

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019995.D
 Acq On : 20 Apr 2019 06:41
 Operator : JU/SJ
 Sample : K2193-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-B

Quant Time: Apr 21 22:25:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109847	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	423347	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	256255	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	607752	20.00	ng	0.00
76) Chrysene-d12	21.16	240	657151	20.00	ng	0.00
87) Perylene-d12	23.34	264	761916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	965877	142.50	ng	0.00
7) Phenol-d6	6.70	99	1169127	114.61	ng	0.00
23) Nitrobenzene-d5	8.68	82	928577	98.09	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	624177	151.32	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1957833	95.21	ng	0.00
79) Terphenyl-d14	19.59	244	3887396	104.34	ng	0.00

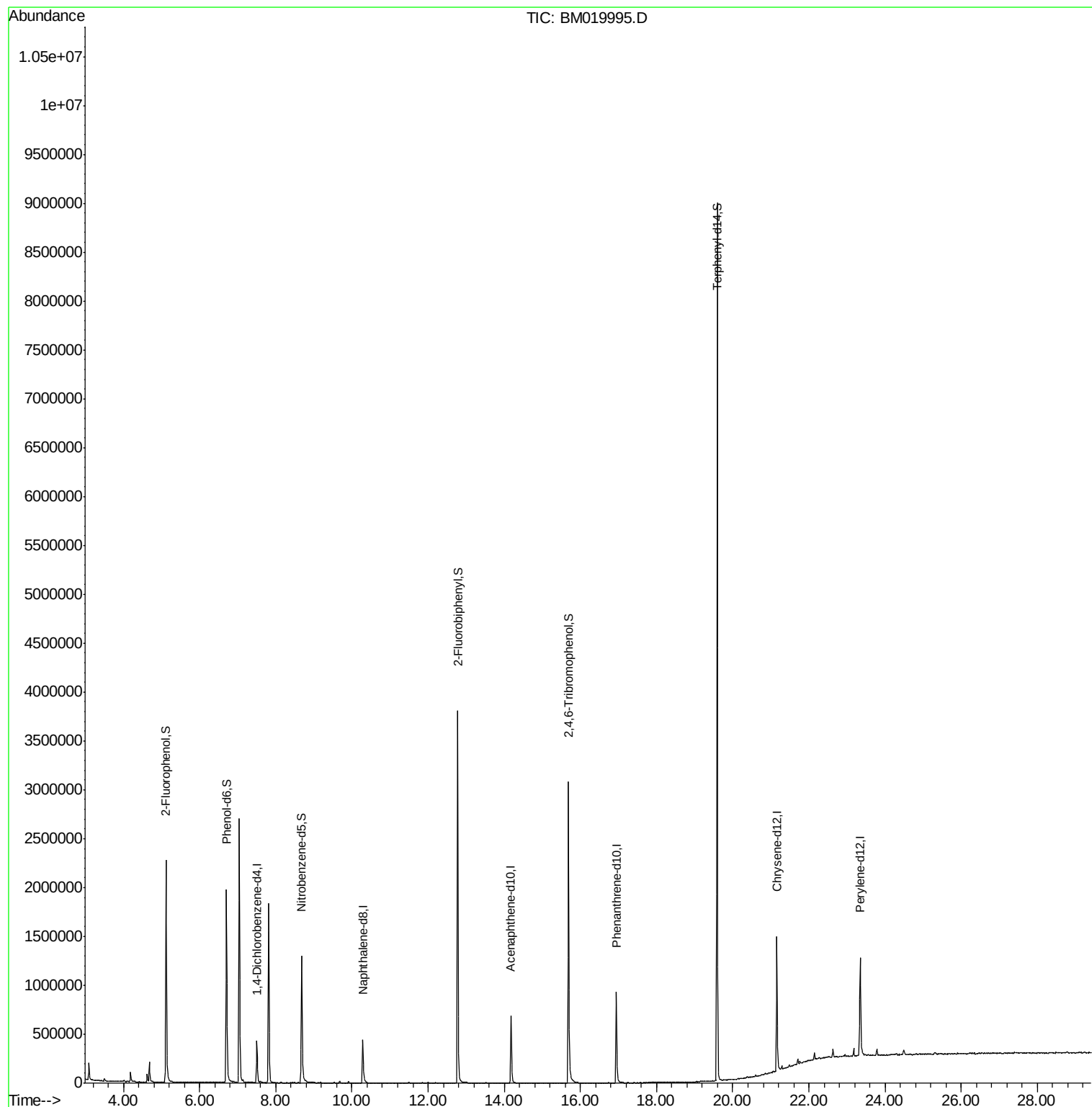
Target Compounds	Qvalue
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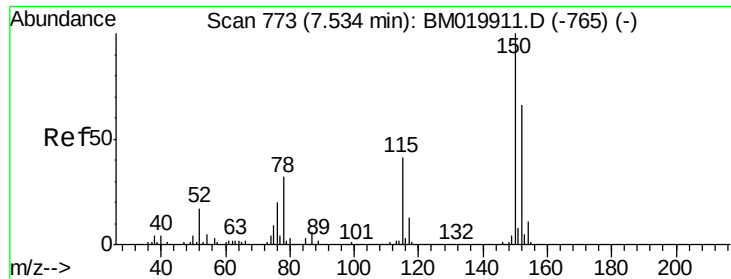
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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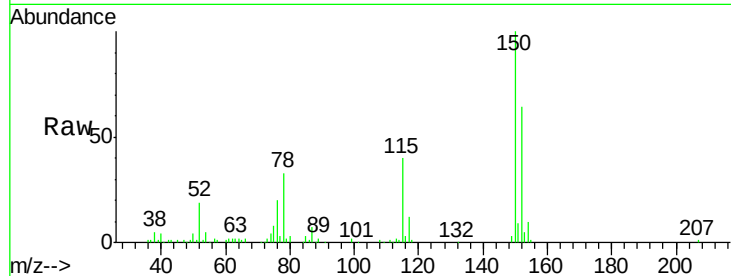


#1

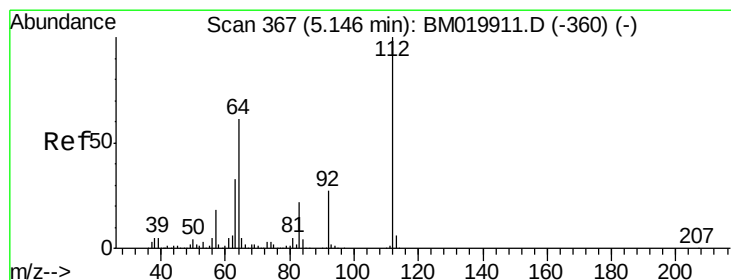
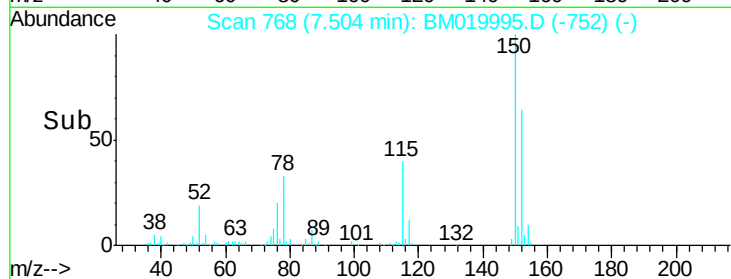
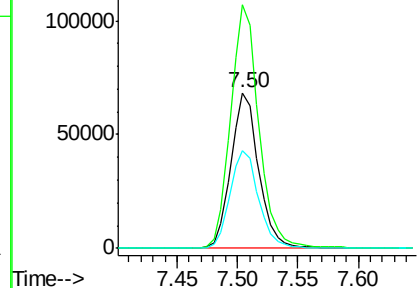
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019995.D
Acq: 20 Apr 2019 06:41

Instrument :
BNA_M
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HR-05-041719-B

Tgt Ion:152 Resp: 109847
Ion Ratio Lower Upper
152 100
150 156.4 122.1 183.1
115 62.4 50.0 75.0



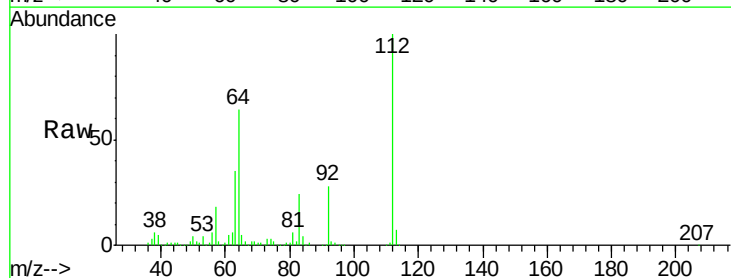
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



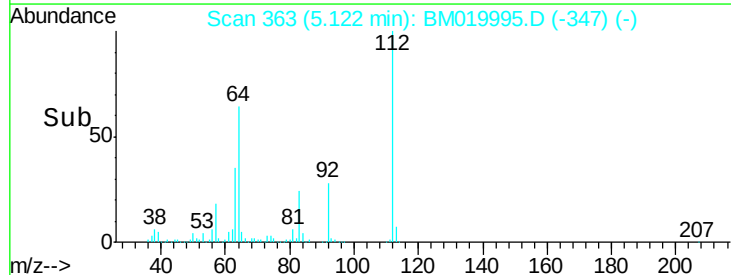
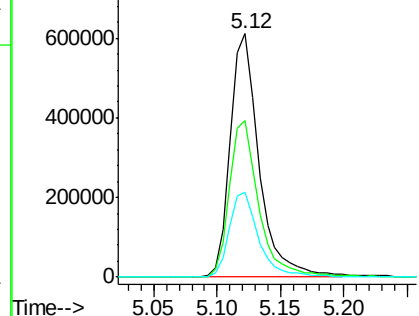
#5

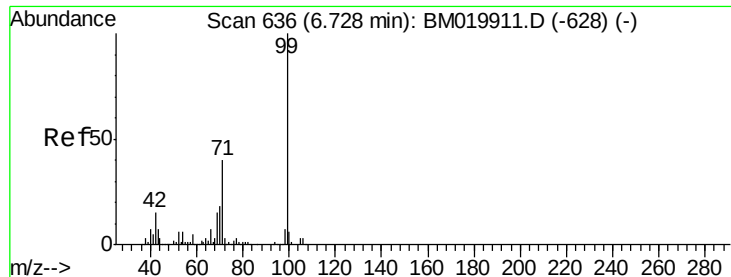
2-Fluorophenol
Concen: 142.503 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019995.D
Acq: 20 Apr 2019 06:41

Tgt Ion:112 Resp: 965877
Ion Ratio Lower Upper
112 100
64 64.4 49.1 73.7
63 34.9 26.5 39.7



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: 114.612 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

Instrument :

BNA_M

ClientSampleId :

HR-05-041719-B

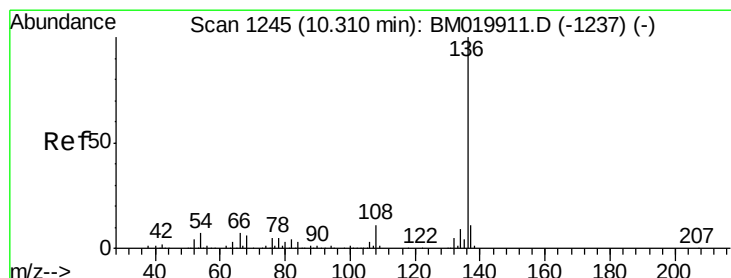
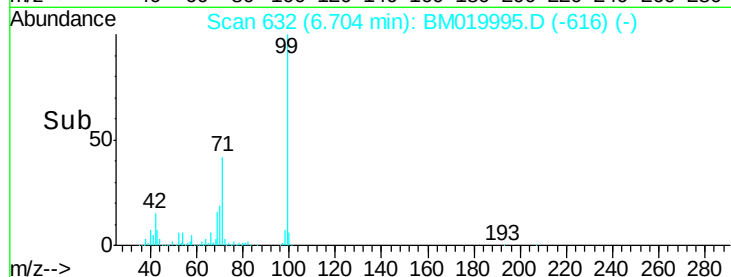
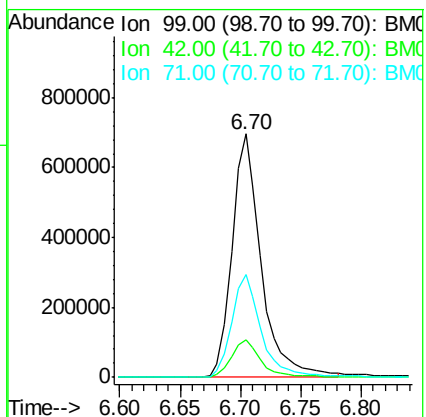
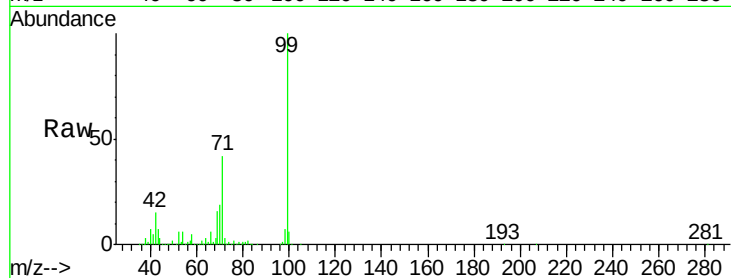
Tgt Ion: 99 Resp: 1169127

Ion Ratio Lower Upper

99 100

42 15.3 11.8 17.8

71 42.0 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

Tgt Ion: 136 Resp: 423347

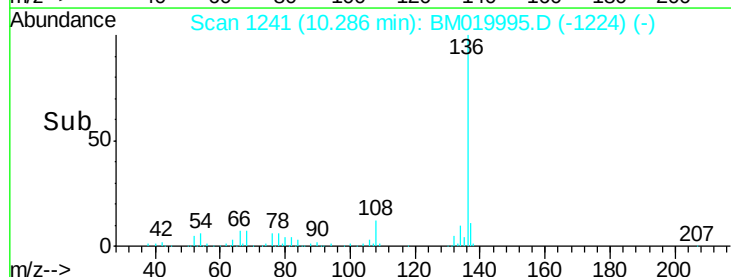
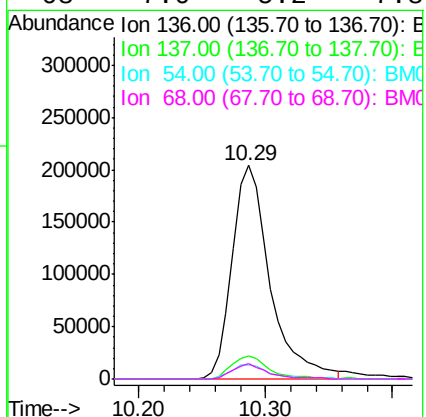
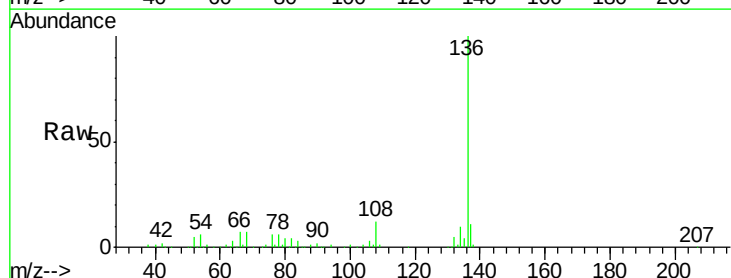
Ion Ratio Lower Upper

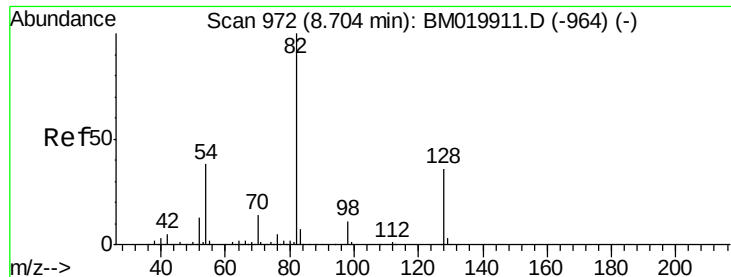
136 100

137 10.5 9.0 13.6

54 6.5 5.3 7.9

68 7.0 5.2 7.8

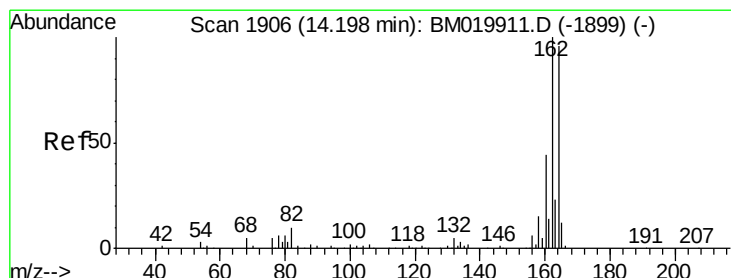
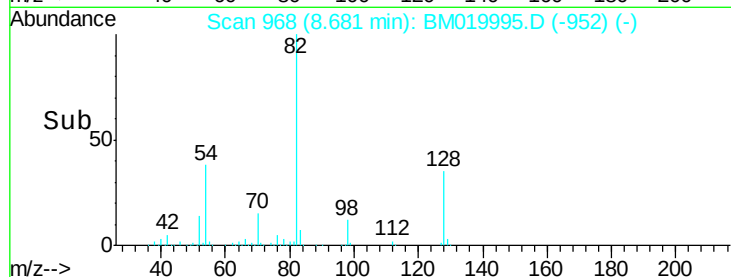
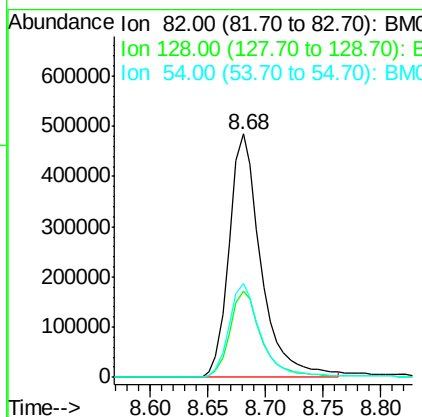
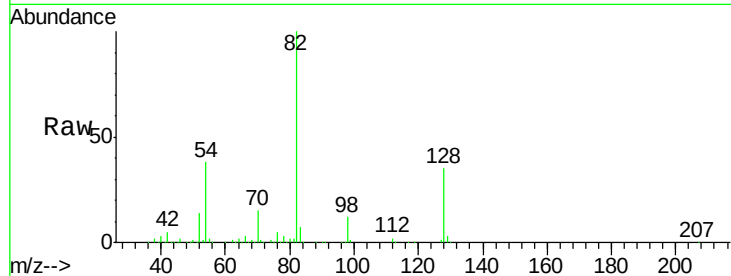




#23
 Nitrobenzene-d5
 Concen: 98.092 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

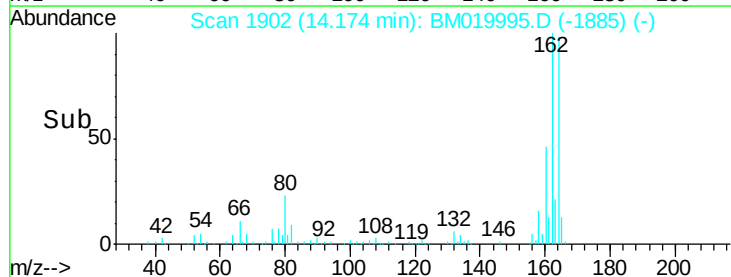
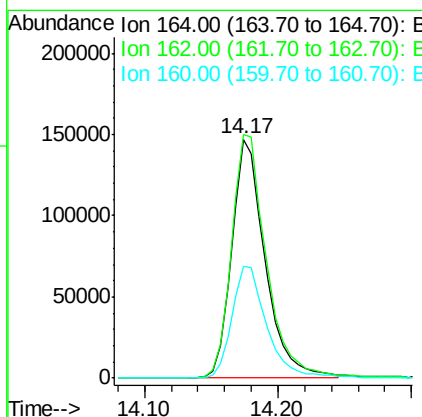
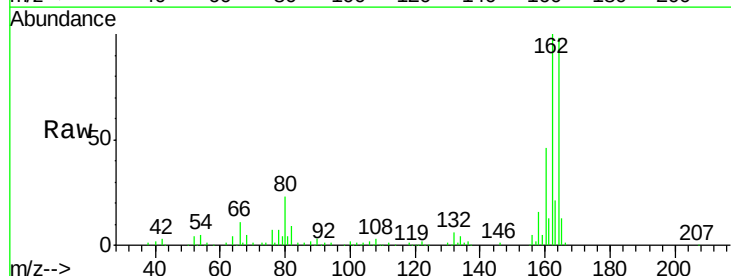
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-B

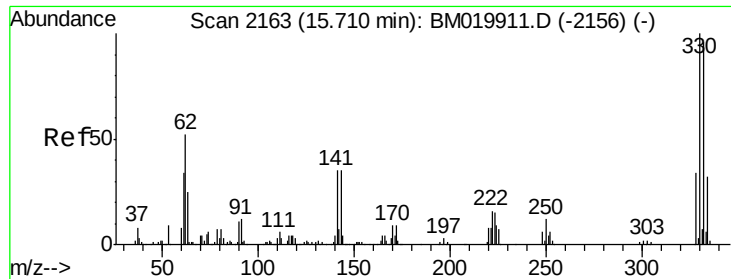
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.0	43.4
54	38.3	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	46.7	36.6	55.0

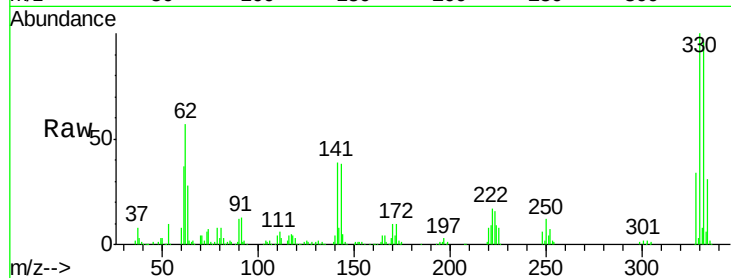




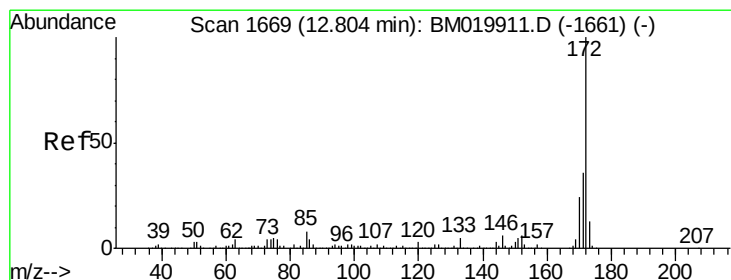
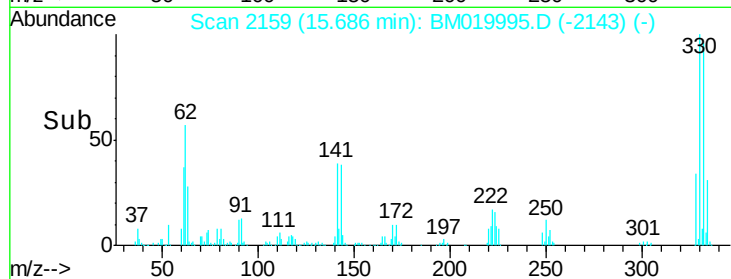
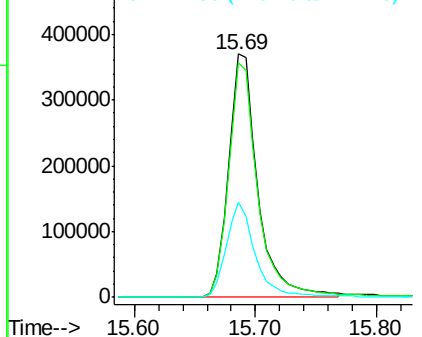
#42
 2,4,6-Tribromophenol
 Concen: 151.316 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-B

Tgt Ion:330 Resp: 624177
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 38.4 29.0 43.4

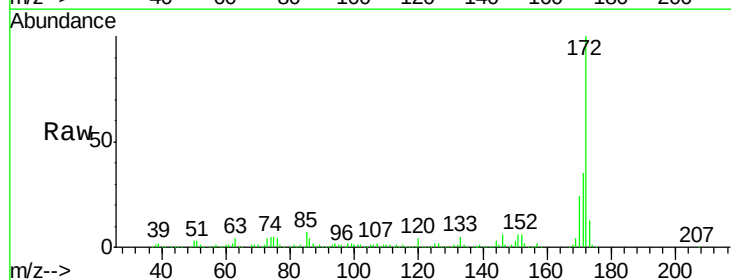


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

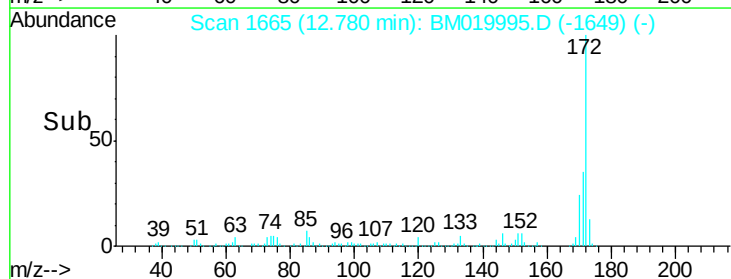
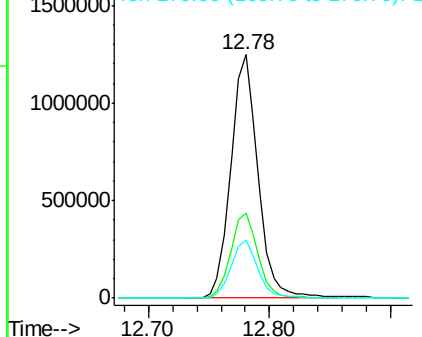


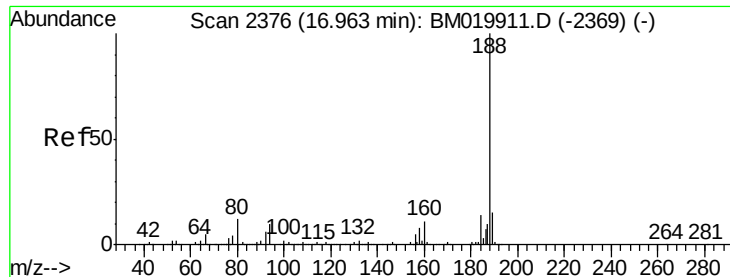
#45
 2-Fluorobiphenyl
 Concen: 95.214 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

Tgt Ion:172 Resp: 1957833
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.7 19.0 28.4



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: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

Instrument :

BNA_M

ClientSampleId :

HR-05-041719-B

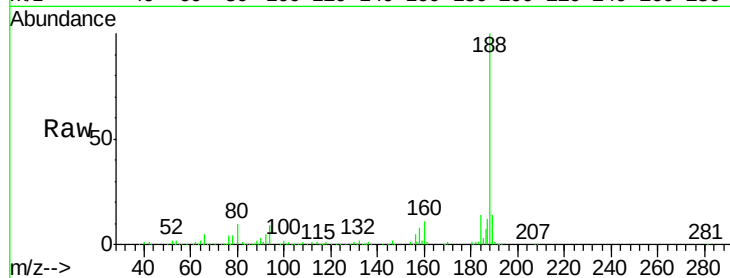
Tgt Ion:188 Resp: 607752

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

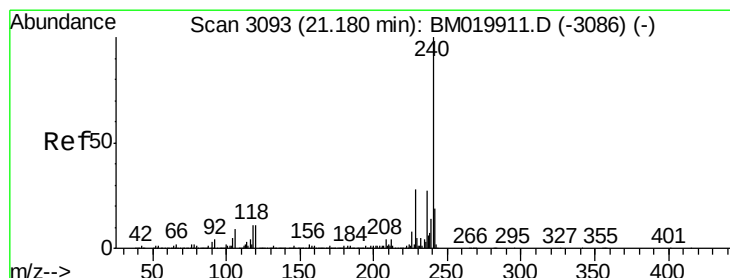
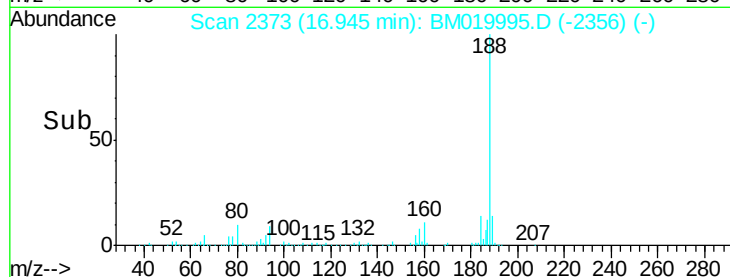
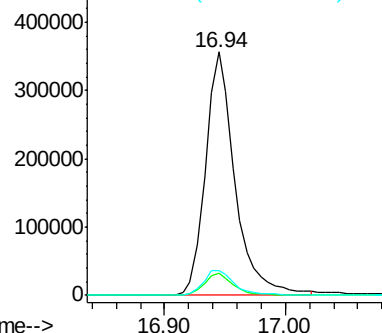
80 10.4 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

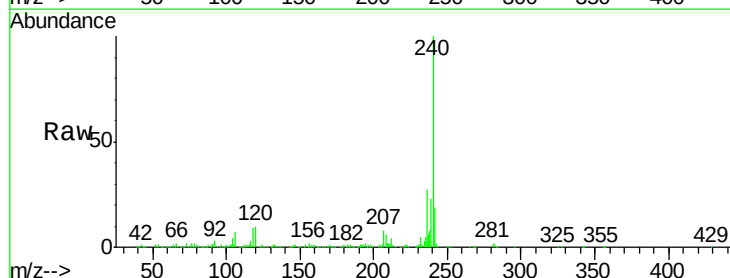
Tgt Ion:240 Resp: 657151

Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

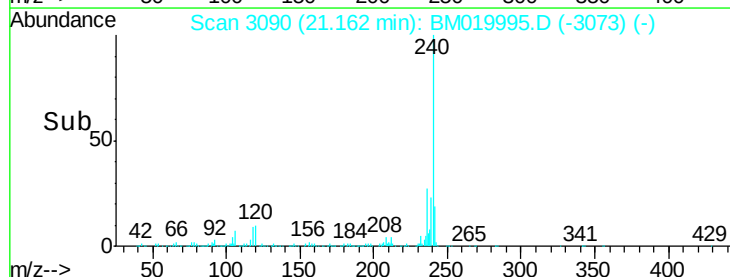
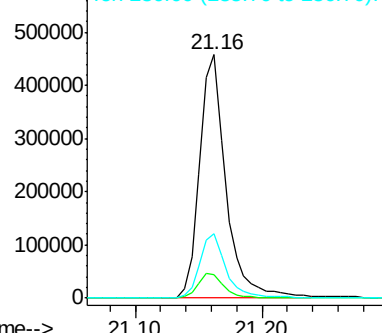
236 26.5 21.4 32.2

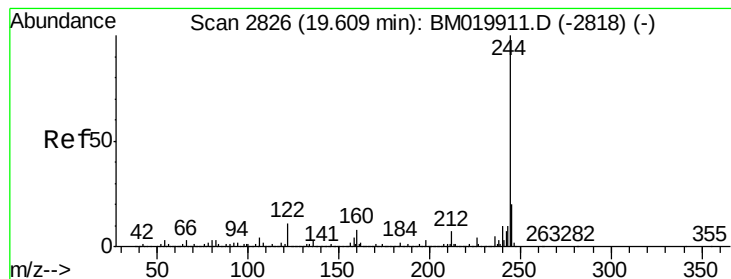


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.340 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

Instrument :

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HR-05-041719-B

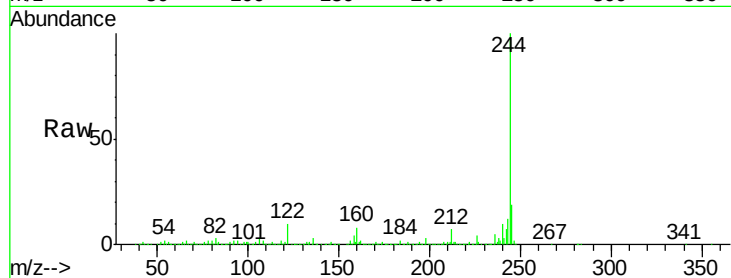
Tgt Ion:244 Resp: 3887396

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

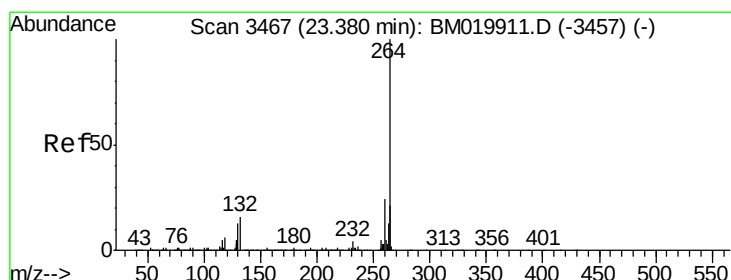
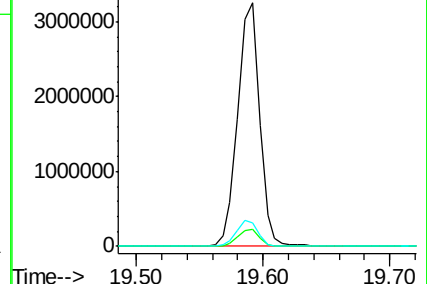
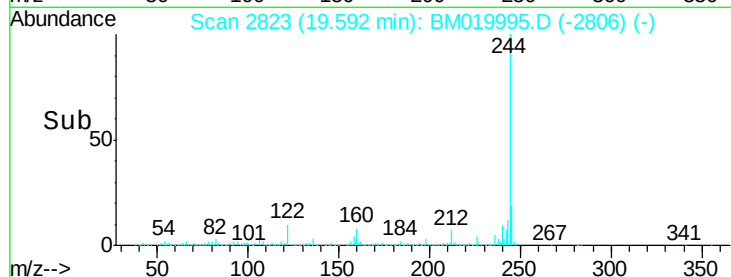
122 9.6 9.1 13.7



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: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM019995.D

Acq: 20 Apr 2019 06:41

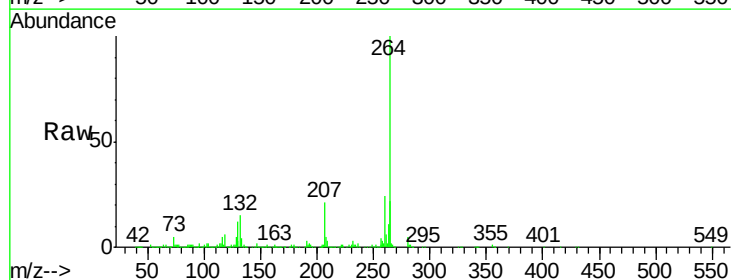
Tgt Ion:264 Resp: 761916

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 17.2 25.8



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

