

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019286.D
 Acq On : 21 Mar 2019 07:04
 Operator : JU/SJ
 Sample : K1688-40
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 21 17:18:44 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	189531	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	779400	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	513469	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1157838	20.00	ng	0.00
76) Chrysene-d12	21.24	240	913513	20.00	ng	0.00
87) Perylene-d12	23.47	264	844870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1280415	109.41	ng	0.00
7) Phenol-d6	6.82	99	1662959	97.14	ng	0.00
23) Nitrobenzene-d5	8.80	82	1259367	76.38	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	939092	123.87	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2692117	68.20	ng	0.00
79) Terphenyl-d14	19.69	244	4725819	102.70	ng	0.00

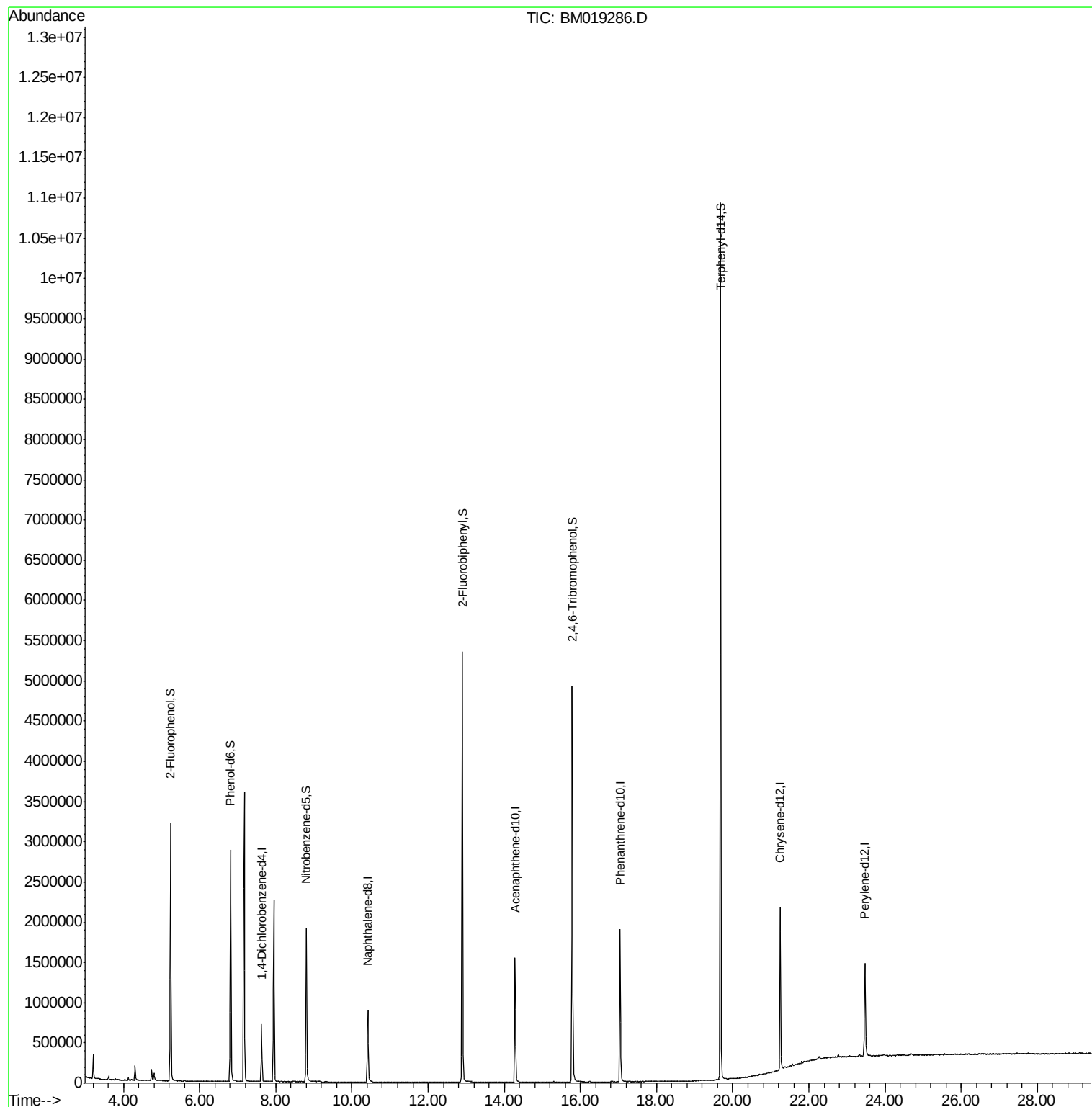
Target Compounds Qvalue

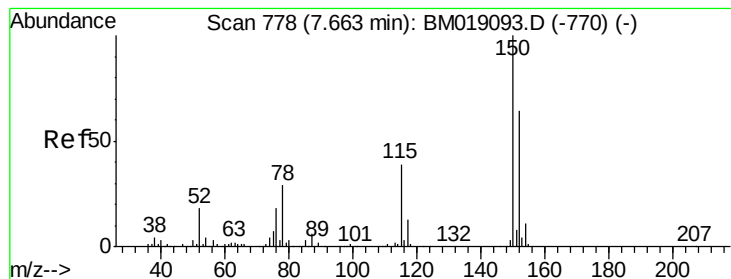
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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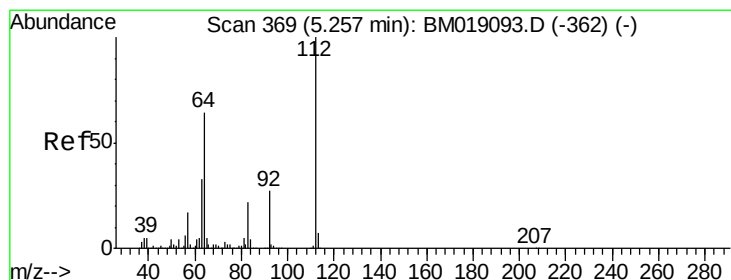
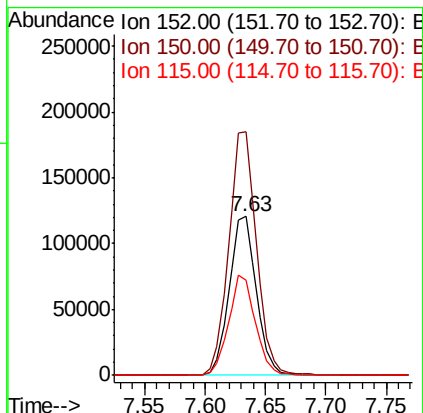
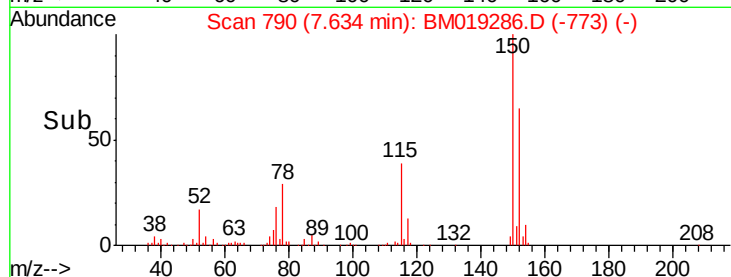
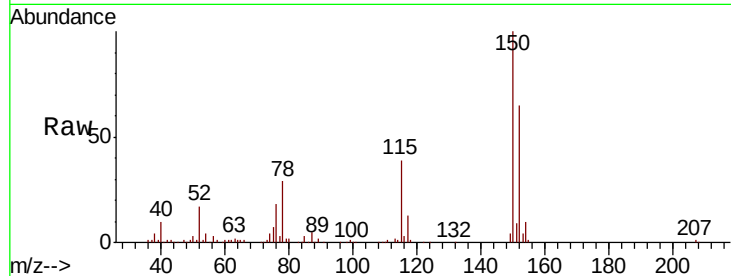


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019286.D
Acq: 21 Mar 2019 07:04

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

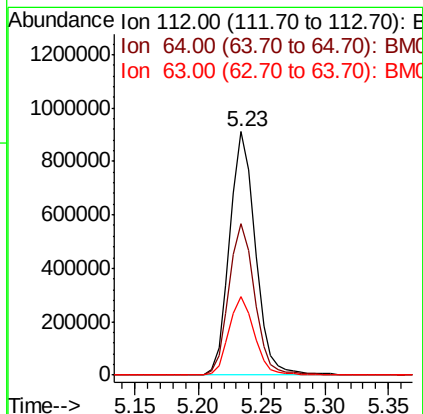
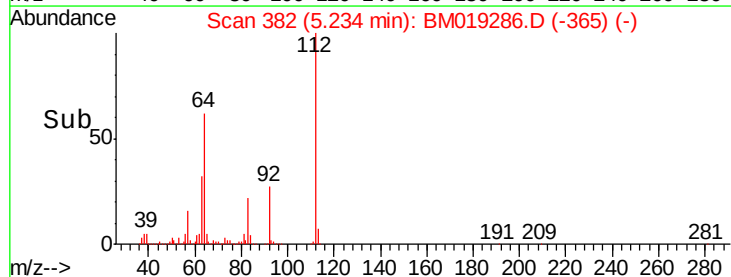
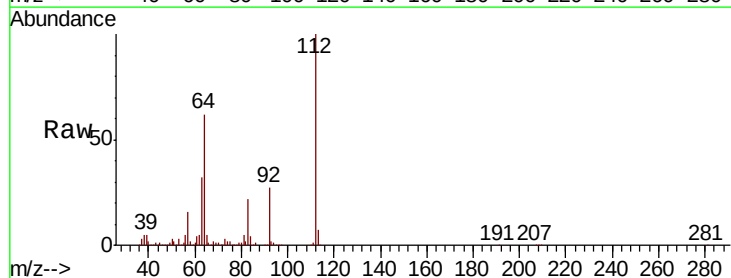
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.6
115	60.1	48.9	73.3

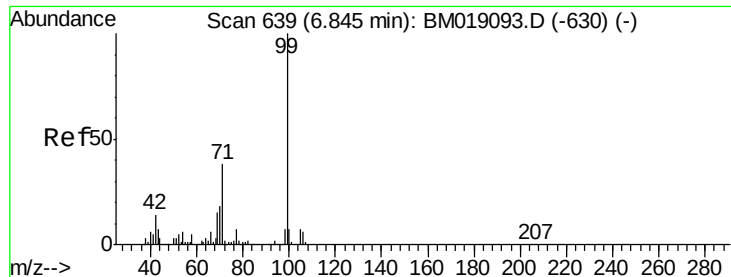


#5

2-Fluorophenol
Concen: 109.407 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019286.D
Acq: 21 Mar 2019 07:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.6	75.8
63	32.2	25.8	38.6





#7

Phenol-d6

Concen: 97.145 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019286.D

Acq: 21 Mar 2019 07:04

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-J

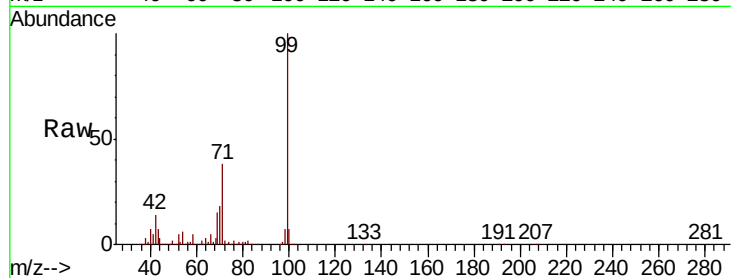
Tot Ion: 99 Resp: 1662959

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

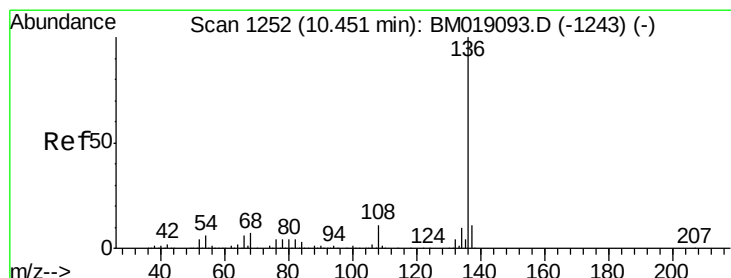
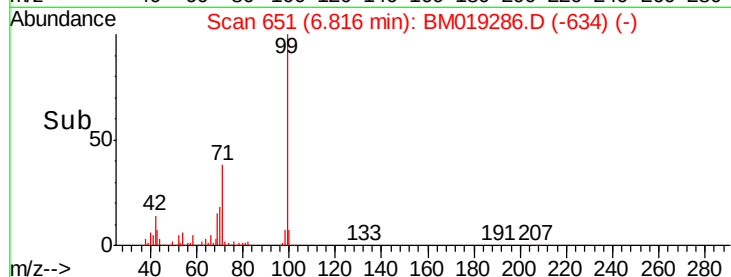
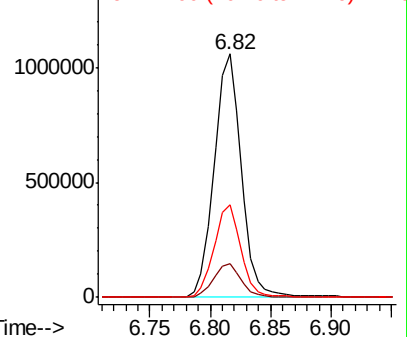
71 37.9 30.1 45.1



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: BM019286.D

Acq: 21 Mar 2019 07:04

Tgt Ion: 136 Resp: 779400

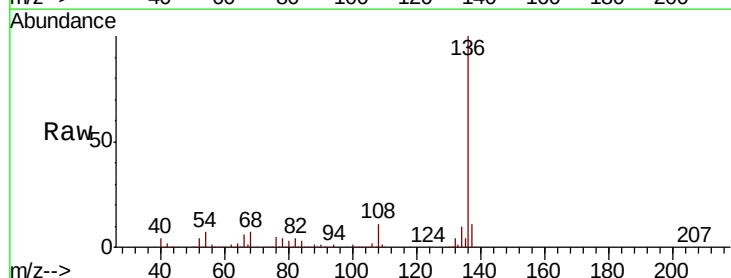
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.9 5.5 8.3

68 7.0 6.0 9.0

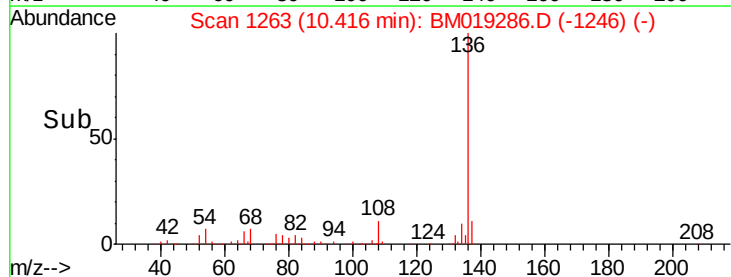
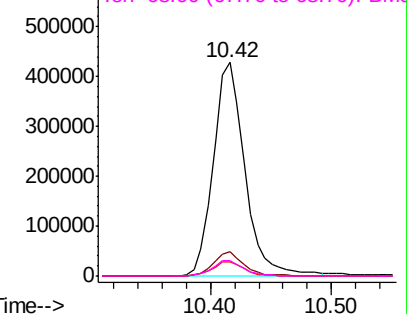


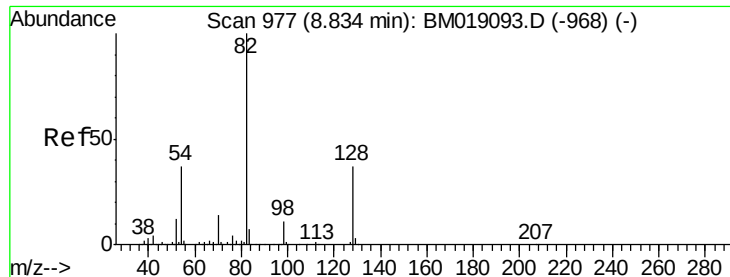
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

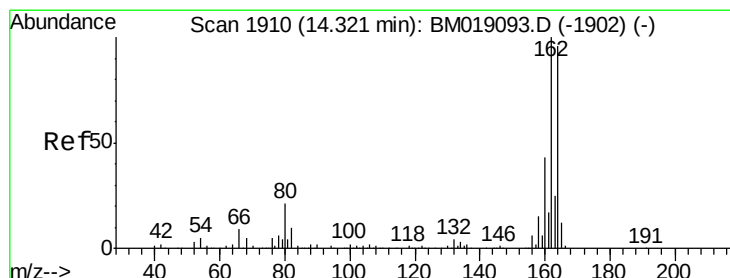
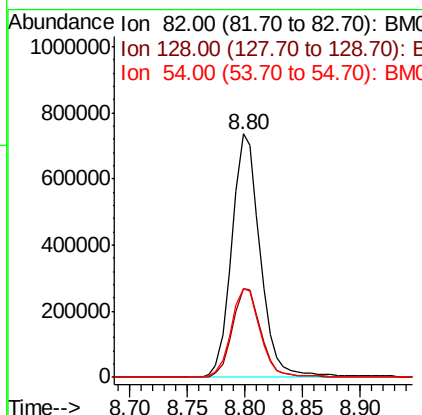
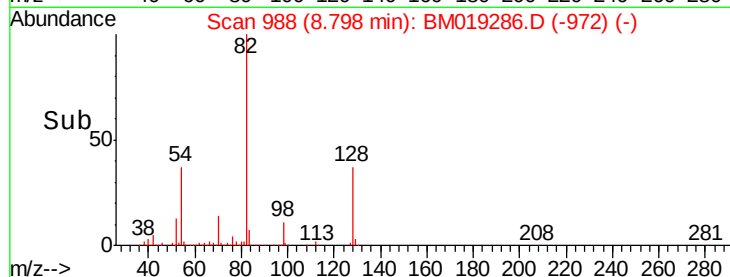
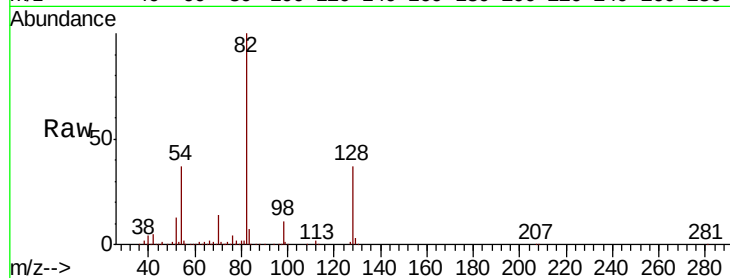




#23
Nitrobenzene-d5
Concen: 76.380 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM019286.D
Acq: 21 Mar 2019 07:04

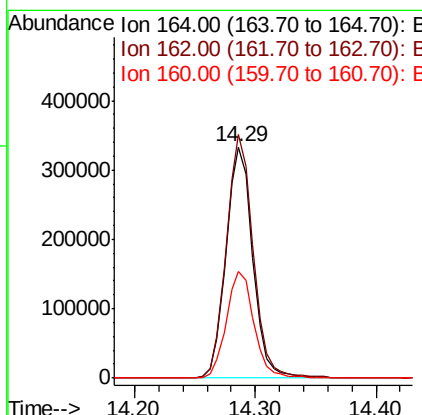
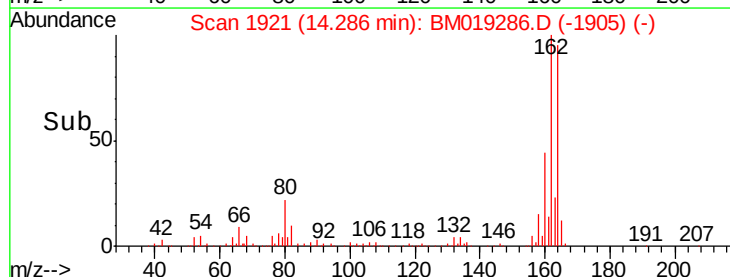
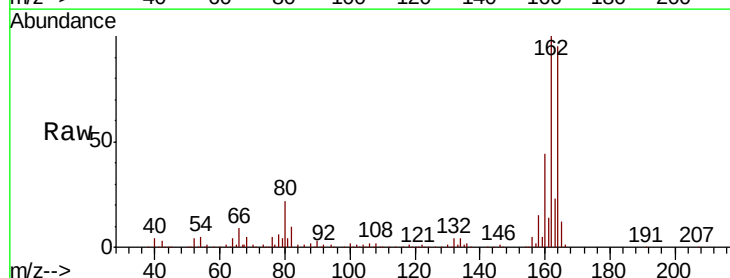
Instrument :
BNA_M
ClientSampleId :
JC-02-031919-J

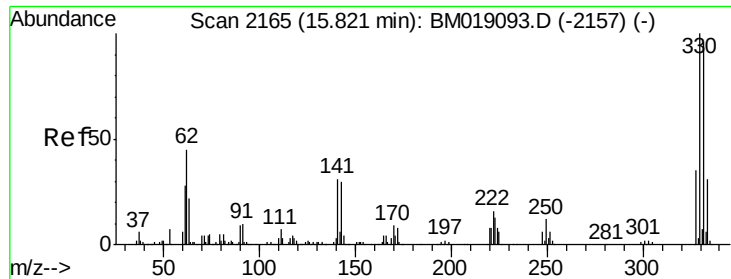
Tot Ion: 82 Resp: 1259367
Ion Ratio Lower Upper
82 100
128 36.5 30.2 45.4
54 36.6 30.2 45.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019286.D
Acq: 21 Mar 2019 07:04

Tgt Ion:164 Resp: 513469
Ion Ratio Lower Upper
164 100
162 105.3 84.1 126.1
160 46.2 36.5 54.7

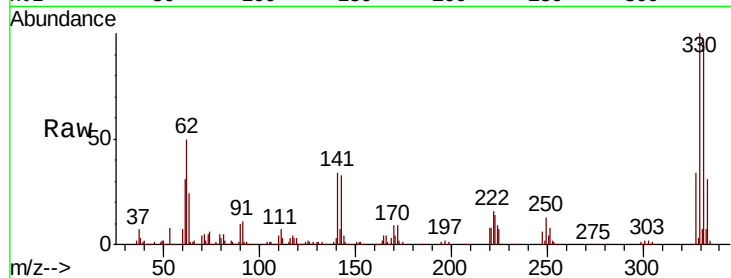




#42
 2,4,6-Tribromophenol
 Concen: 123.871 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BM019286.D
 Acq: 21 Mar 2019 07:04

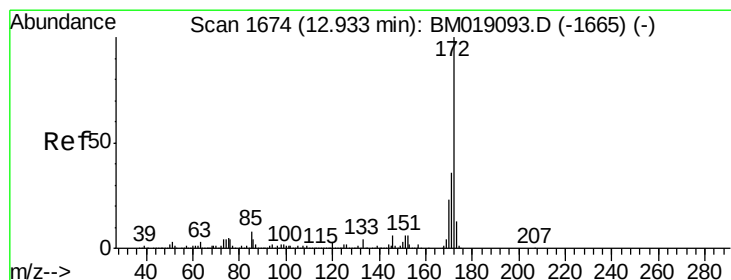
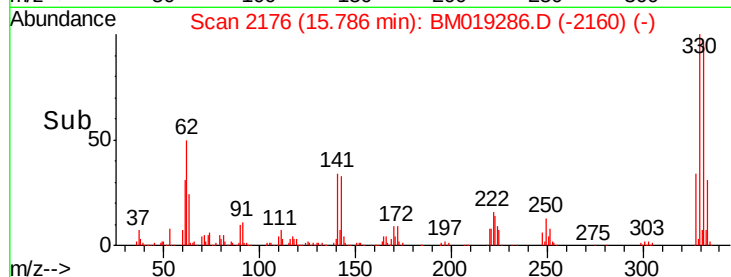
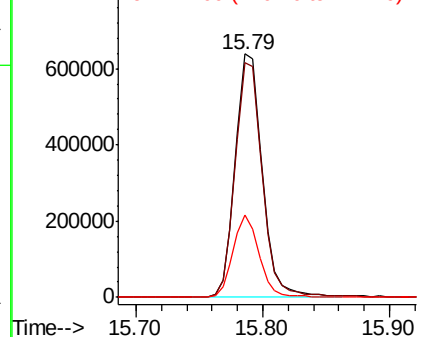
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-031919-J

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	32.8	25.7	38.5



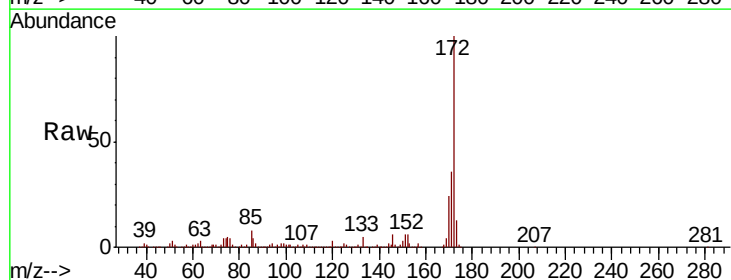
Abundance

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



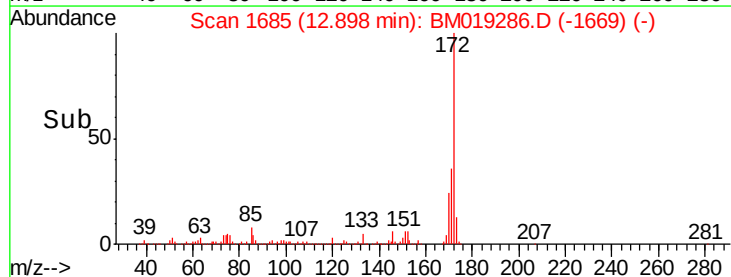
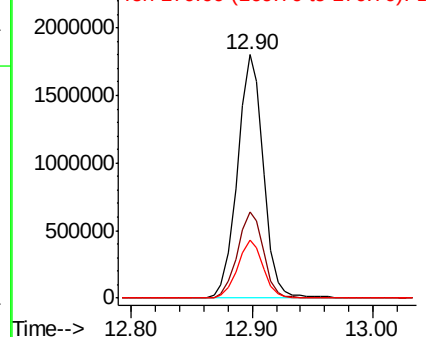
#45
 2-Fluorobiphenyl
 Concen: 68.199 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM019286.D
 Acq: 21 Mar 2019 07:04

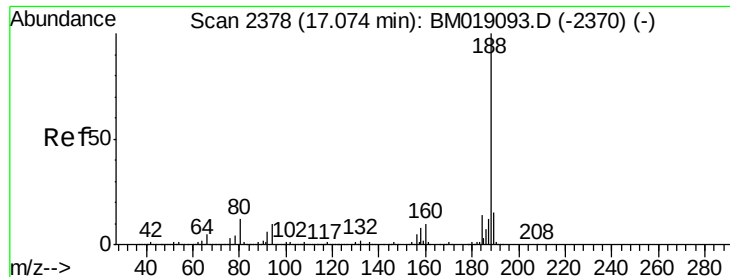
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.8	18.9	28.3



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: BM019286.D

Acq: 21 Mar 2019 07:04

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-J

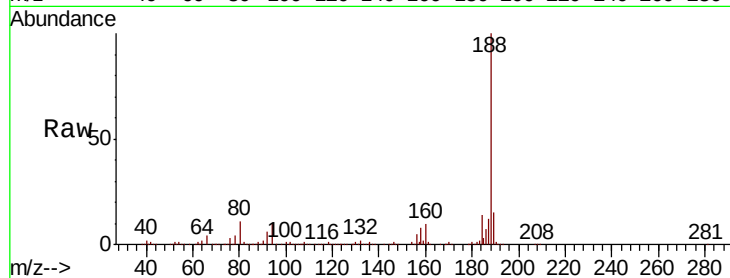
Tot Ion:188 Resp: 1157838

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

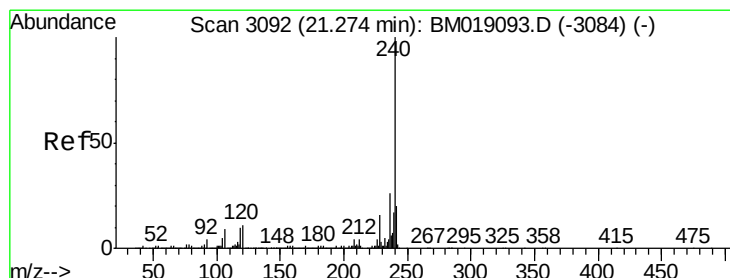
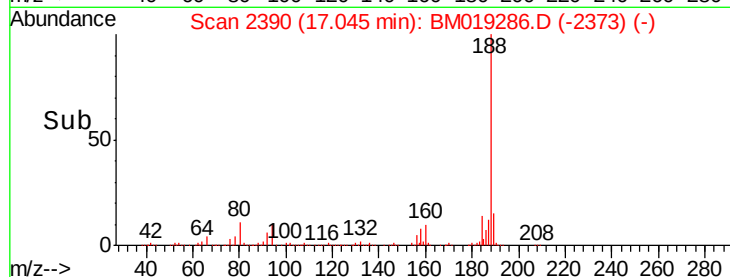
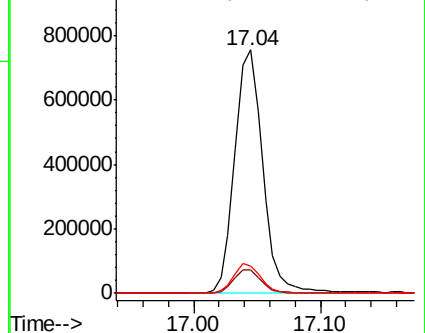
80 11.4 9.8 14.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019286.D

Acq: 21 Mar 2019 07:04

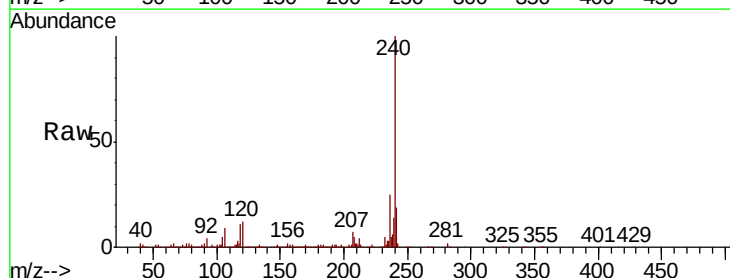
Tgt Ion:240 Resp: 913513

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

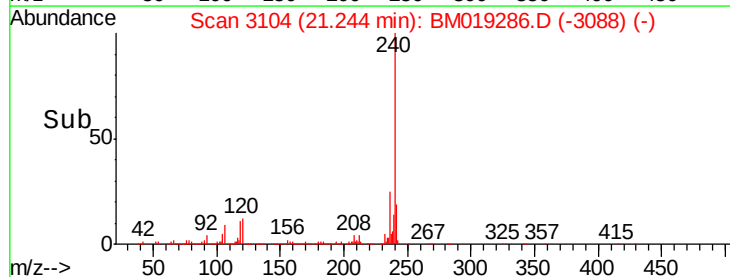
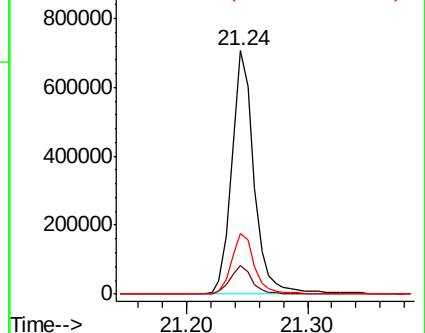
236 24.9 20.3 30.5

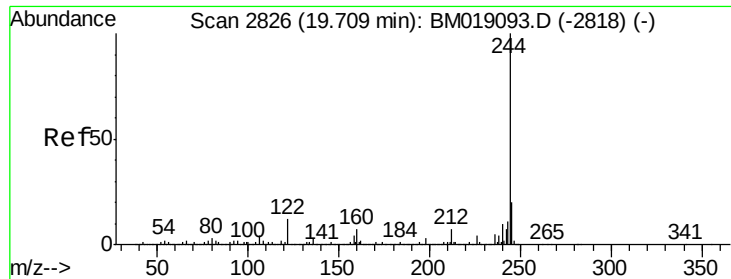


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.700 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019286.D

Acq: 21 Mar 2019 07:04

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-J

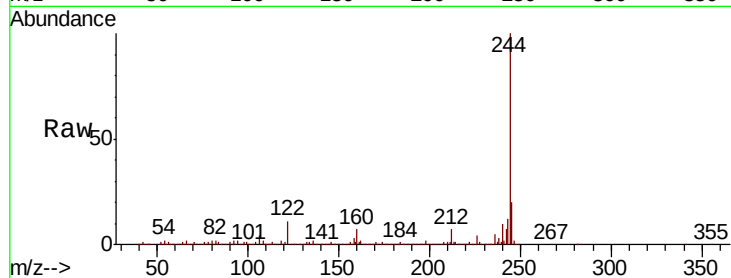
Tot Ion:244 Resp: 4725819

Ion Ratio Lower Upper

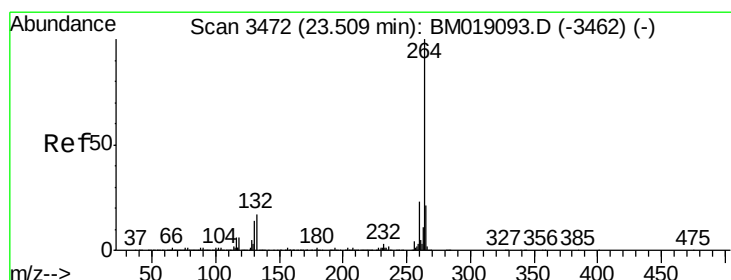
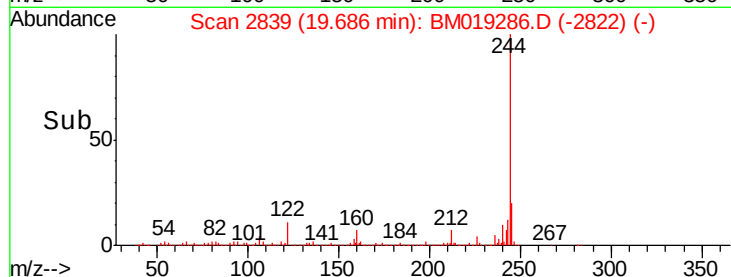
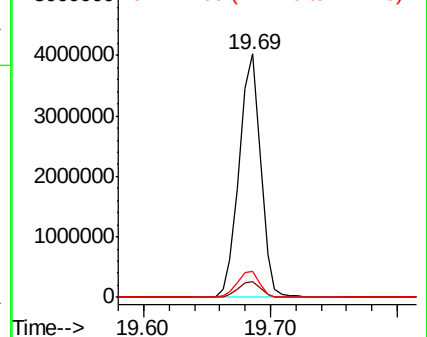
244 100

212 6.6 5.4 8.2

122 10.7 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: BM019286.D

Acq: 21 Mar 2019 07:04

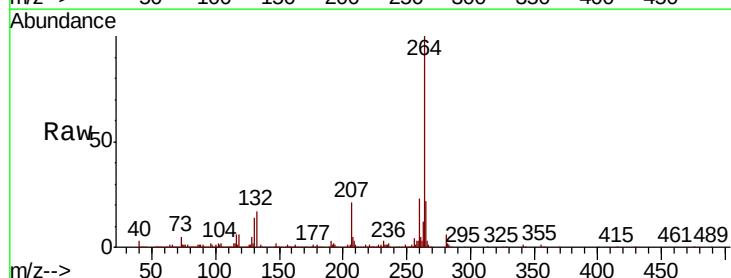
Tgt Ion:264 Resp: 844870

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 21.7 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

