

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019282.D
 Acq On : 21 Mar 2019 04:39
 Operator : JU/SJ
 Sample : K1688-32
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-031919-F

Quant Time: Mar 21 17:17:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	183968	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	746894	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	488300	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1100339	20.00	ng	0.00
76) Chrysene-d12	21.24	240	864811	20.00	ng	0.00
87) Perylene-d12	23.47	264	814660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1347678	118.64	ng	0.00
7) Phenol-d6	6.82	99	1666446	100.29	ng	0.00
23) Nitrobenzene-d5	8.80	82	1398318	88.50	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1019765	141.45	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3082694	82.12	ng	0.00
79) Terphenyl-d14	19.69	244	4958549	113.83	ng	0.00

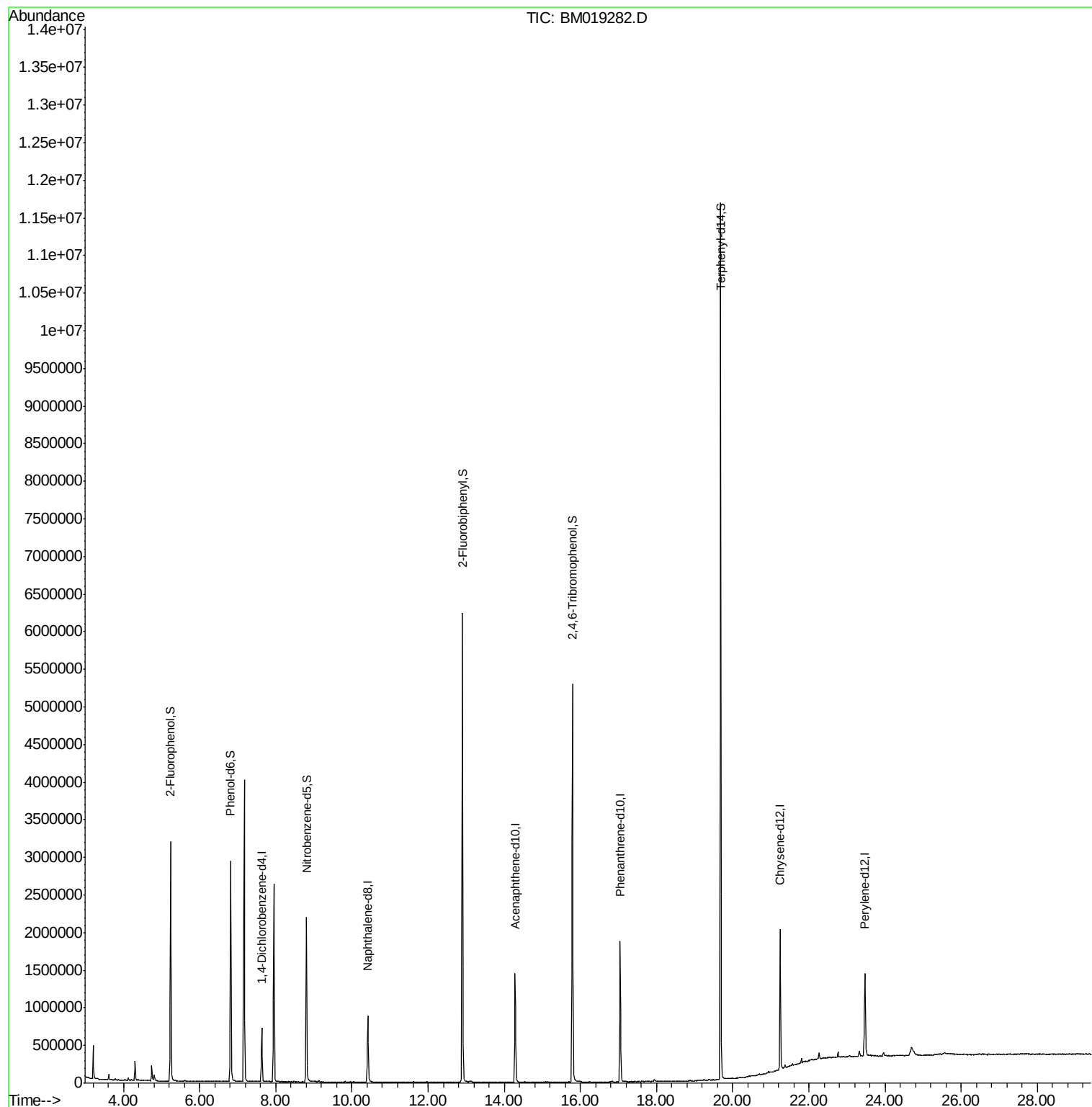
Target Compounds Qvalue

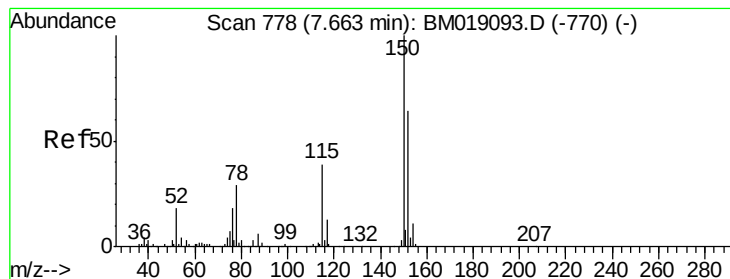
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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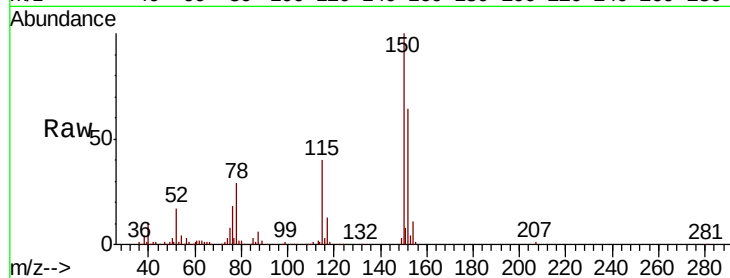


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BM019282.D
 Acq: 21 Mar 2019 04:39

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-031919-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	62.0	48.9	73.3

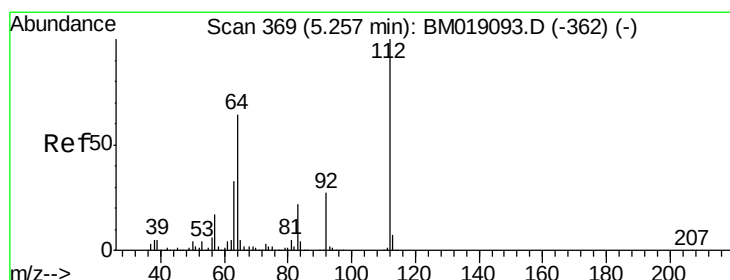
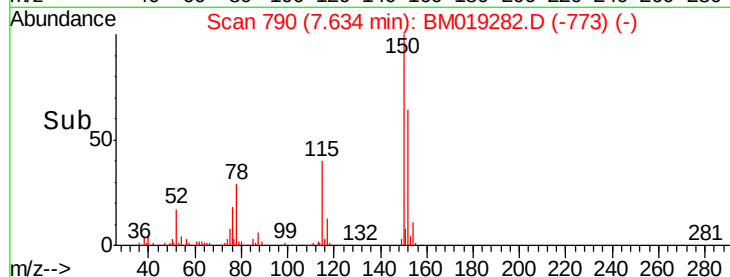
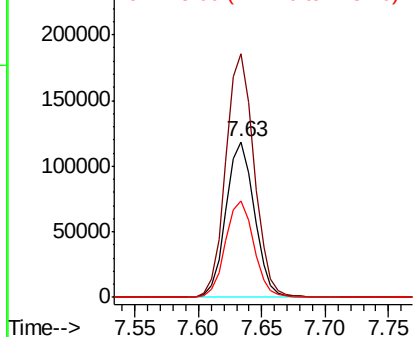


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

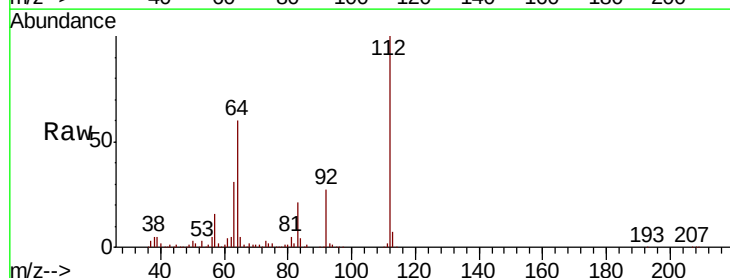
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.637 ng
 RT: 5.24 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BM019282.D
 Acq: 21 Mar 2019 04:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.6	75.8
63	31.0	25.8	38.6

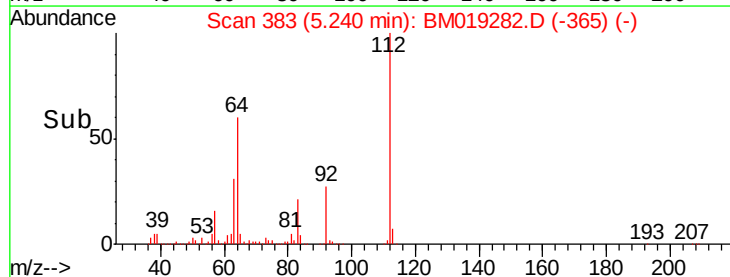
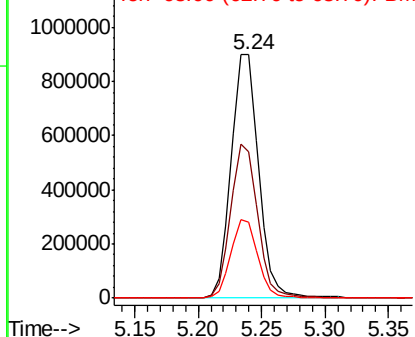


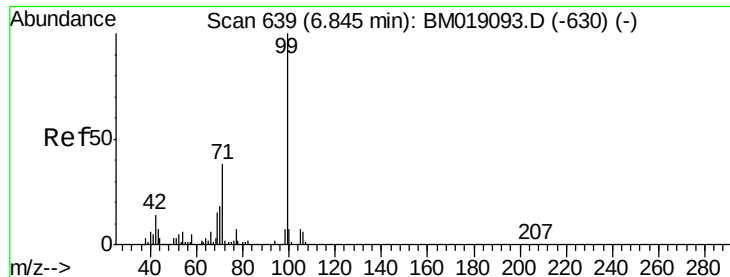
Abundance

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: 100.292 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-F

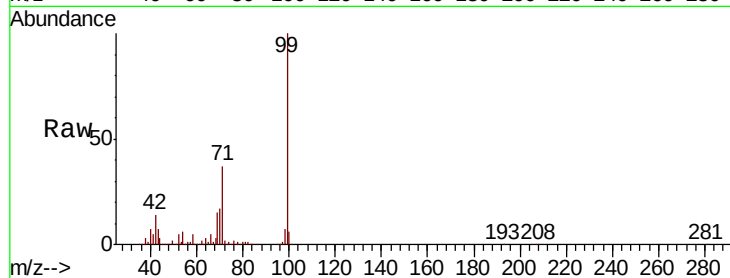
Tot Ion: 99 Resp: 1666446

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

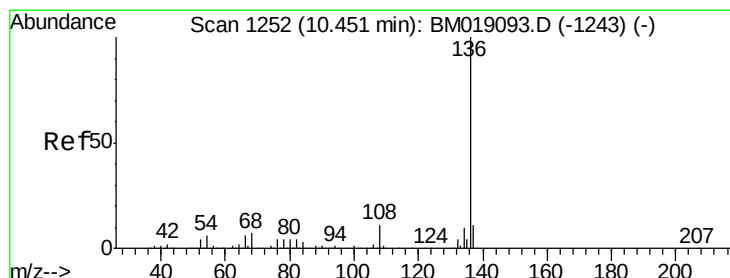
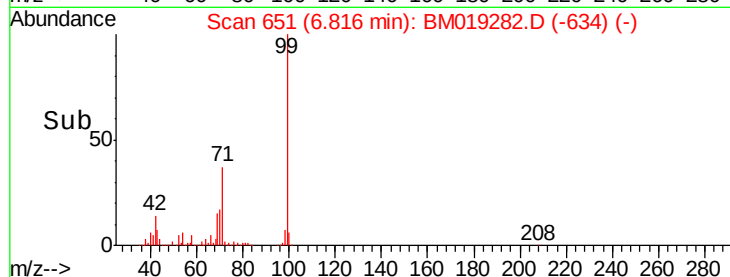
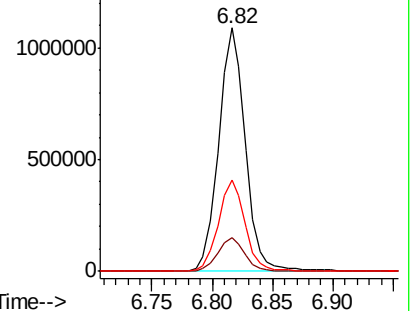
71 37.4 30.1 45.1



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

Tgt Ion: 136 Resp: 746894

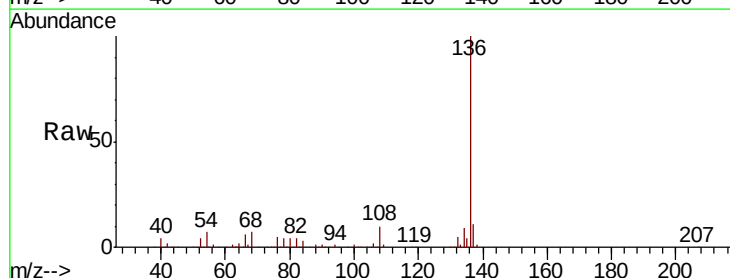
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.7 5.5 8.3

68 7.3 6.0 9.0

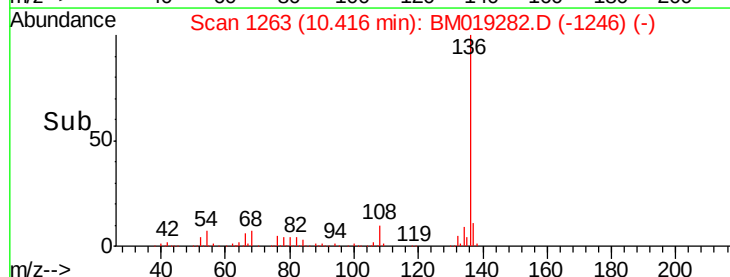
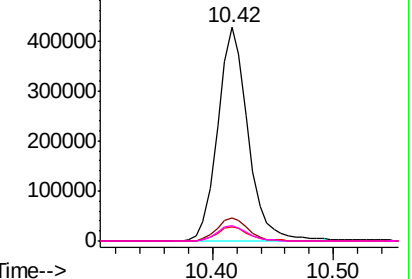


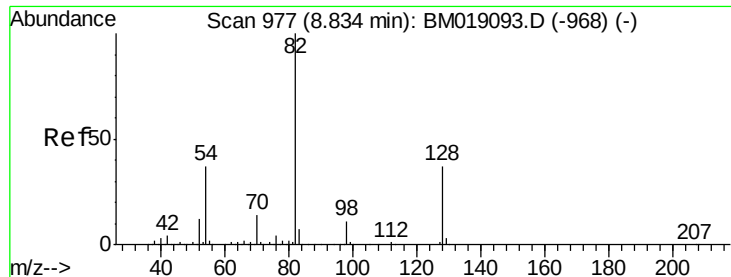
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

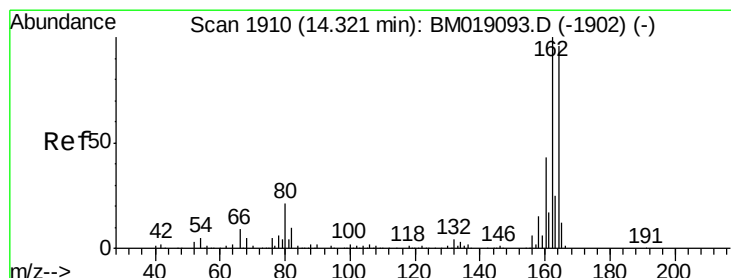
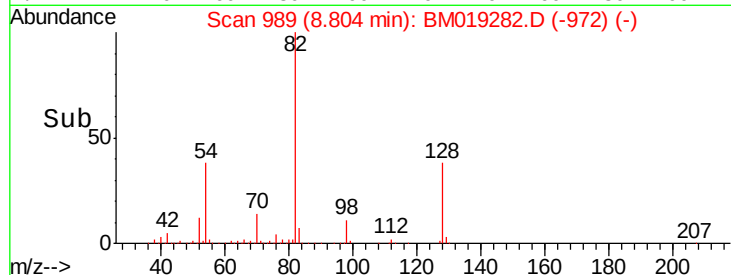
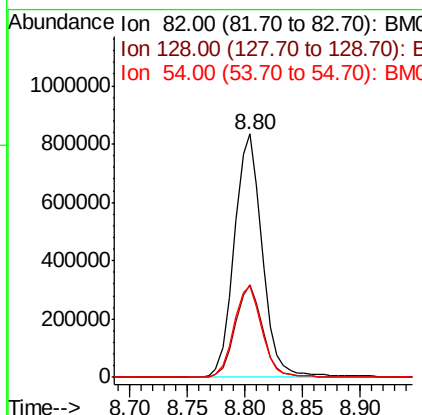
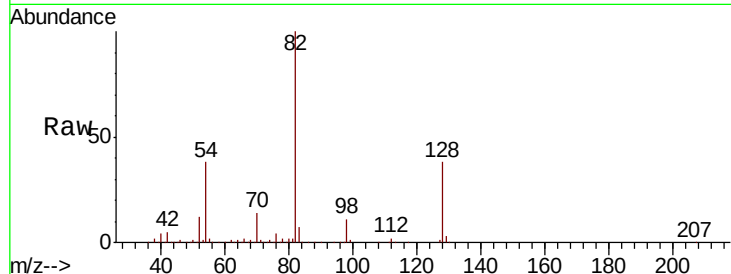




#23
Nitrobenzene-d5
Concen: 88.498 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019282.D
Acq: 21 Mar 2019 04:39

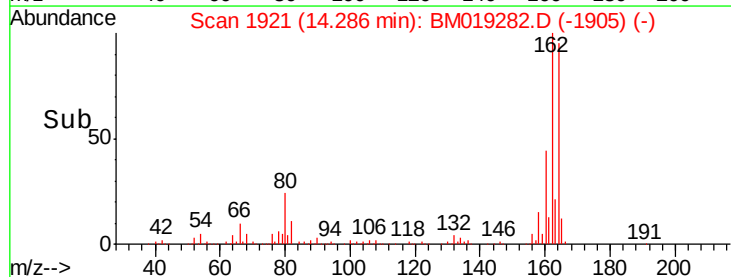
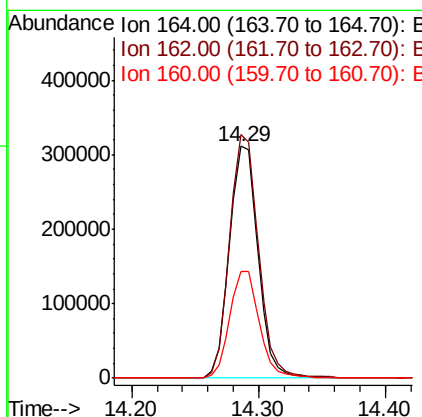
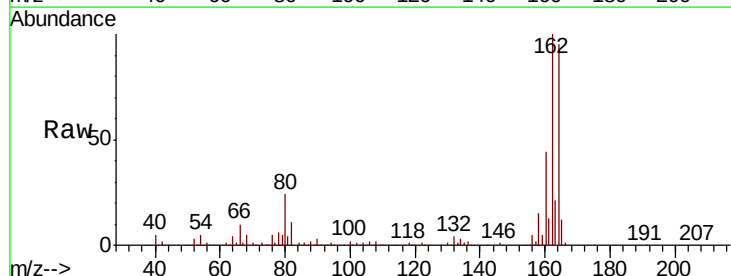
Instrument :
BNA_M
ClientSampleId :
JC-02-031919-F

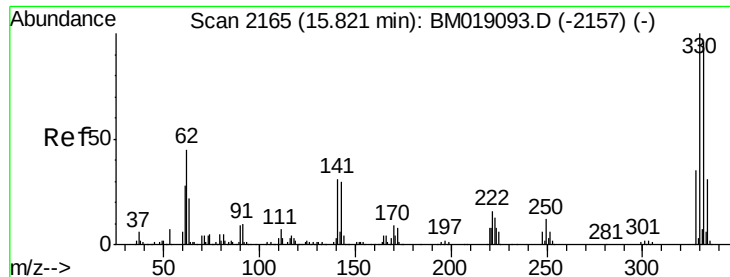
Tot Ion: 82 Resp: 1398318
Ion Ratio Lower Upper
82 100
128 38.1 30.2 45.4
54 37.7 30.2 45.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019282.D
Acq: 21 Mar 2019 04:39

Tgt Ion: 164 Resp: 488300
Ion Ratio Lower Upper
164 100
162 105.0 84.1 126.1
160 46.0 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 141.446 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-F

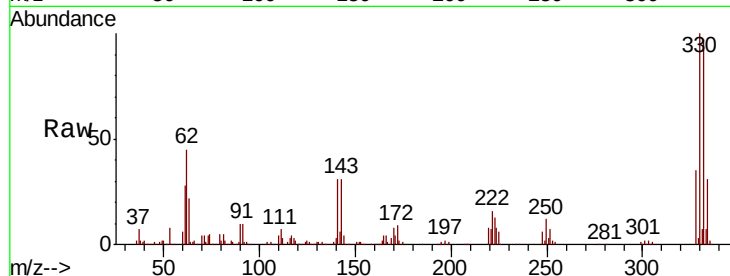
Tot Ion:330 Resp: 1019765

Ion Ratio Lower Upper

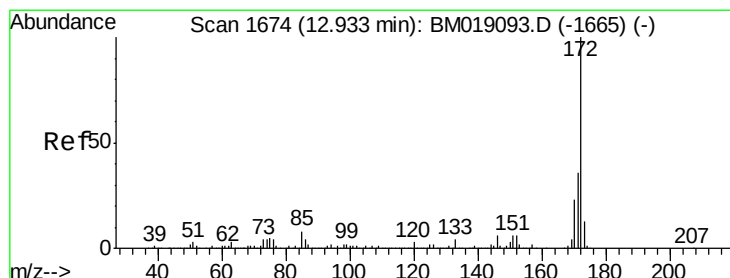
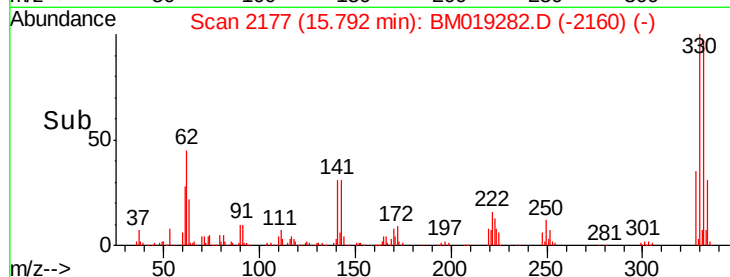
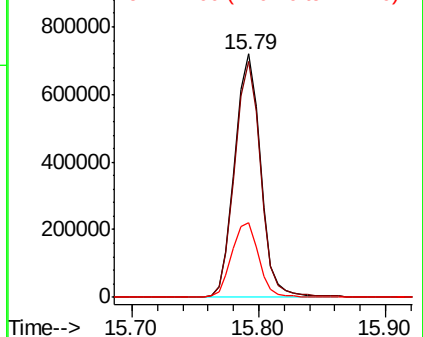
330 100

332 96.7 77.6 116.4

141 32.1 25.7 38.5



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: 82.119 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

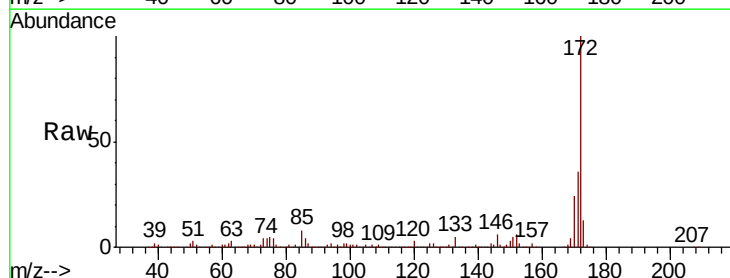
Tgt Ion:172 Resp: 3082694

Ion Ratio Lower Upper

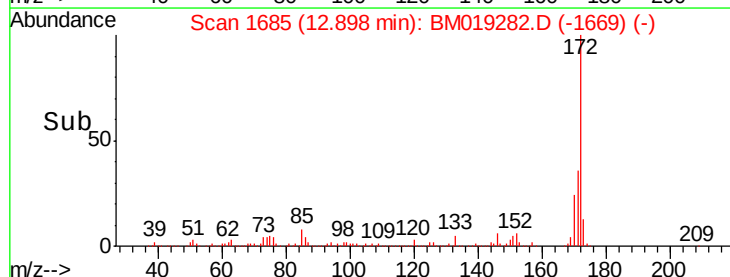
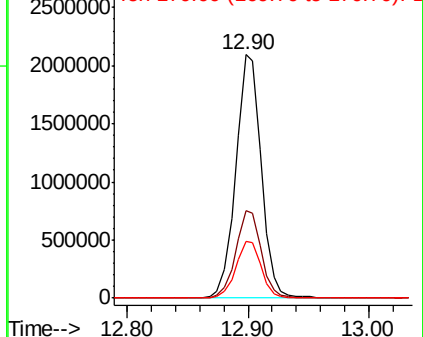
172 100

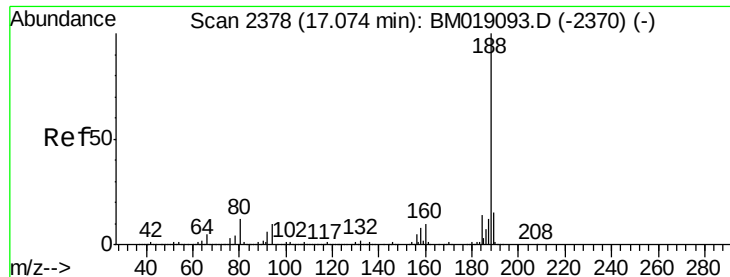
171 36.0 29.0 43.4

170 23.6 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-F

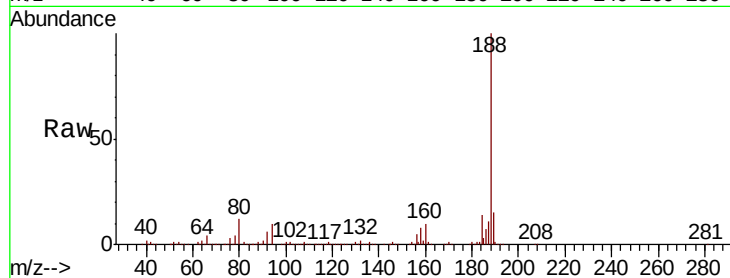
Tot Ion:188 Resp: 1100339

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 12.3 9.8 14.8



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

1000000

800000

600000

400000

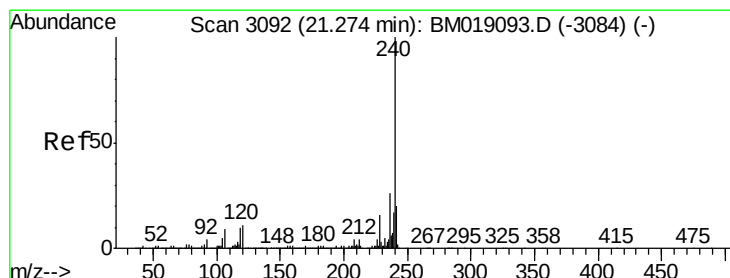
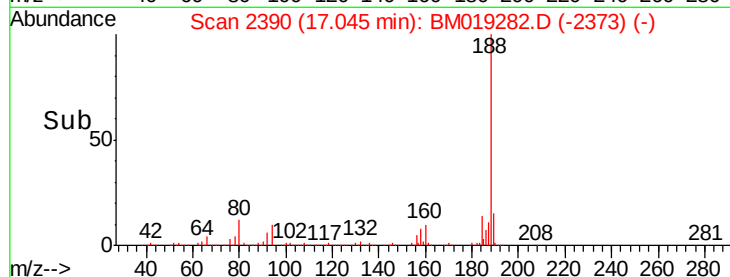
200000

0

17.04

17.00 17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

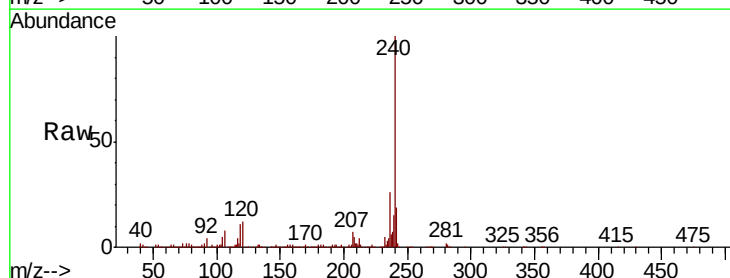
Tgt Ion:240 Resp: 864811

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 26.1 20.3 30.5



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

800000

600000

400000

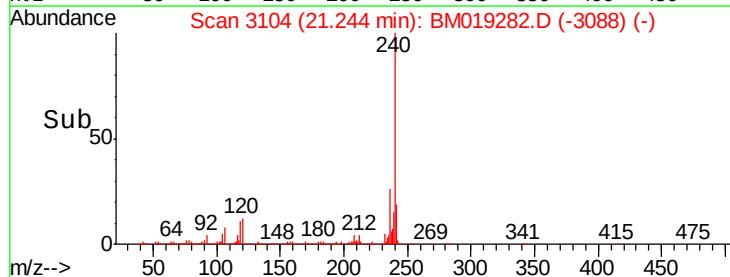
200000

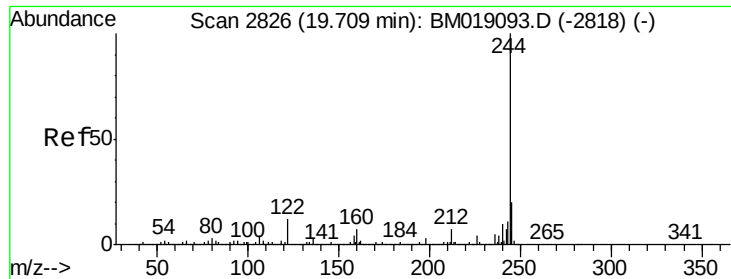
0

21.24

21.20 21.30

Time-->





#79

Terphenyl-d14

Concen: 113.826 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-F

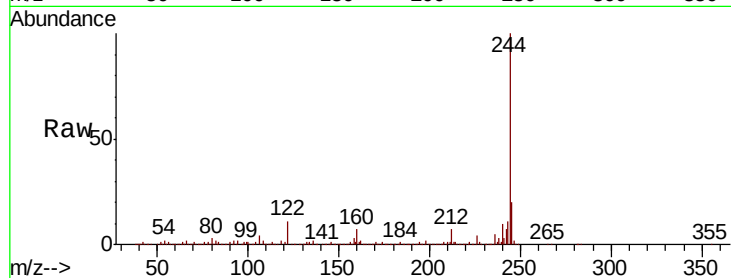
Tot Ion:244 Resp: 4958549

Ion Ratio Lower Upper

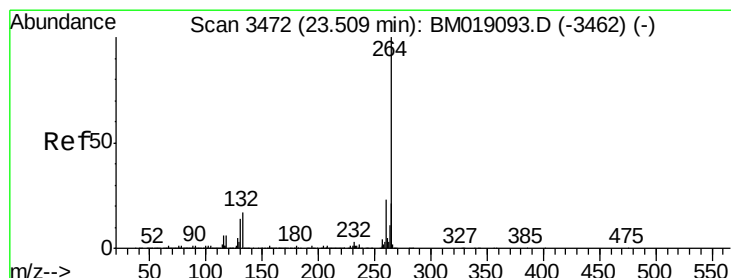
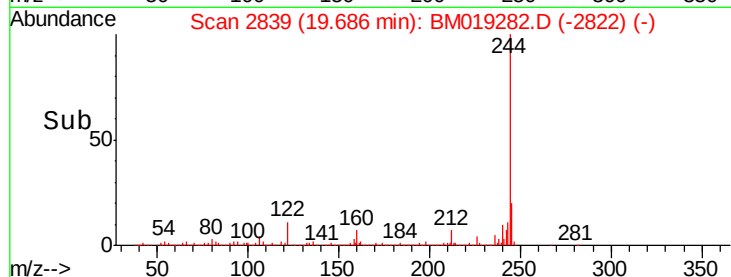
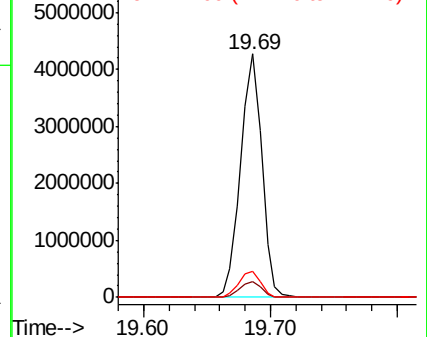
244 100

212 6.6 5.4 8.2

122 10.9 9.6 14.4



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. 0.00 min

Lab File: BM019282.D

Acq: 21 Mar 2019 04:39

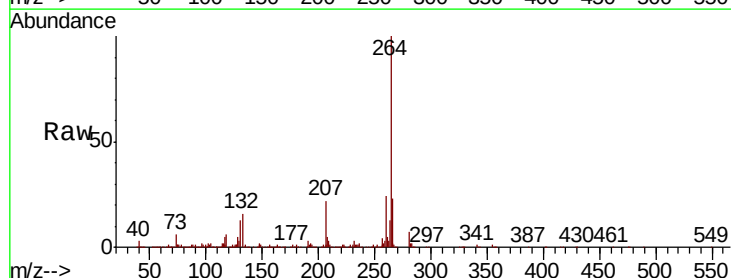
Tgt Ion:264 Resp: 814660

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.5 17.6 26.4



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

