

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019293.D
 Acq On : 21 Mar 2019 16:43
 Operator : JU/SJ
 Sample : K2002-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Quant Time: Mar 22 04:43:44 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	148212	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	595385	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	384177	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	885028	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	699965	20.00	ng	-0.03
87) Perylene-d12	23.47	264	662471	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1156470	126.36	ng	-0.02
7) Phenol-d6	6.82	99	1451202	108.41	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1095097	86.94	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	880781	155.28	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	2860685	96.86	ng	-0.04
79) Terphenyl-d14	19.69	244	4335179	122.95	ng	-0.02

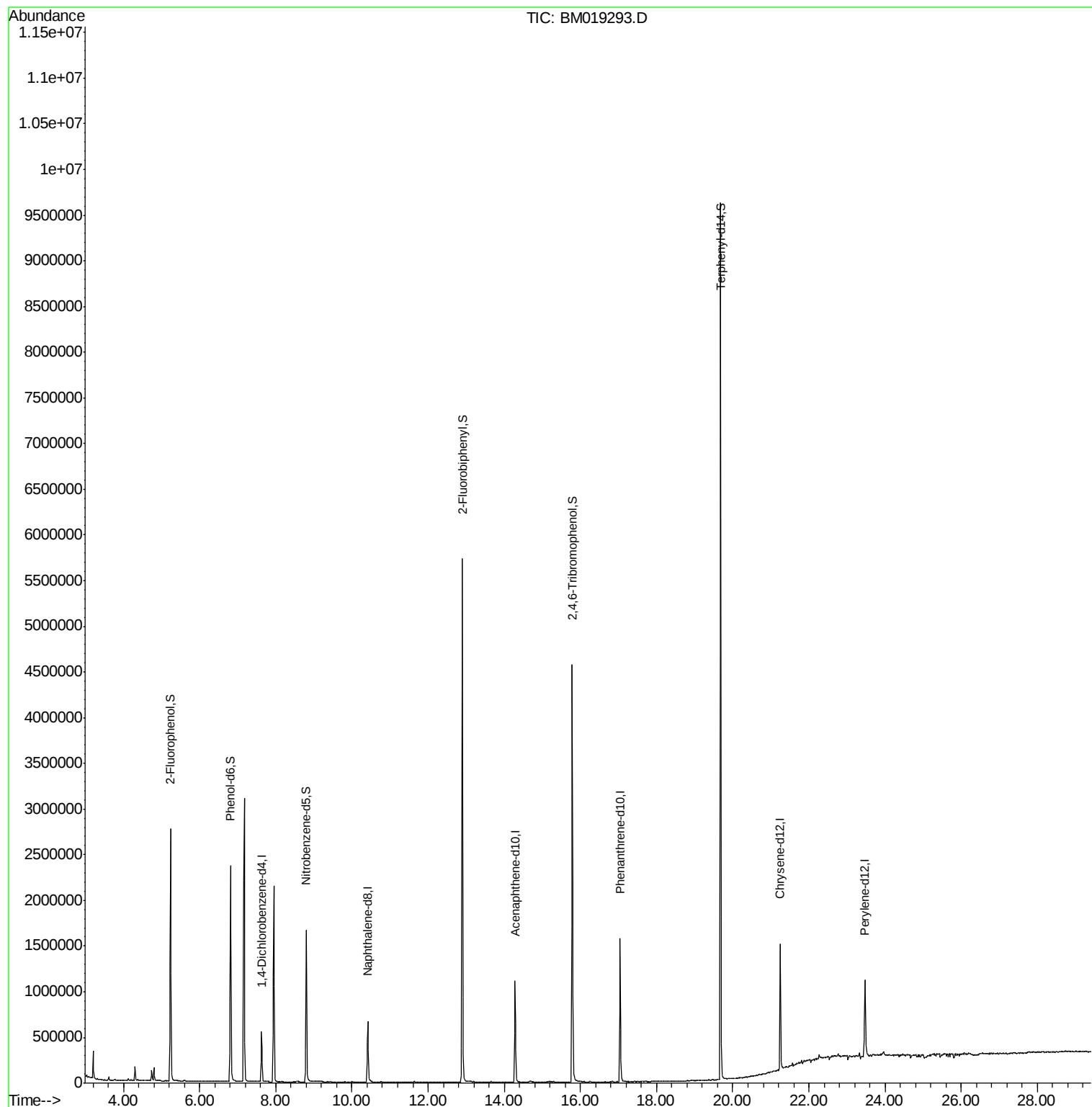
Target Compounds Qvalue

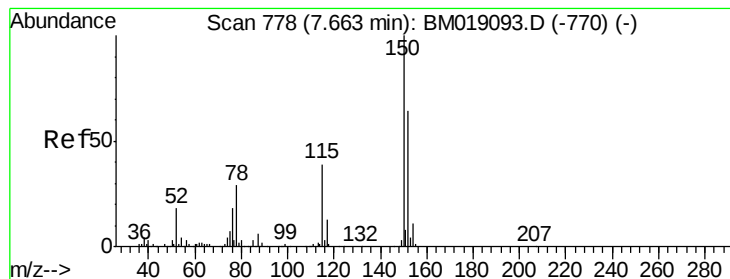
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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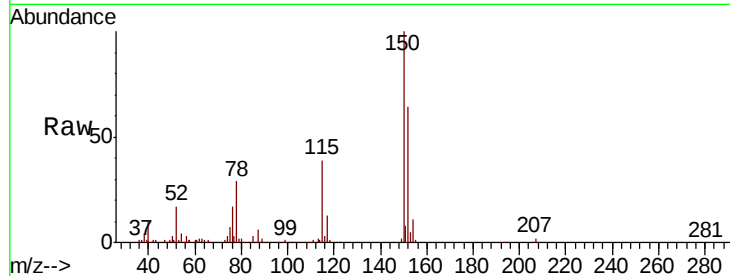


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.04 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.3	187.9
115	61.1	49.4	74.0

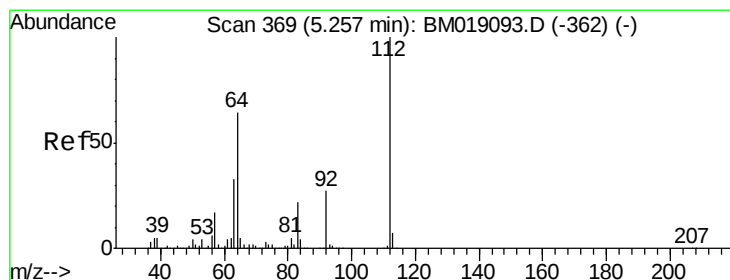
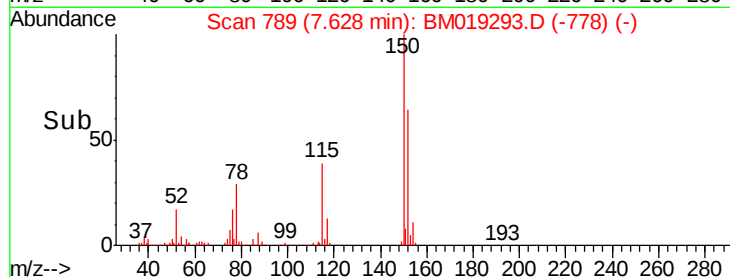
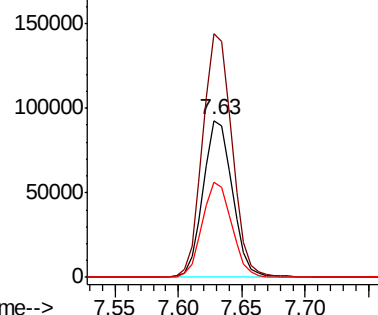


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

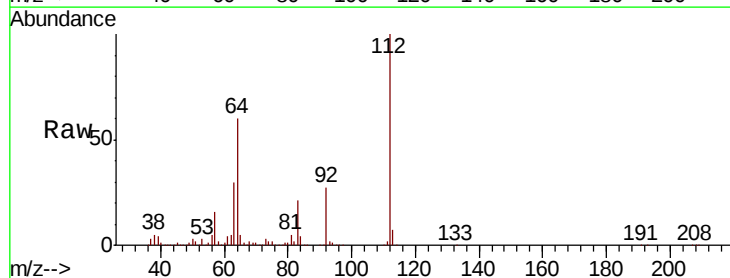
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 126.365 ng
 RT: 5.23 min Scan# 382
 Delta R.T. -0.02 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.4	77.0
63	30.3	26.6	40.0

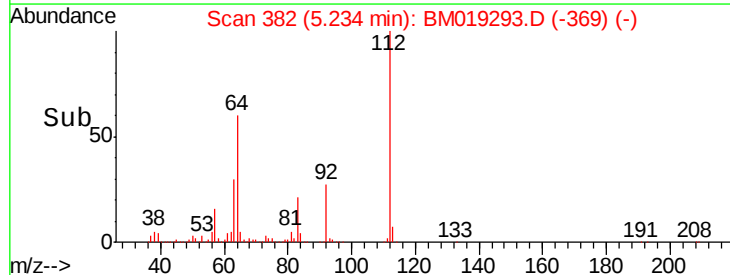
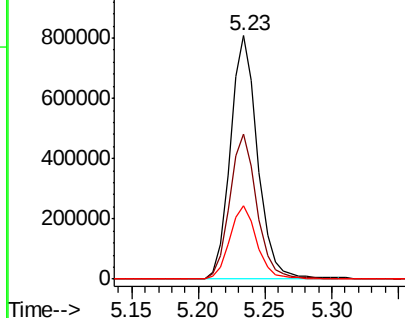


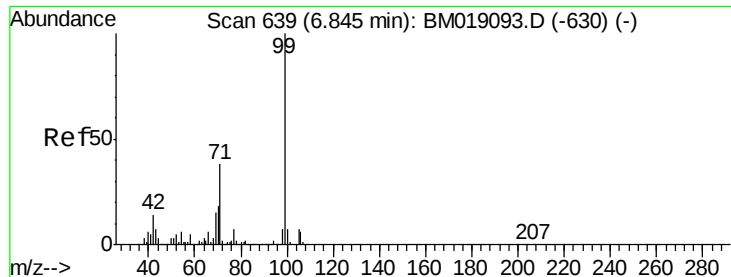
Abundance

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: 108.408 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019293.D

Acq: 21 Mar 2019 16:43

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

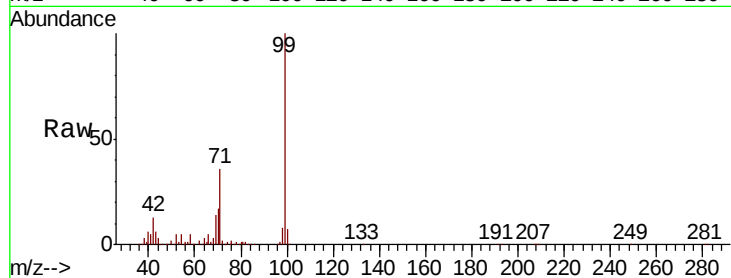
Tot Ion: 99 Resp: 1451202

Ion Ratio Lower Upper

99 100

42 12.8 10.9 16.3

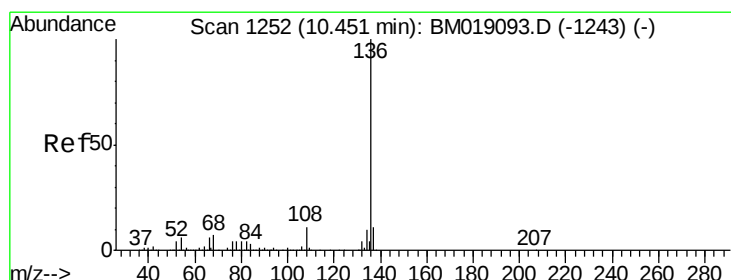
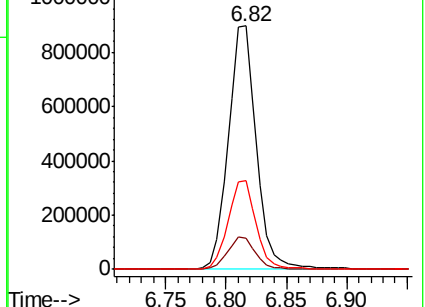
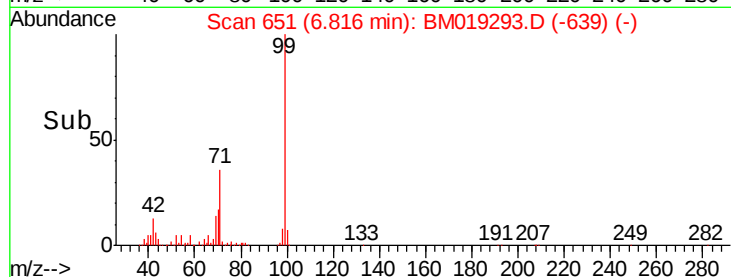
71 36.3 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019293.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019293.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019293.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019293.D

Acq: 21 Mar 2019 16:43

Tgt Ion: 136 Resp: 595385

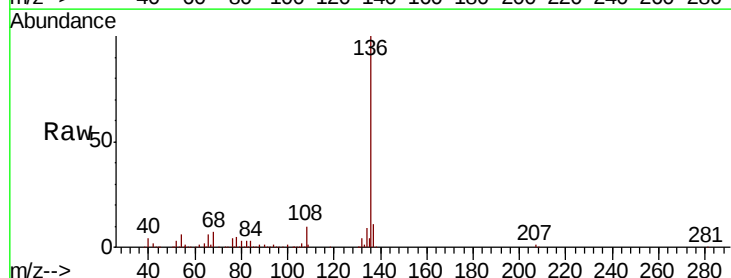
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.5 5.2 7.8

68 6.7 5.8 8.8

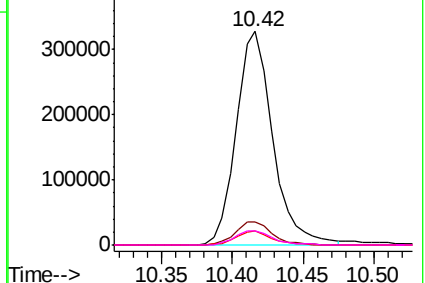
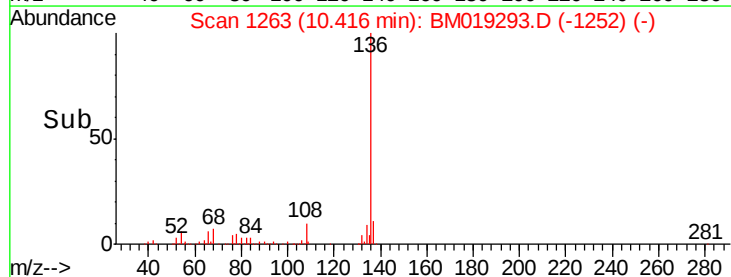


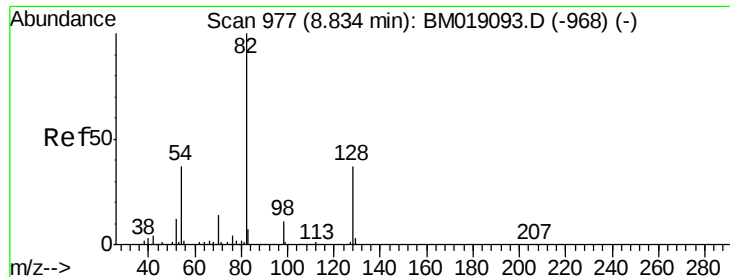
Abundance Ion 136.00 (135.70 to 136.70): BM019293.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019293.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019293.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019293.D (-1252) (-)



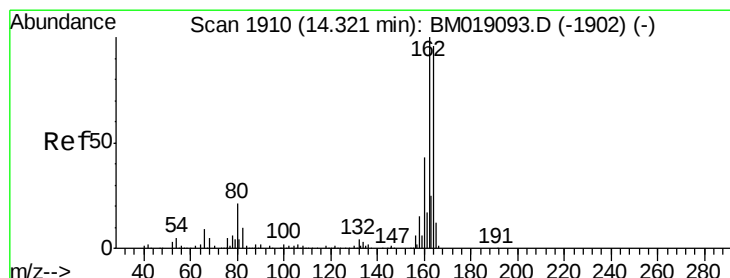
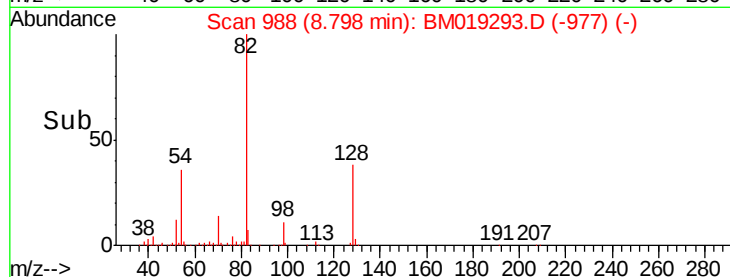
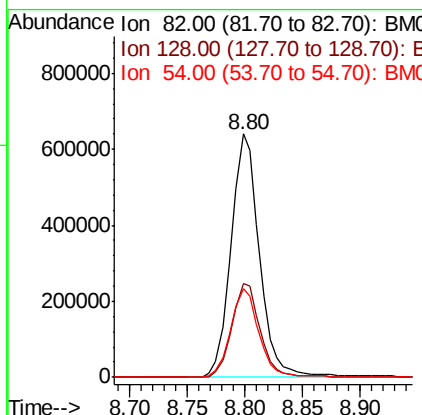
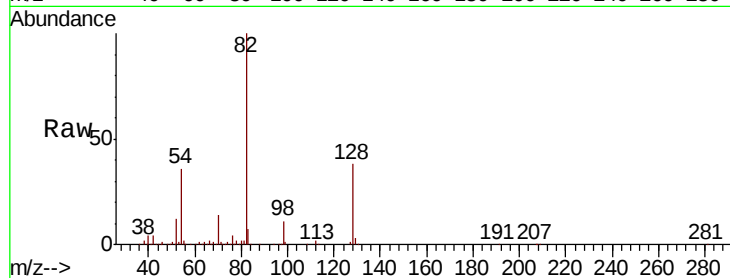


#23
 Nitrobenzene-d5
 Concen: 86.944 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Tot Ion: 82 Resp: 1095097

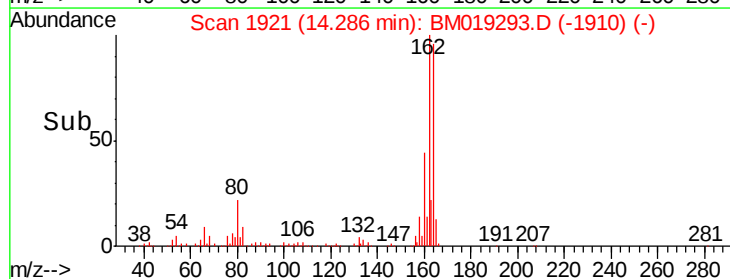
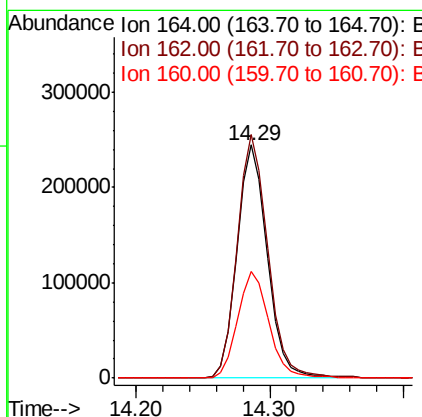
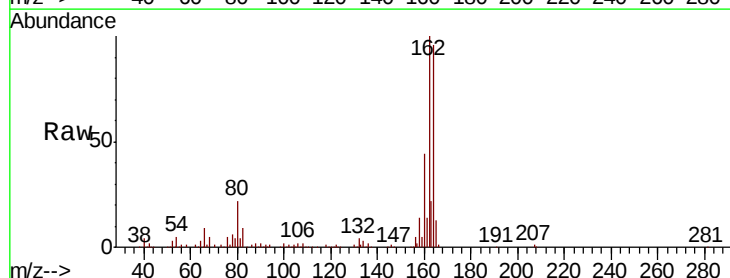
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	36.3	29.9	44.9

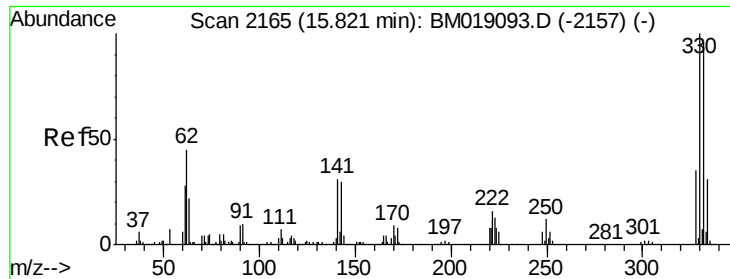


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Tgt Ion: 164 Resp: 384177

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	45.6	36.3	54.5

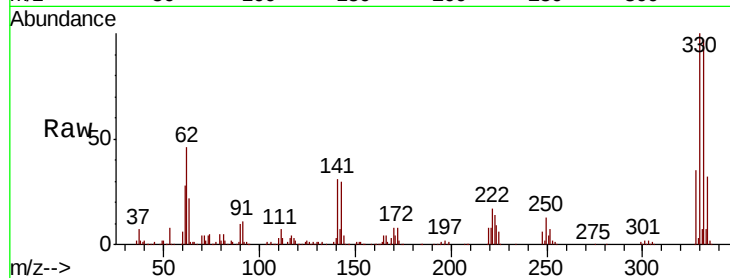




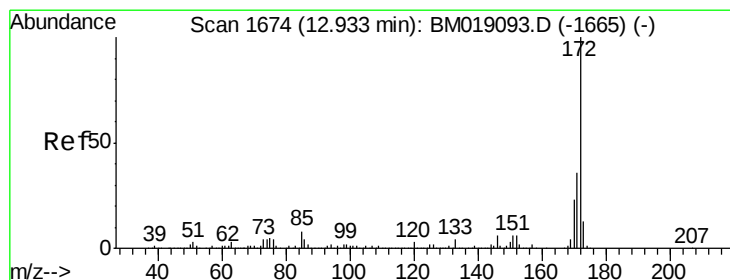
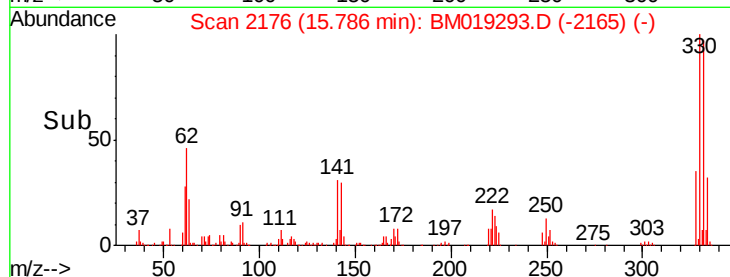
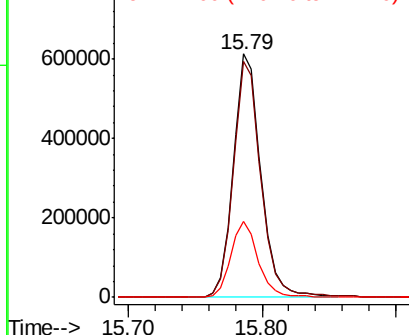
#42
 2,4,6-Tribromophenol
 Concen: 155.279 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.04 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Instrument :
 BNA_M
 ClientSampleId :
 S-1(2-10)-COMP

Tot Ion:330 Resp: 880781
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 31.2 27.0 40.4

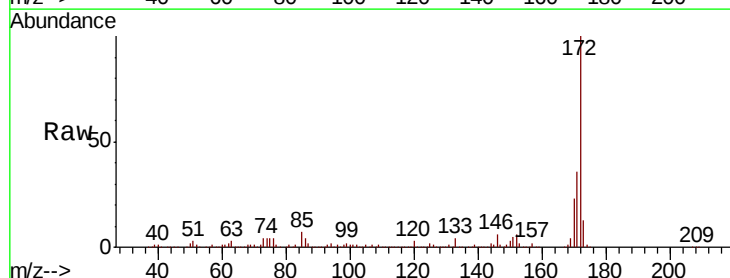


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

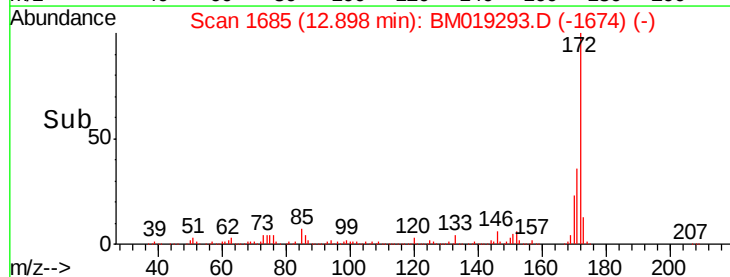
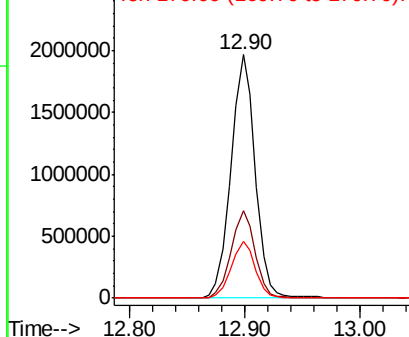


#45
 2-Fluorobiphenyl
 Concen: 96.858 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.04 min
 Lab File: BM019293.D
 Acq: 21 Mar 2019 16:43

Tgt Ion:172 Resp: 2860685
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.2 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: BM019293.D

Acq: 21 Mar 2019 16:43

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

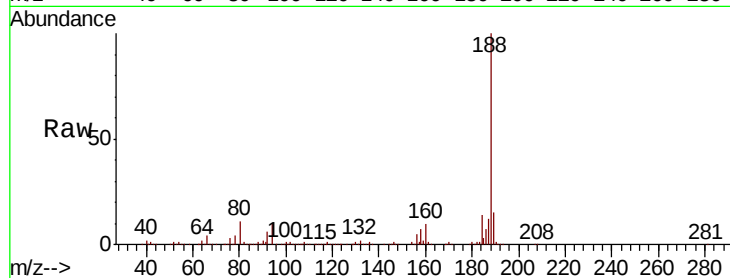
Tot Ion:188 Resp: 885028

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

80 11.4 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

800000

17.04

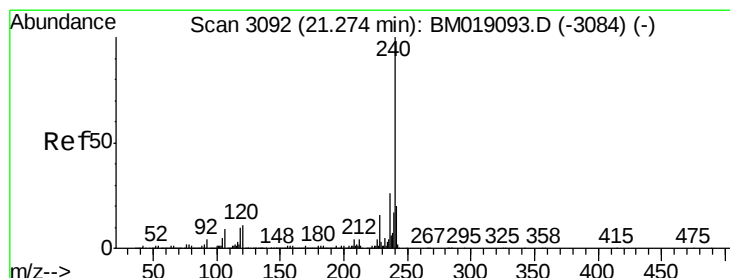
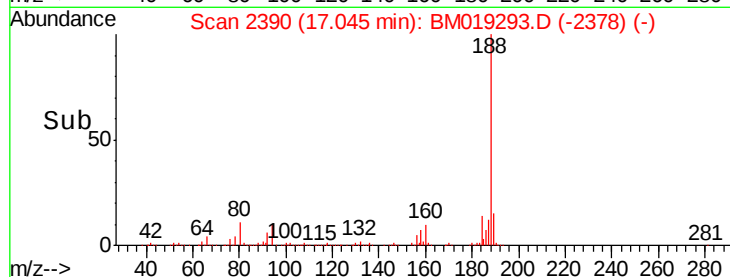
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.03 min

Lab File: BM019293.D

Acq: 21 Mar 2019 16:43

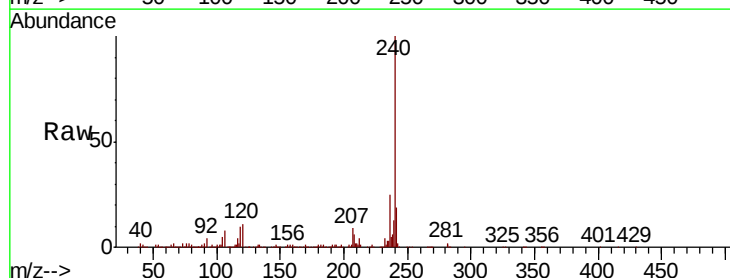
Tgt Ion:240 Resp: 699965

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.0 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

600000

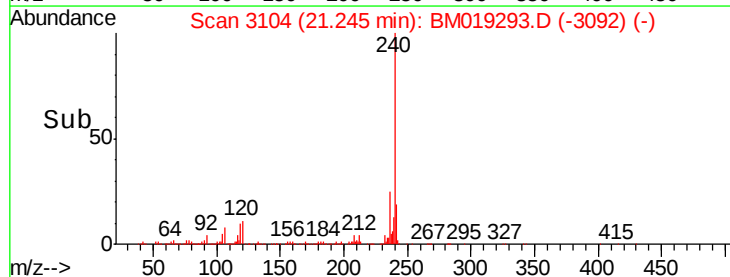
21.24

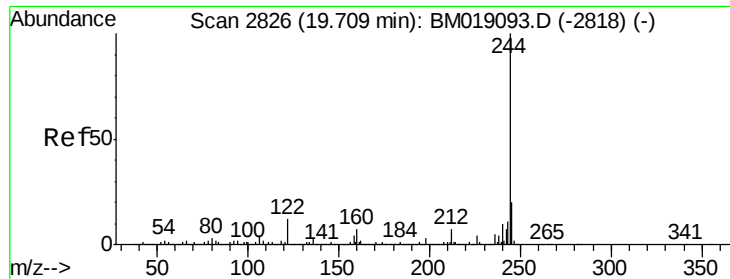
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 122.953 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019293.D

Acq: 21 Mar 2019 16:43

Instrument :

BNA_M

ClientSampleId :

S-1(2-10)-COMP

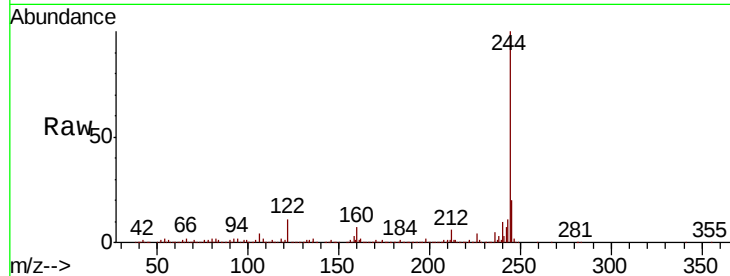
Tot Ion:244 Resp: 4335179

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

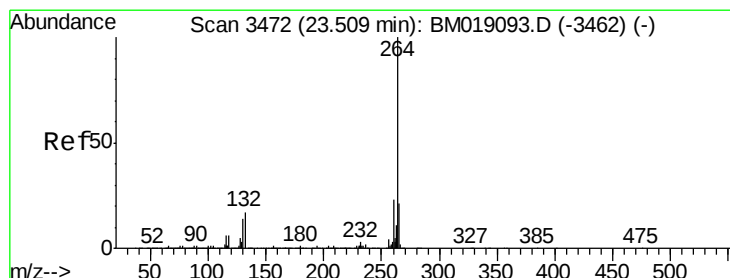
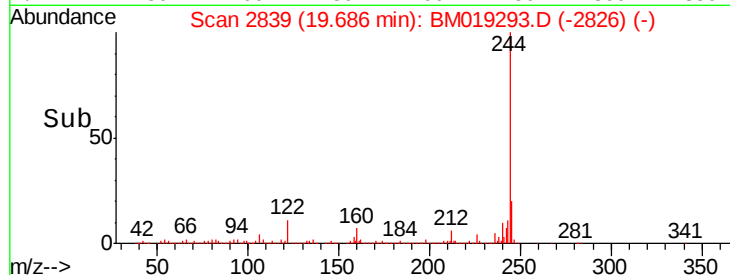
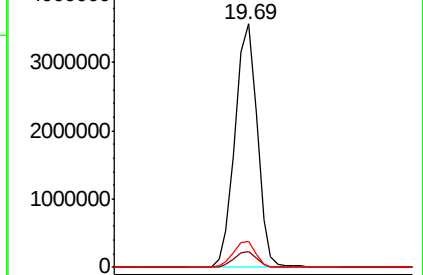
122 10.5 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019293.D

Acq: 21 Mar 2019 16:43

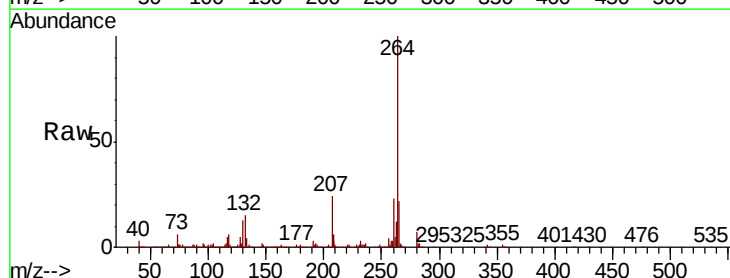
Tgt Ion:264 Resp: 662471

Ion Ratio Lower Upper

264 100

260 23.0 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

