

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019292.D
 Acq On : 21 Mar 2019 16:06
 Operator : JU/SJ
 Sample : PB118125BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BL

Quant Time: Mar 22 04:43:35 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	162308	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	658496	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	419020	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	881033	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	705934	20.00	ng	-0.03
87) Perylene-d12	23.47	264	725231	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1169293	116.67	ng	-0.02
7) Phenol-d6	6.81	99	1478644	100.87	ng	-0.04
23) Nitrobenzene-d5	8.80	82	960100	68.92	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	633259	102.36	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	2421270	75.16	ng	-0.04
79) Terphenyl-d14	19.69	244	3295114	92.66	ng	-0.02

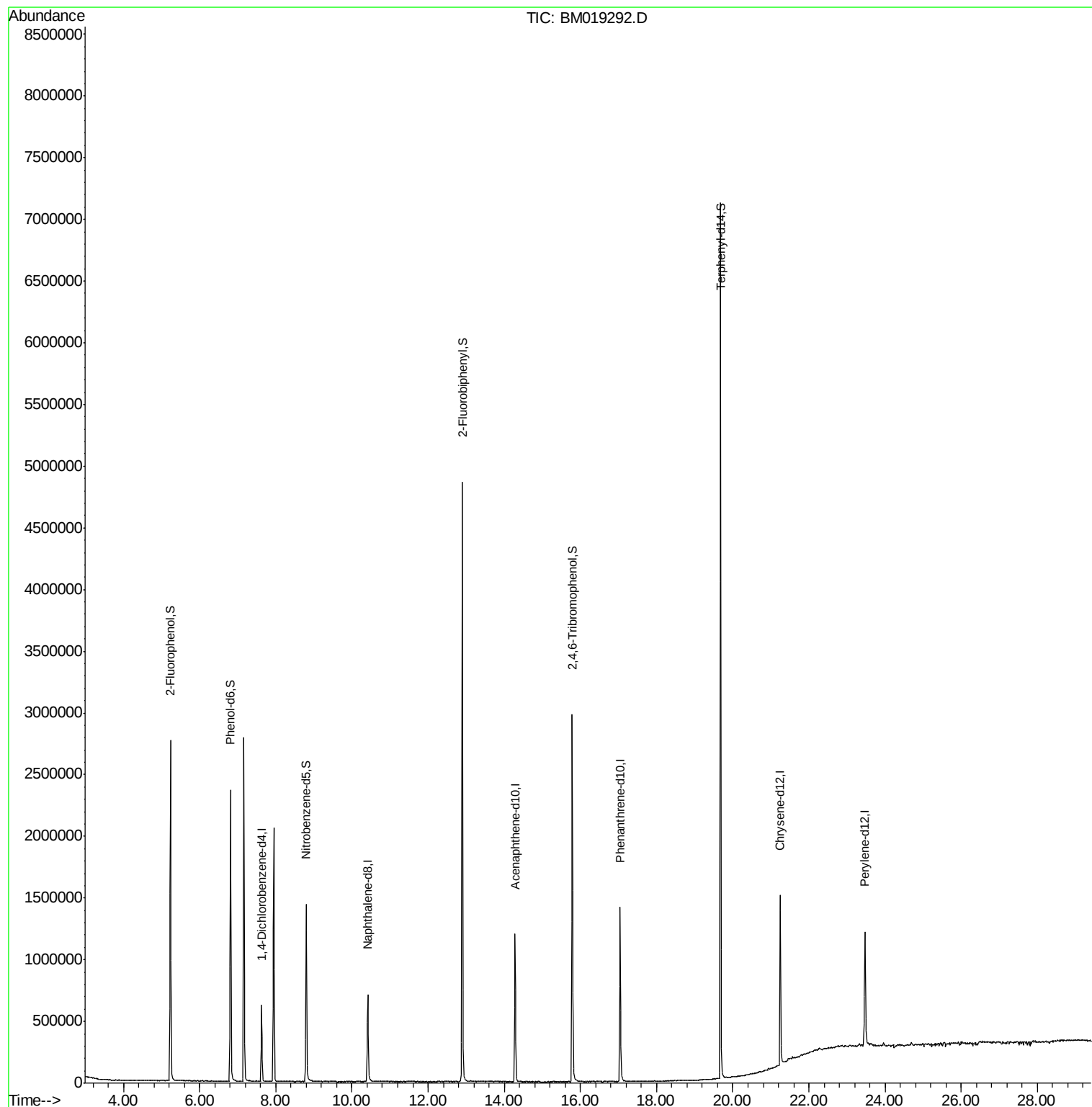
Target Compounds	Qvalue
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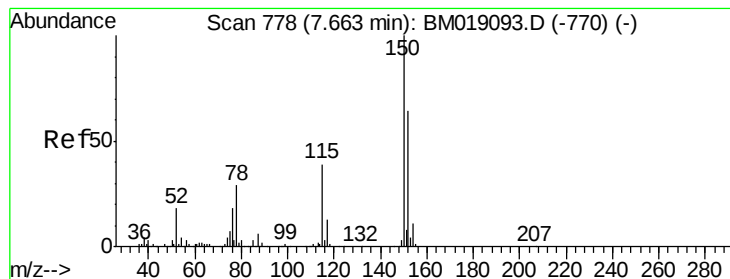
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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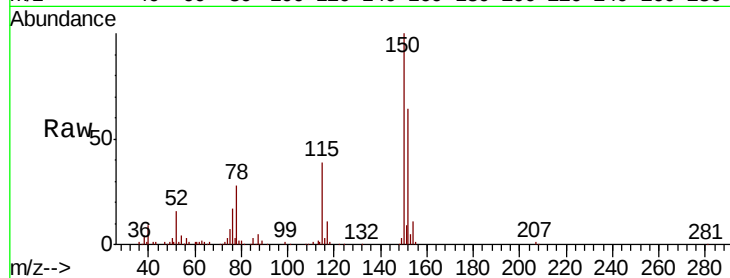


#1

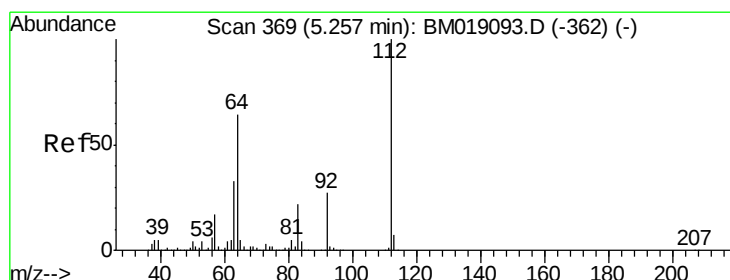
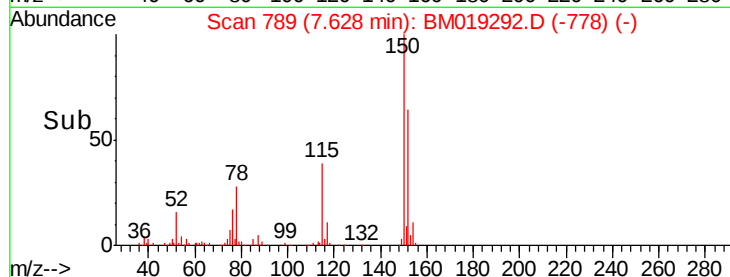
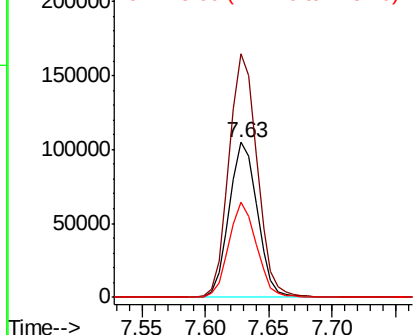
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019292.D
Acq: 21 Mar 2019 16:06

Instrument :
BNA_M
ClientSampleId :
PB118124BL

Tgt Ion:152 Resp: 162308
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 61.2 49.4 74.0



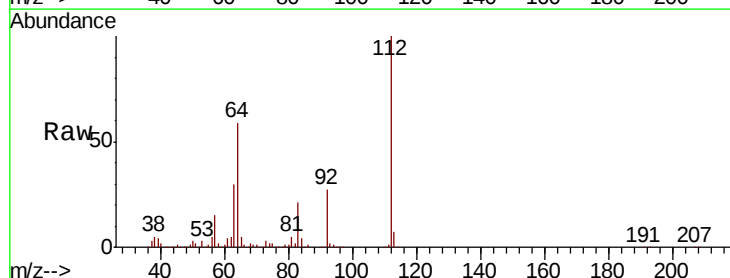
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



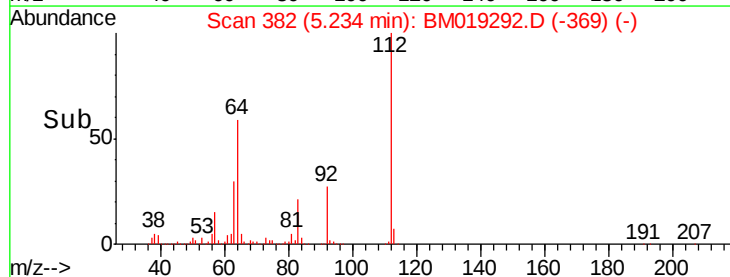
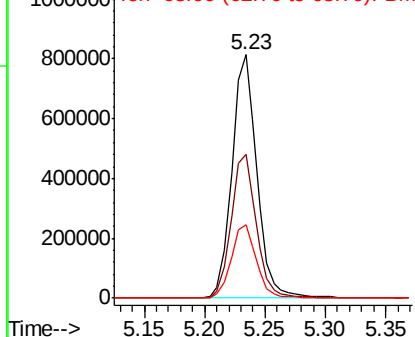
#5

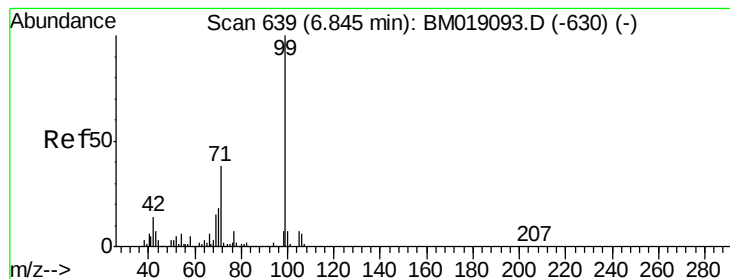
2-Fluorophenol
Concen: 116.670 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019292.D
Acq: 21 Mar 2019 16:06

Tgt Ion:112 Resp: 1169293
Ion Ratio Lower Upper
112 100
64 59.0 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: 100.865 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.04 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

Instrument :

BNA_M

ClientSampleId :

PB118124BL

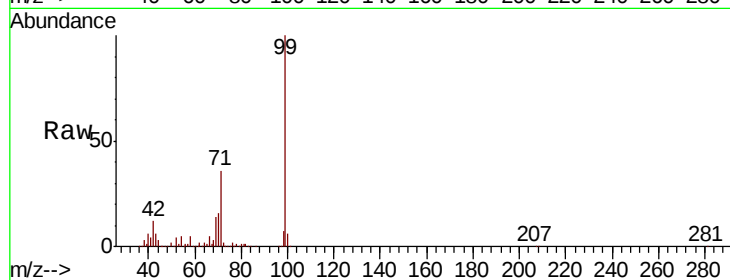
Tgt Ion: 99 Resp: 1478644

Ion Ratio Lower Upper

99 100

42 12.4 10.9 16.3

71 36.3 30.3 45.5

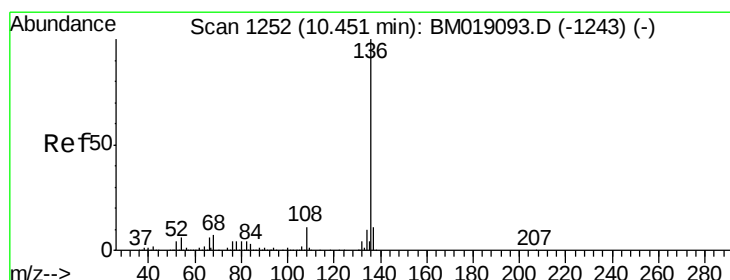
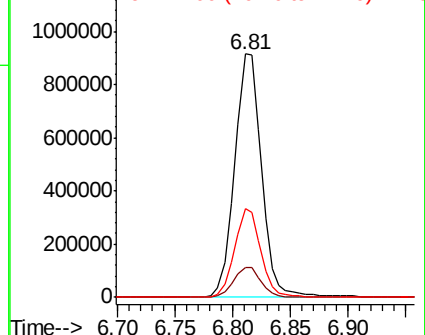
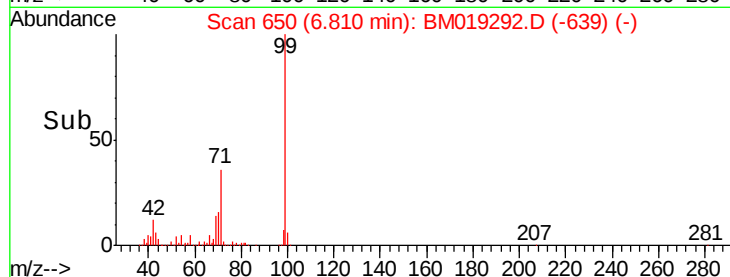


Abundance

Ion 99.00 (98.70 to 99.70): BM019292.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019292.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019292.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

Tgt Ion: 136 Resp: 658496

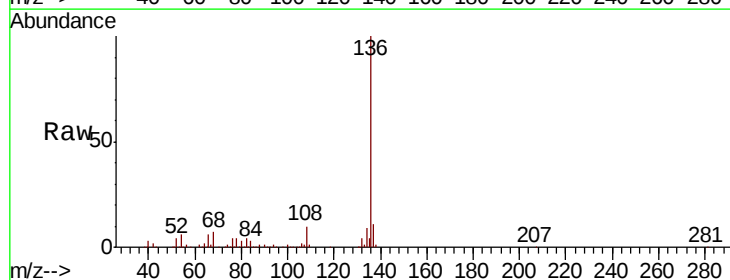
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.0 5.2 7.8

68 7.0 5.8 8.8



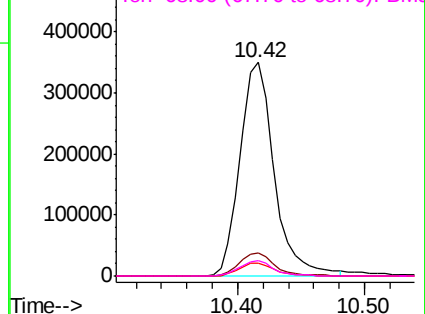
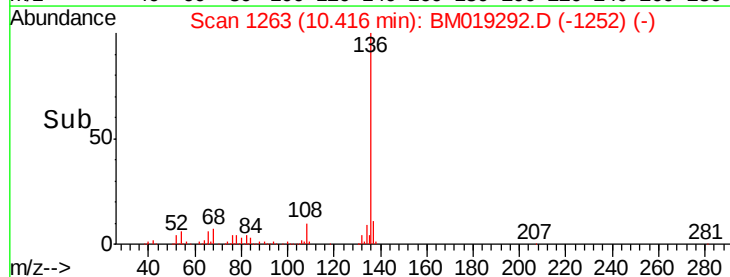
Abundance

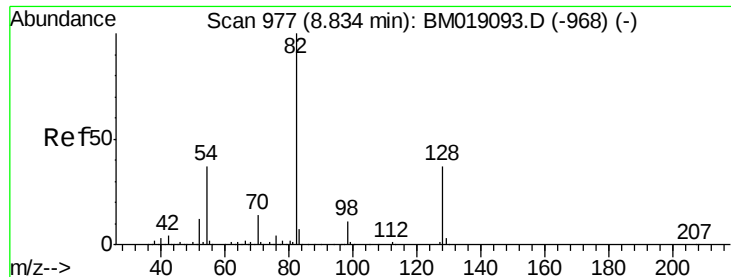
Ion 136.00 (135.70 to 136.70): BM019292.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019292.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019292.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019292.D (-1252) (-)

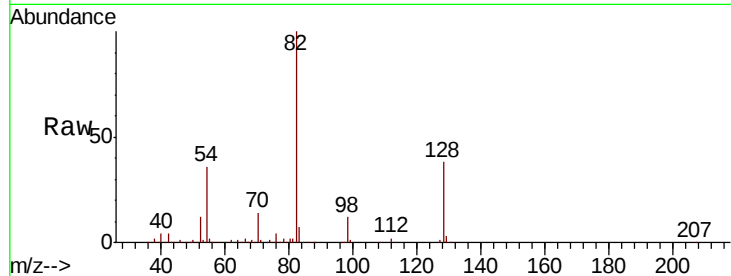




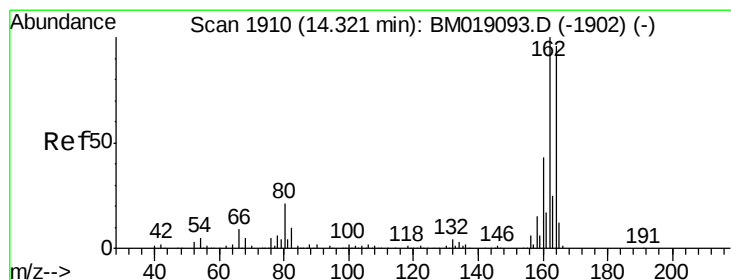
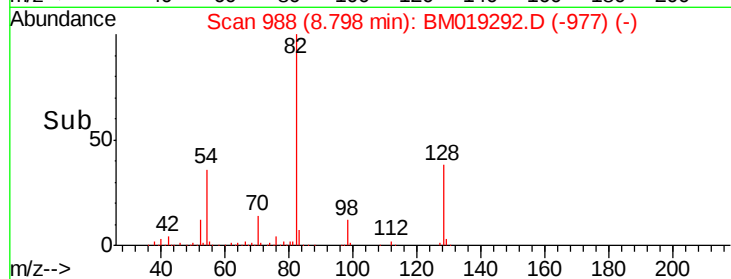
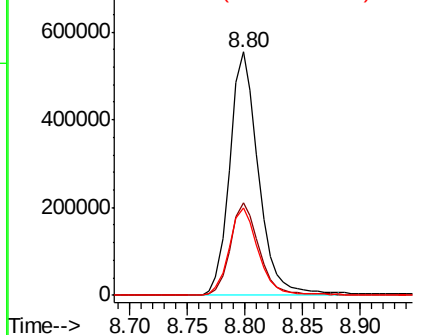
#23
 Nitrobenzene-d5
 Concen: 68.921 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM019292.D
 Acq: 21 Mar 2019 16:06

Instrument :
 BNA_M
 ClientSampleId :
 PB118124BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	36.1	29.9	44.9

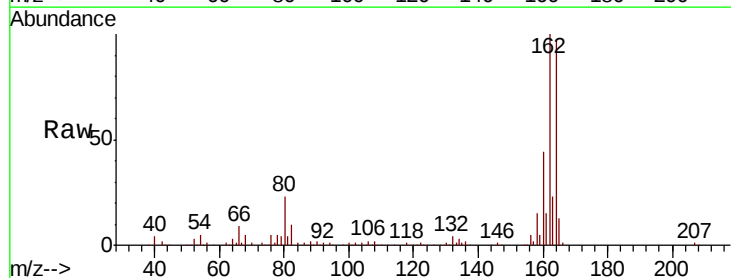


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

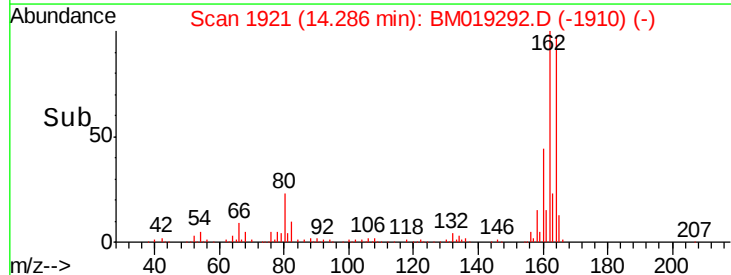
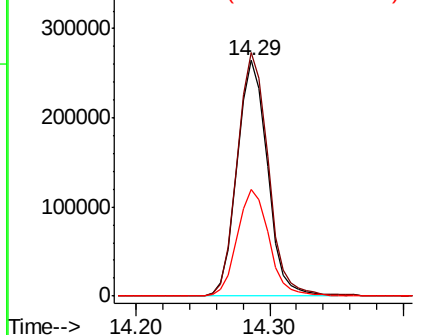


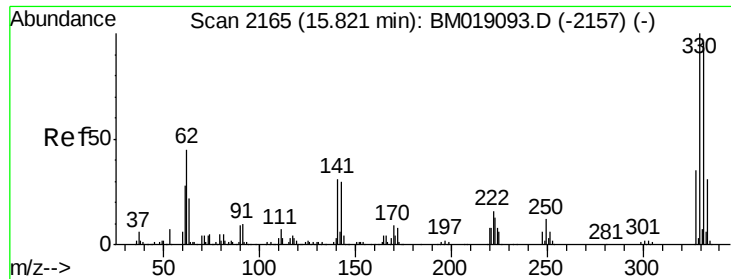
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM019292.D
 Acq: 21 Mar 2019 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	45.1	36.3	54.5



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





#42

2,4,6-Tribromophenol

Concen: 102.358 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

Instrument :

BNA_M

ClientSampleId :

PB118124BL

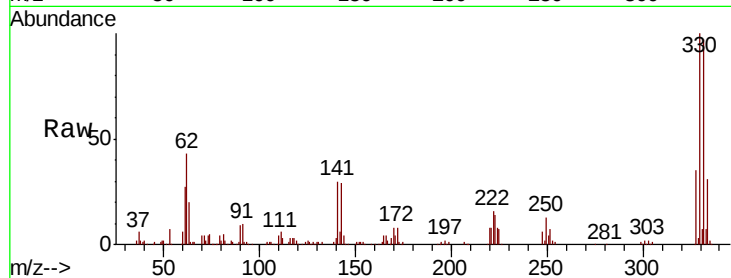
Tgt Ion:330 Resp: 633259

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

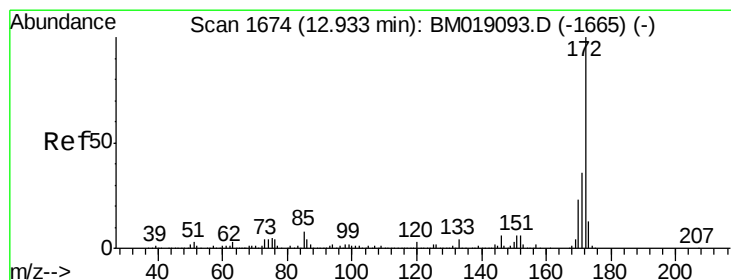
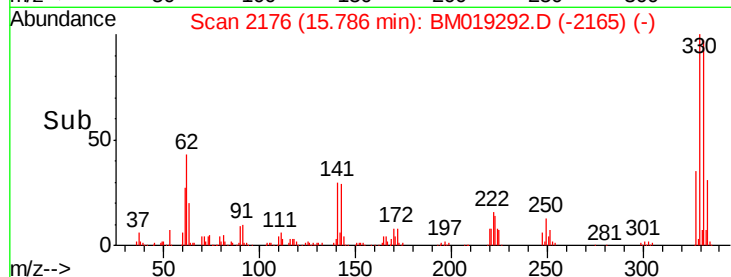
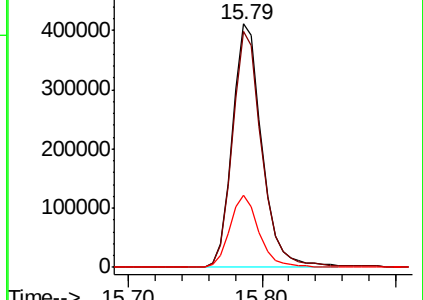
141 29.5 27.0 40.4



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: 75.163 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.04 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

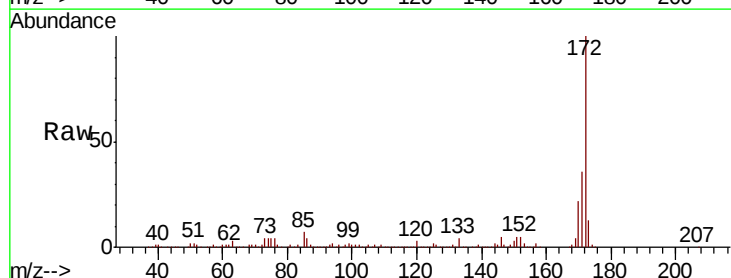
Tgt Ion:172 Resp: 2421270

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

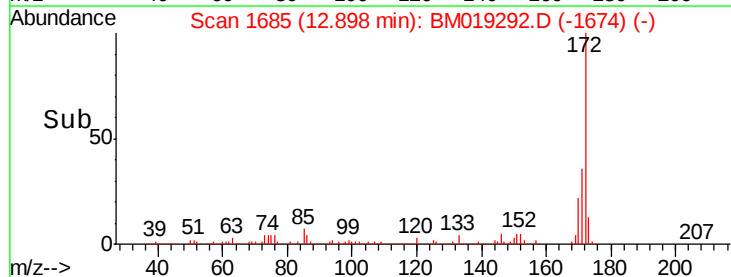
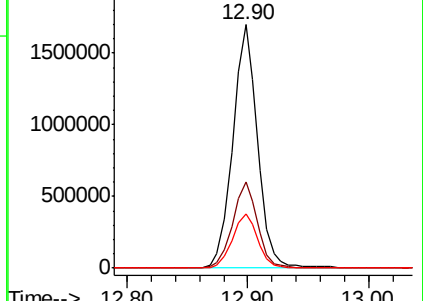
170 22.5 18.6 28.0



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: BM019292.D

Acq: 21 Mar 2019 16:06

Instrument :

BNA_M

ClientSampleId :

PB118124BL

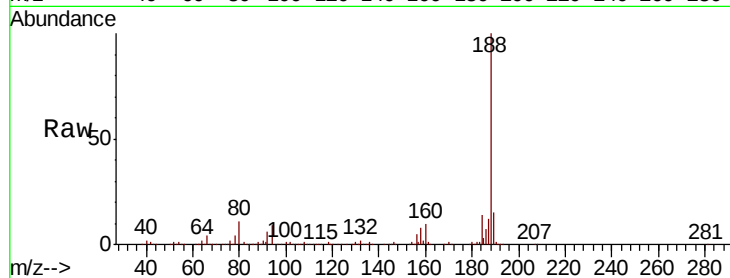
Tgt Ion:188 Resp: 881033

Ion Ratio Lower Upper

188 100

94 9.1 8.1 12.1

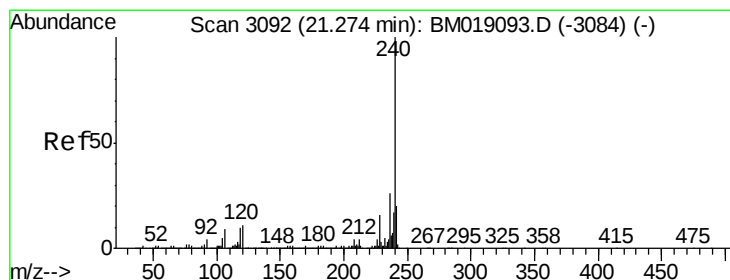
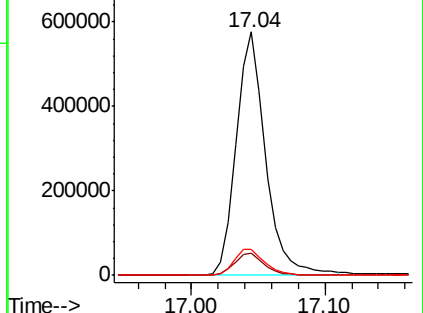
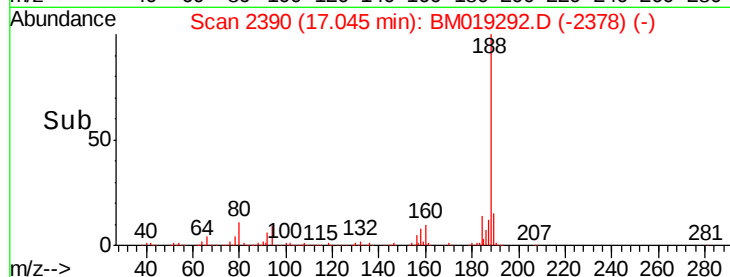
80 10.7 9.7 14.5



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: 21.24 min Scan# 3104

Delta R.T. -0.03 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

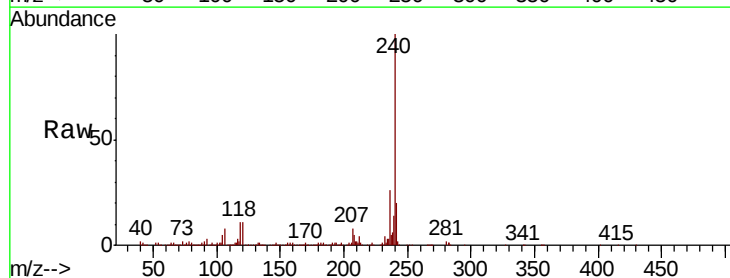
Tgt Ion:240 Resp: 705934

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

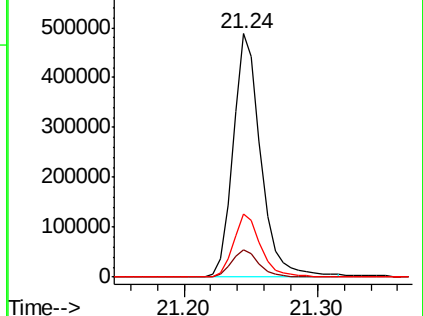
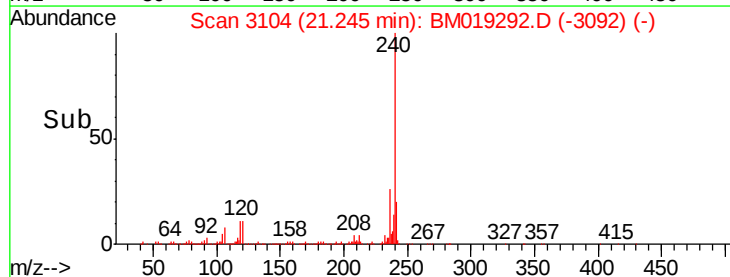
236 26.1 21.0 31.4

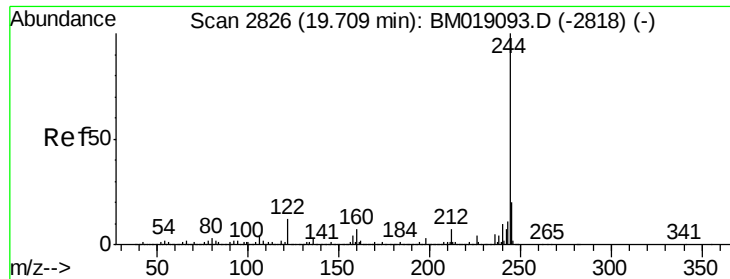


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.665 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019292.D

Acq: 21 Mar 2019 16:06

Instrument :

BNA_M

ClientSampleId :

PB118124BL

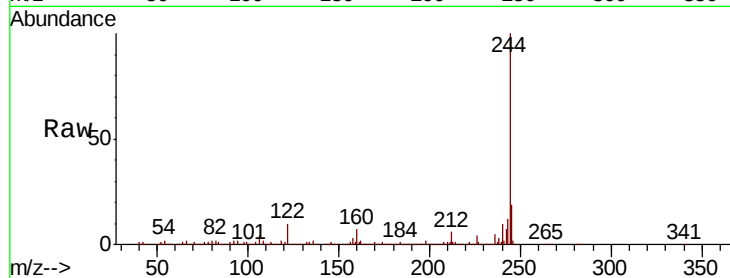
Tgt Ion:244 Resp: 3295114

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

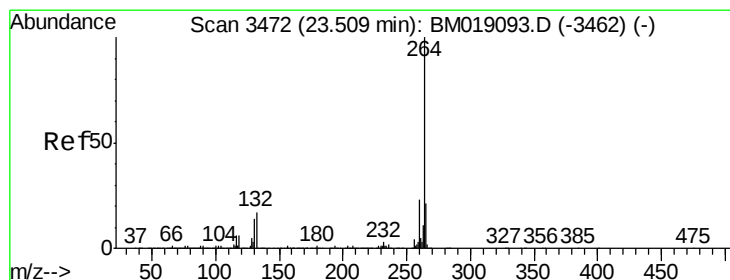
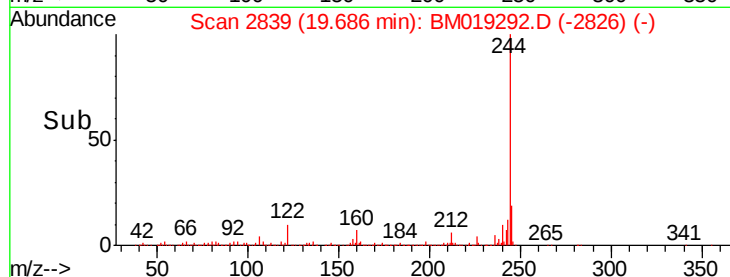
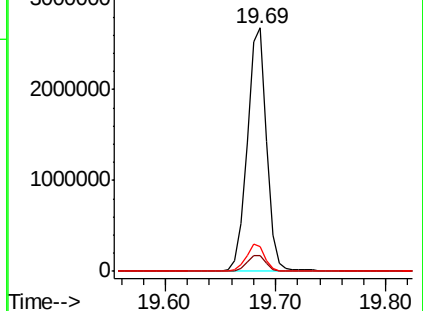
122 10.0 9.4 14.2



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: BM019292.D

Acq: 21 Mar 2019 16:06

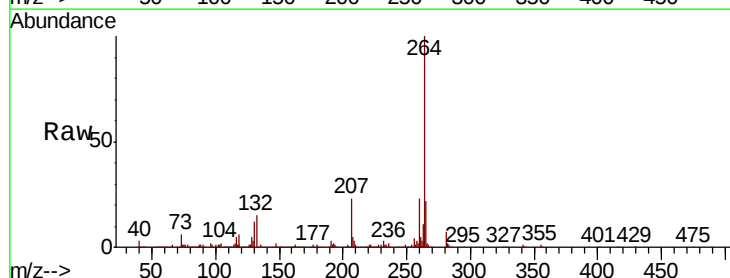
Tgt Ion:264 Resp: 725231

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 22.2 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

