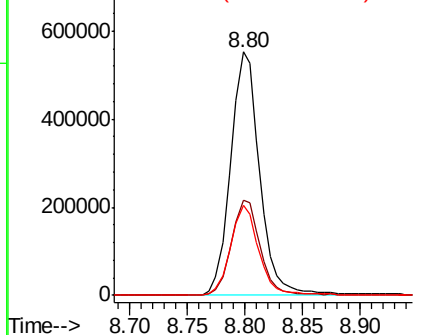
#23
Nitrobenzene-d5
Concen: 87.436 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019296.D
Acq: 21 Mar 2019 18:32

Instrument :
BNA_M
ClientSampleId :
TP-1

Tot Ion	82	Resp	966661
Ion Ratio	Lower	Upper	
82	100		
128	39.2	29.4	44.2
54	36.7	29.9	44.9

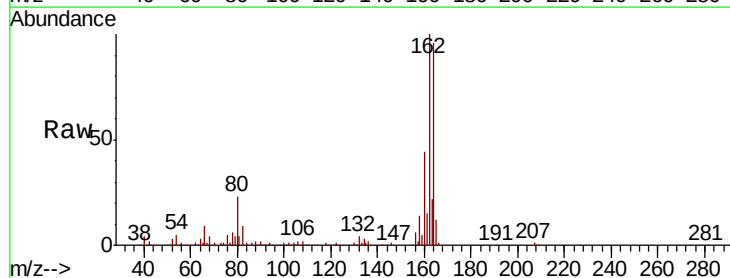


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

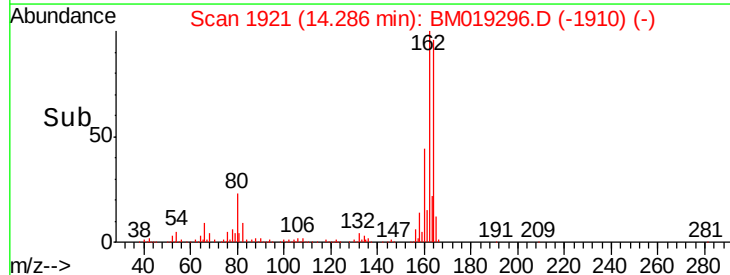
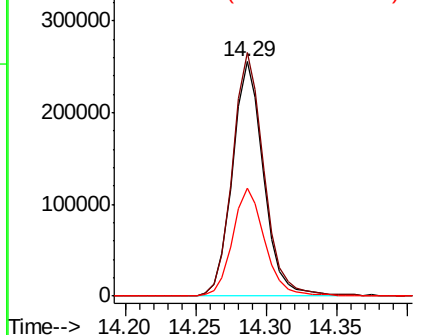


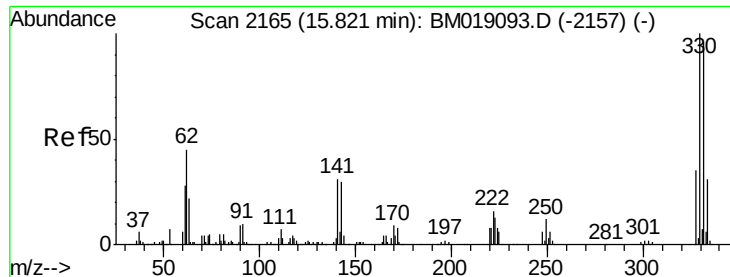
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019296.D
Acq: 21 Mar 2019 18:32

Tgt Ion	164	Resp	392578
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.5	125.3
160	45.9	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

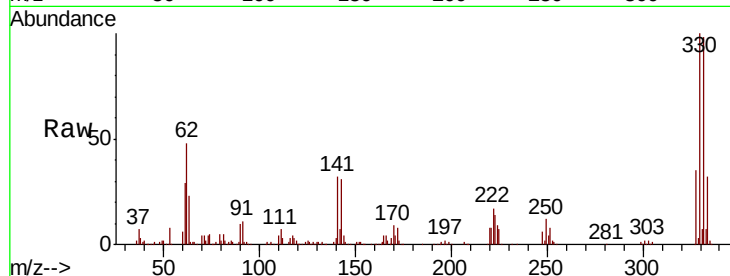




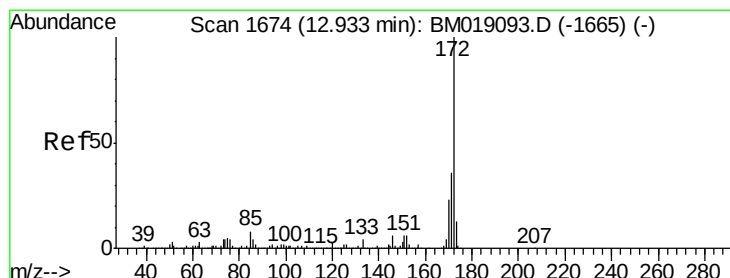
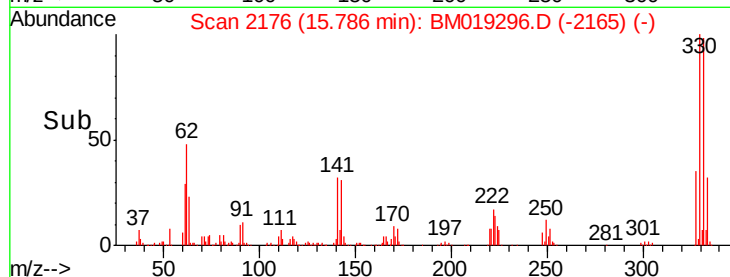
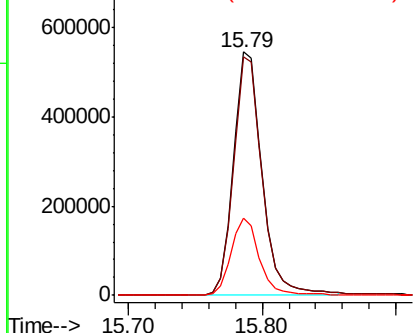
#42
 2,4,6-Tribromophenol
 Concen: 141.403 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.04 min
 Lab File: BM019296.D
 Acq: 21 Mar 2019 18:32

Instrument :
 BNA_M
 ClientSampled :
 TP-1

Tot Ion:330 Resp: 819611
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 31.5 27.0 40.4

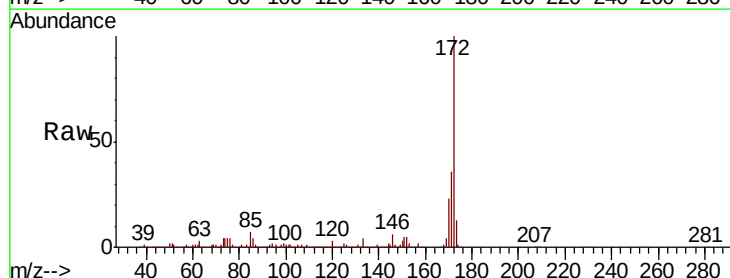


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

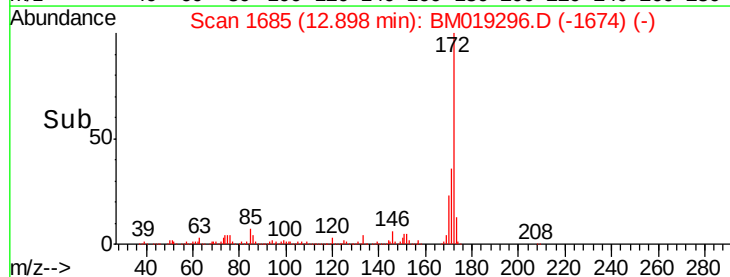
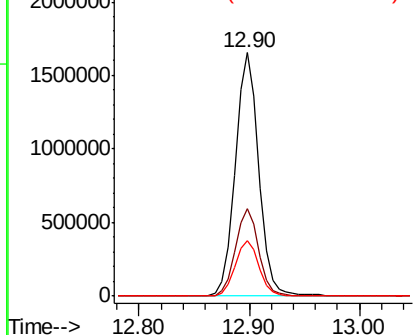


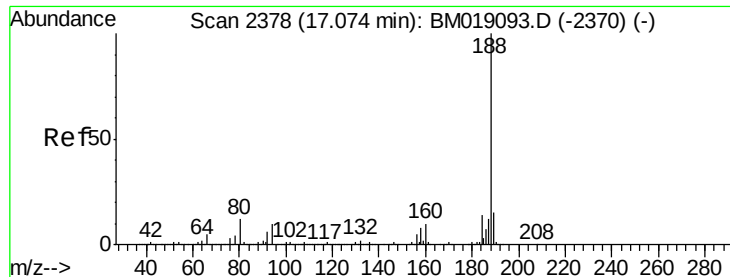
#45
 2-Fluorobiphenyl
 Concen: 81.889 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.04 min
 Lab File: BM019296.D
 Acq: 21 Mar 2019 18:32

Tgt Ion:172 Resp: 2471465
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 22.8 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

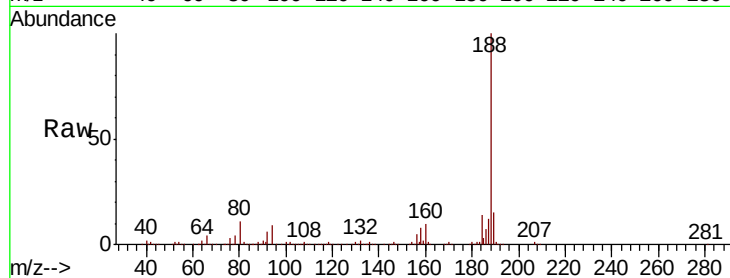




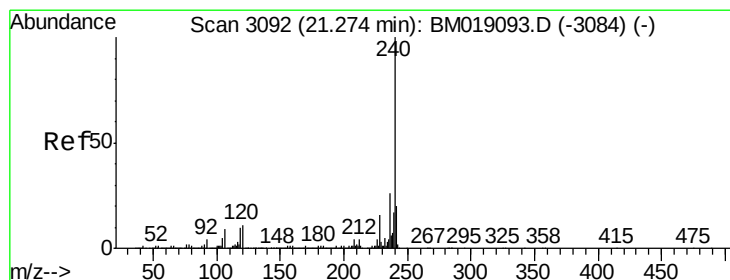
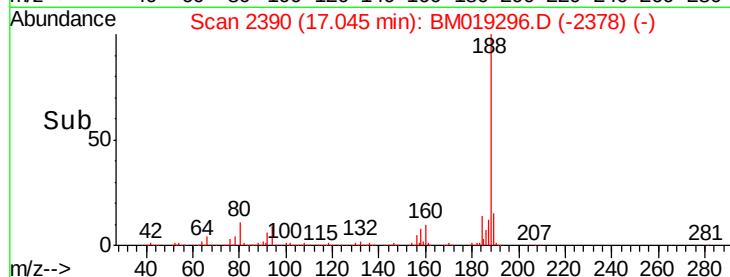
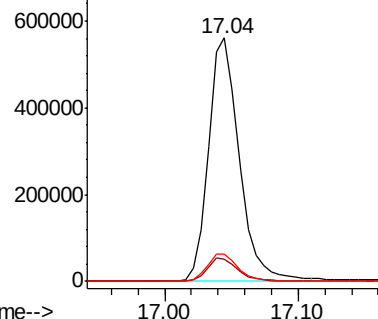
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019296.D
Acq: 21 Mar 2019 18:32

Instrument :
BNA_M
ClientSampleId :
TP-1

Tot Ion:188 Resp: 898411
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 11.3 9.7 14.5

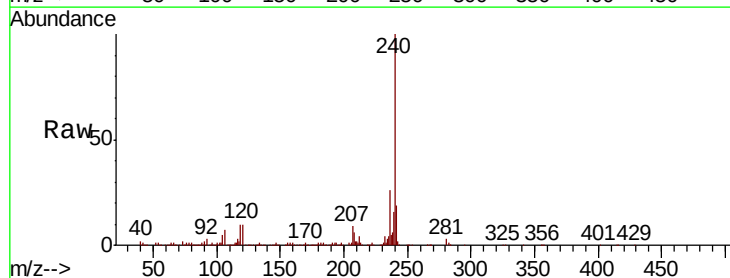


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

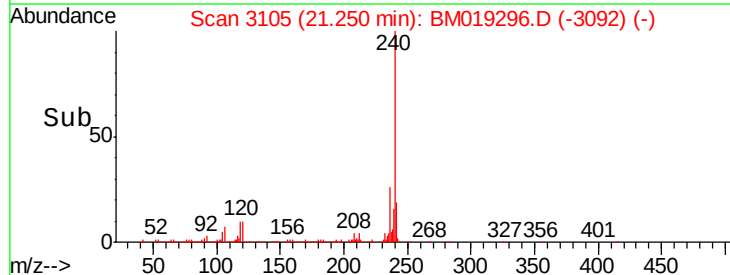
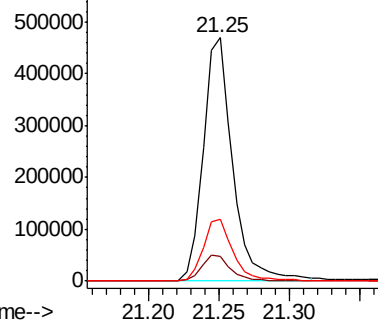


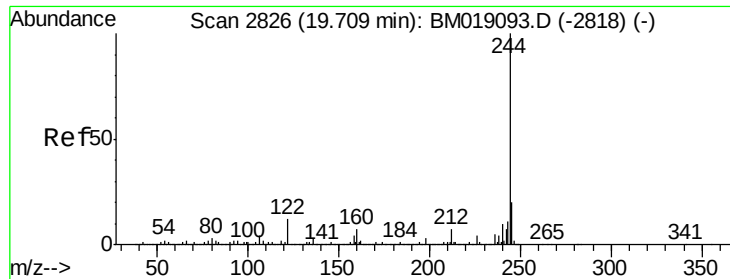
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM019296.D
Acq: 21 Mar 2019 18:32

Tgt Ion:240 Resp: 681143
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.6 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: 121.520 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019296.D

Acq: 21 Mar 2019 18:32

Instrument :

BNA_M

ClientSampleId :

TP-1

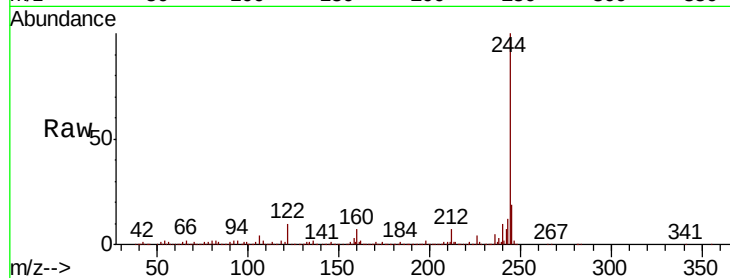
Tot Ion:244 Resp: 4169427

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

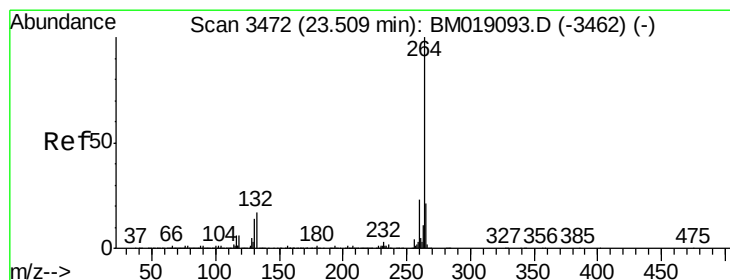
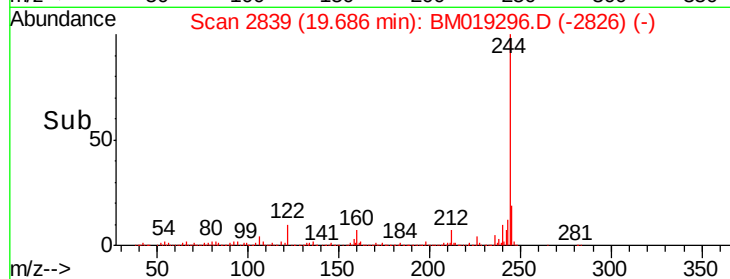
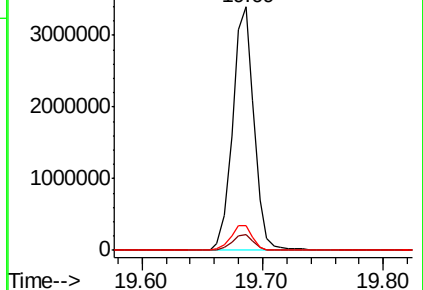
122 10.2 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019296.D

Acq: 21 Mar 2019 18:32

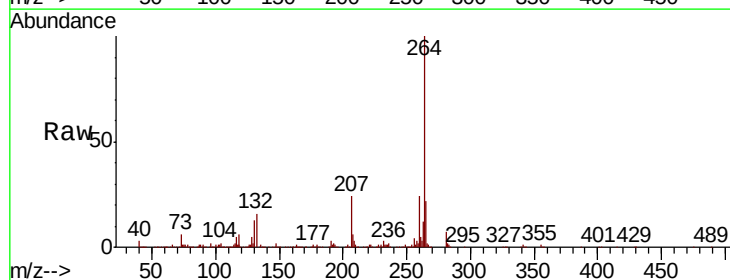
Tgt Ion:264 Resp: 678627

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 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

