

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 22:08:09 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

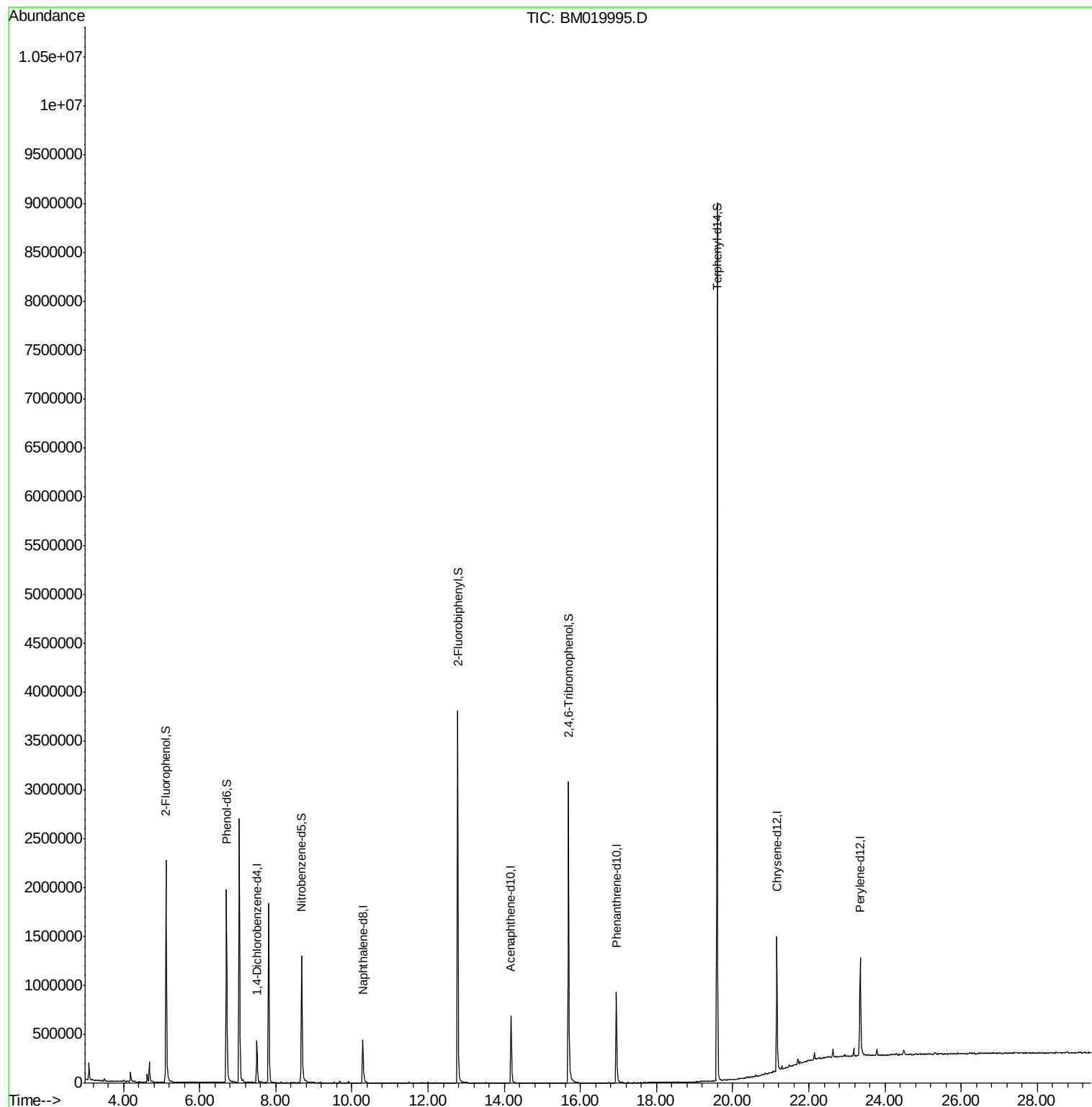
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109847	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	423347	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	256255	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	607752	20.00	ng	0.00
76) Chrysene-d12	21.16	240	657151	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						
9) Benzaldehyde	6.70	77	4345	Below Cal	Qvalue #	22

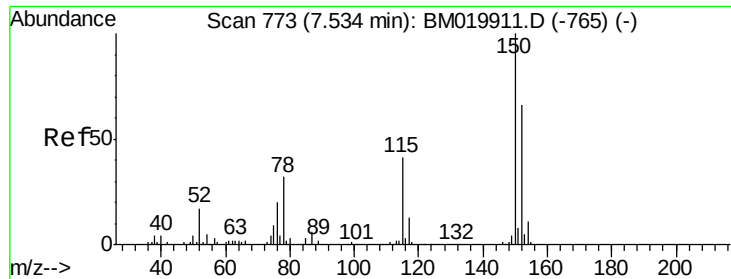
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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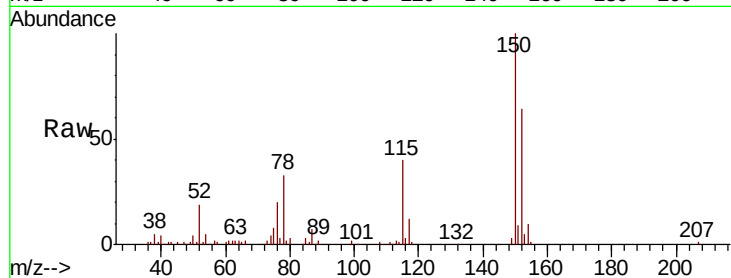


#1

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
ClientSampleId :
HR-05-041719-B

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

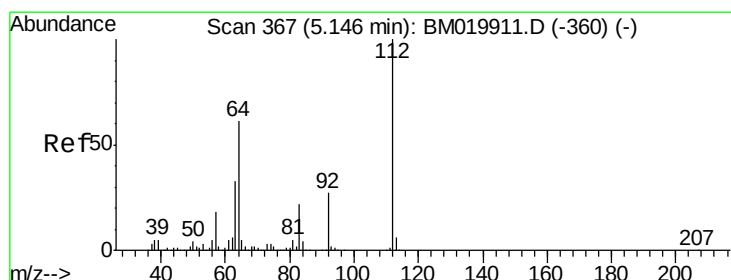
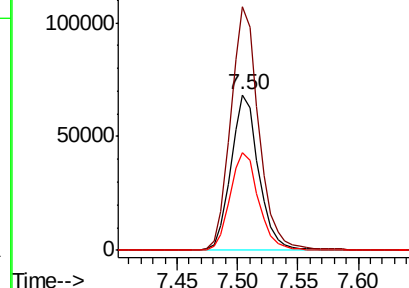
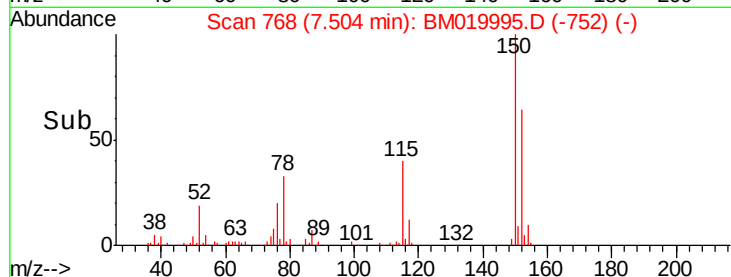


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

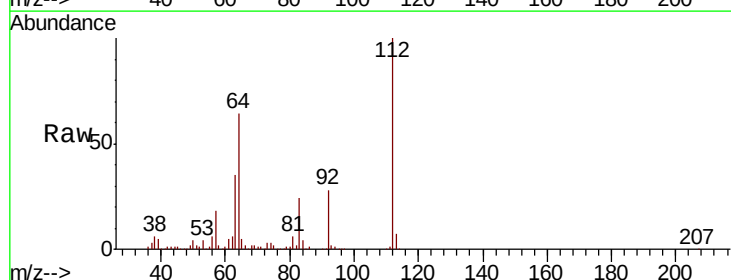
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	64.4	49.1	73.7
63	34.9	26.5	39.7

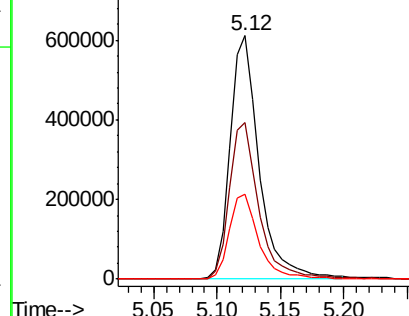
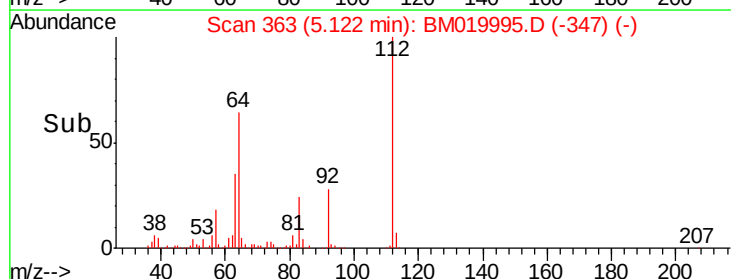


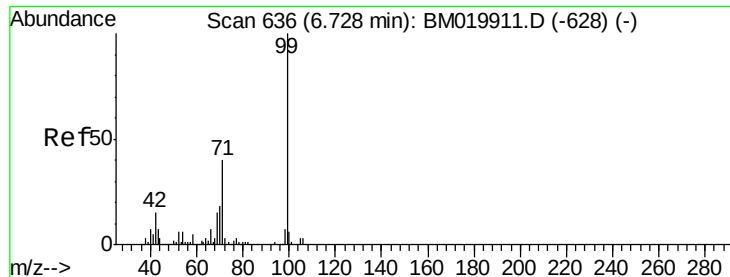
Abundance

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

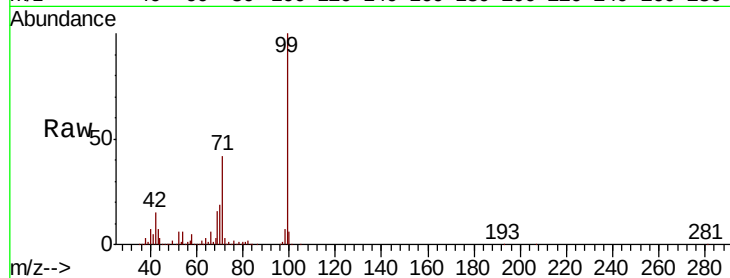
Tgt Ion: 99 Resp: 1169127

Ion Ratio Lower Upper

99 100

42 15.3 11.8 17.8

71 42.0 32.0 48.0

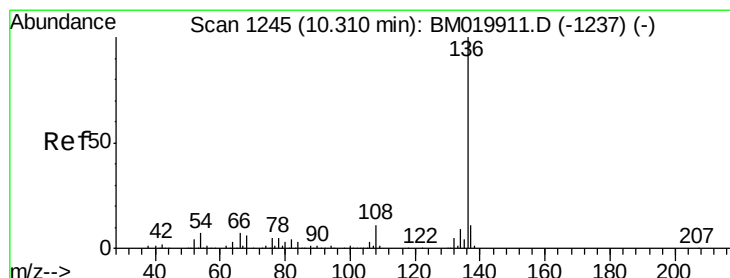
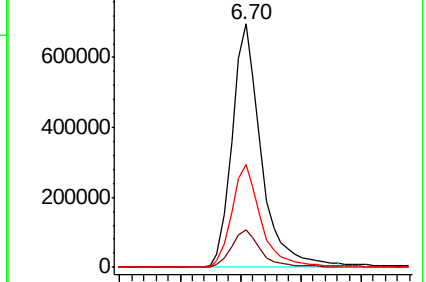
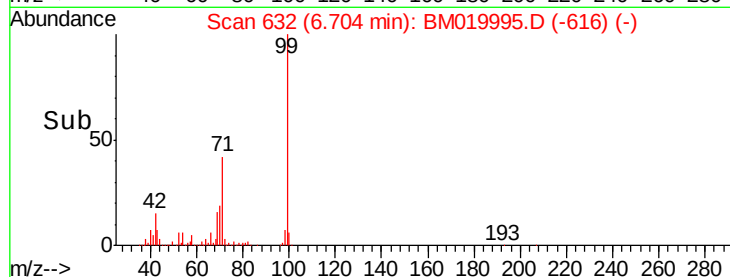


Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)

Time-->



#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

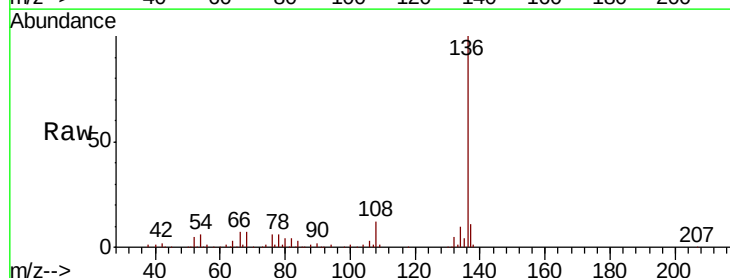
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.5 5.3 7.9

68 7.0 5.2 7.8



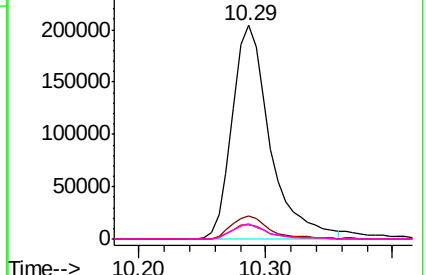
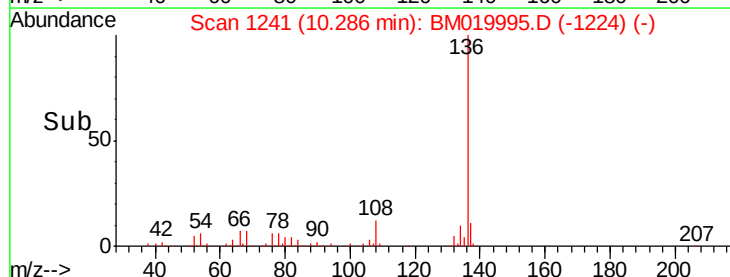
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

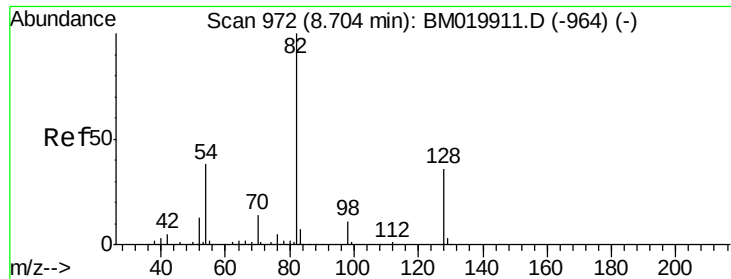
Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

Time-->

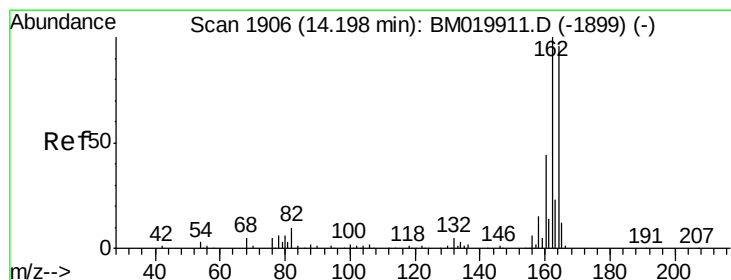
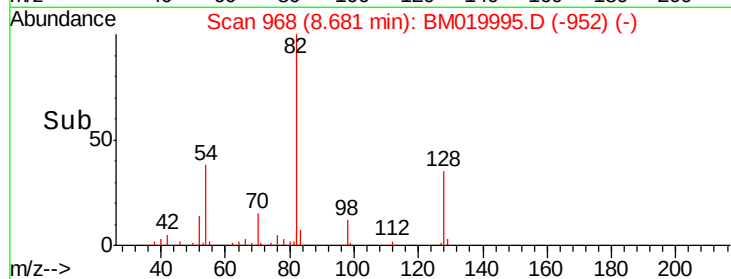
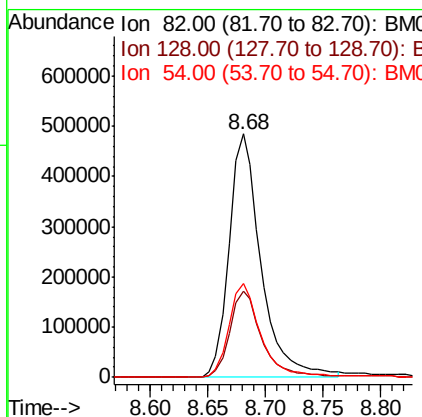
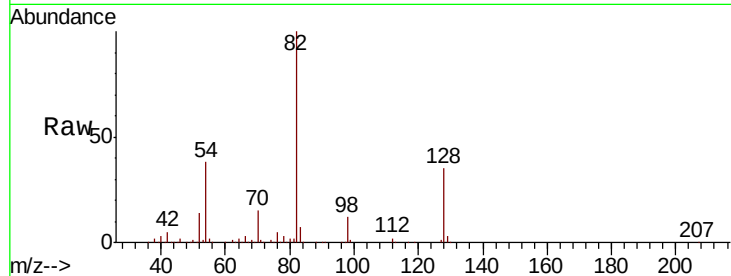




#23
 Nitrobenzene-d5
 Concen: 98.092 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

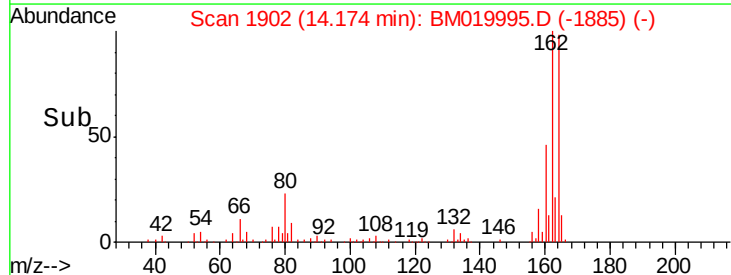
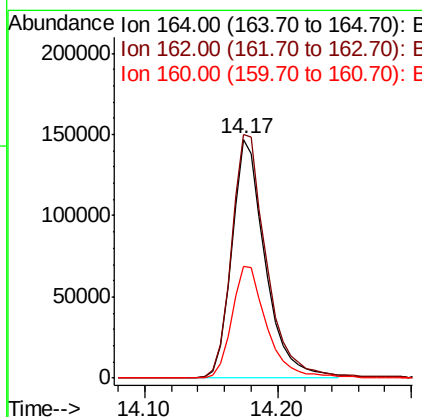
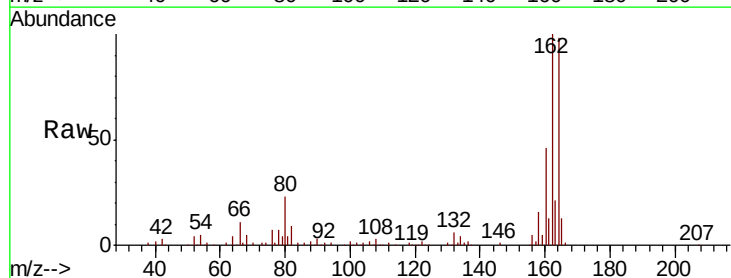
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-B

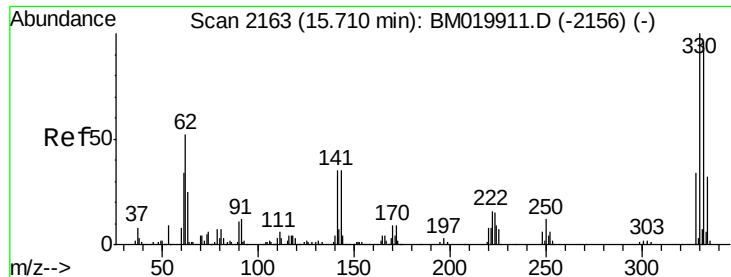
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.0	43.4
54	38.3	30.2	45.4



#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

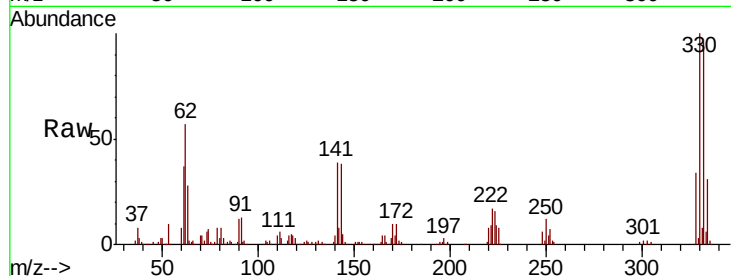




#42
 2,4,6-Tribromophenol
 Concen: 151.316 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM019995.D
 Acq: 20 Apr 2019 06:41

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

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

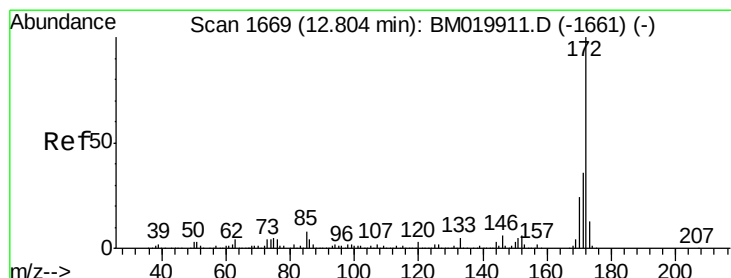
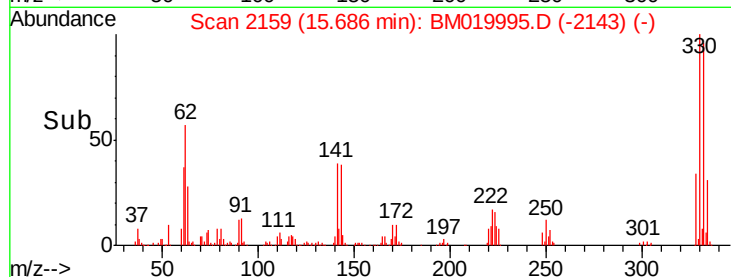
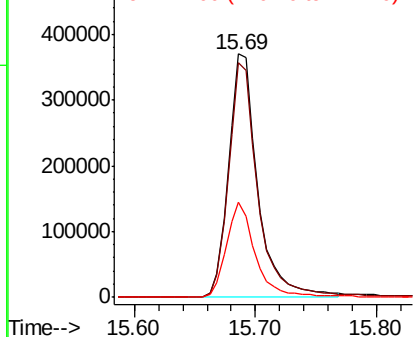


Abundance

Ion 329.80 (329.50 to 330.50): E

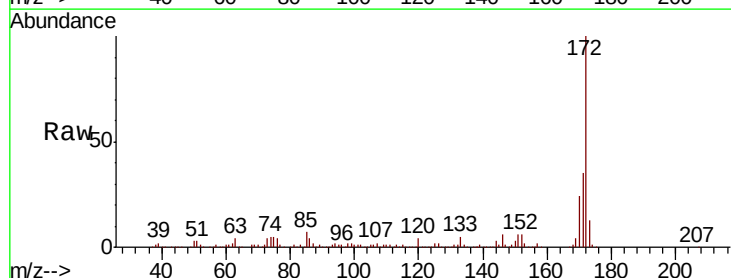
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.7	19.0	28.4

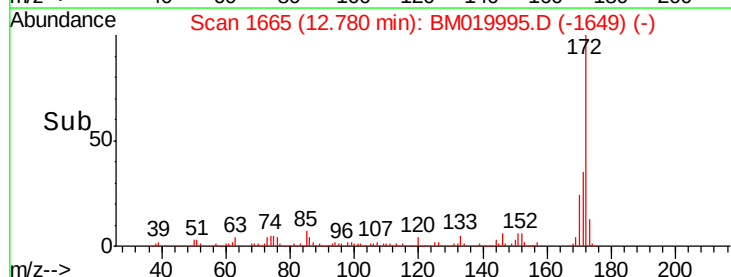
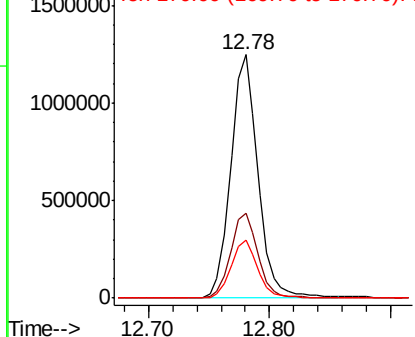


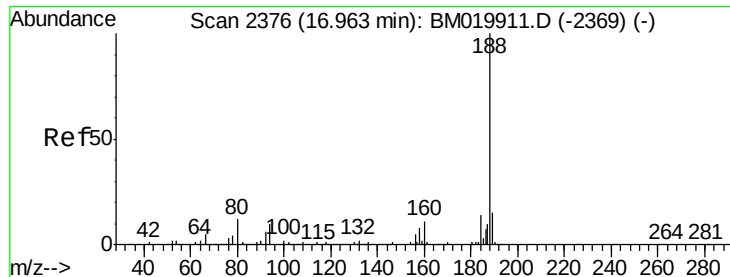
Abundance

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

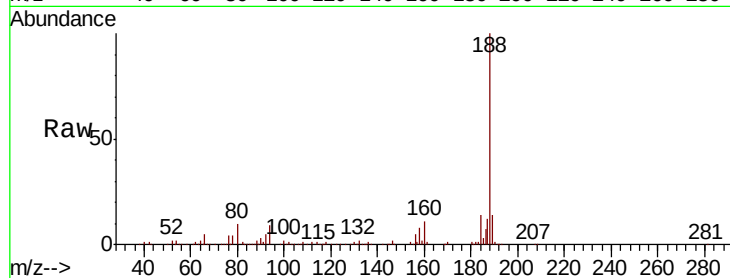




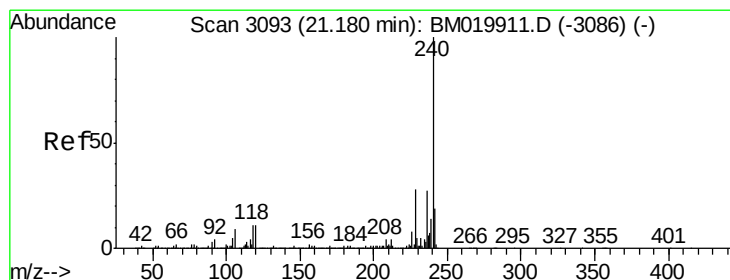
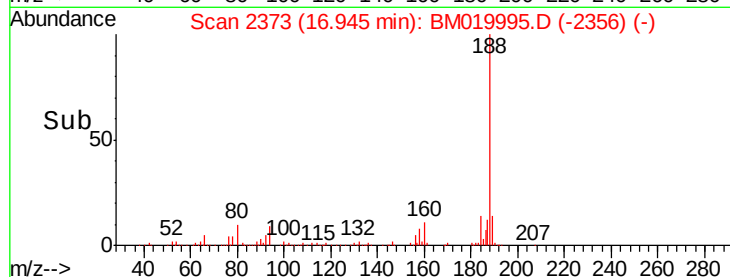
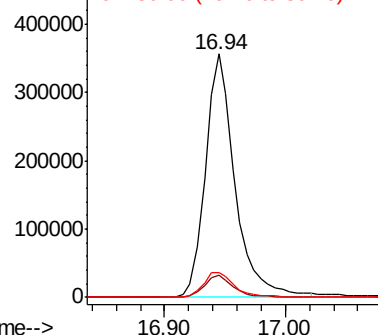
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019995.D
Acq: 20 Apr 2019 06:41

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

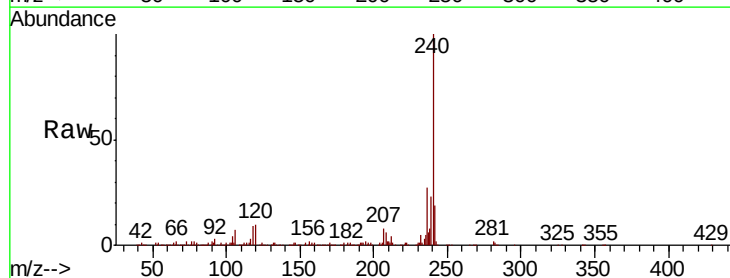


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

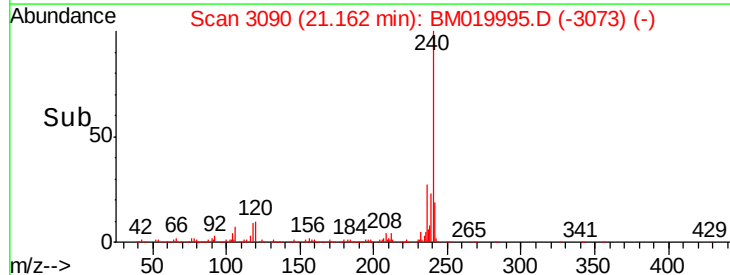
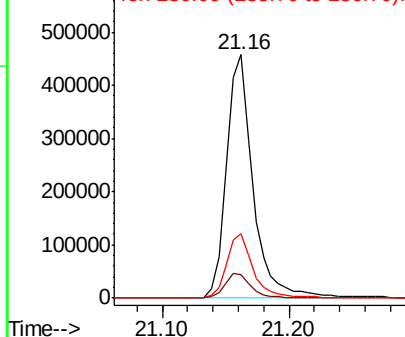


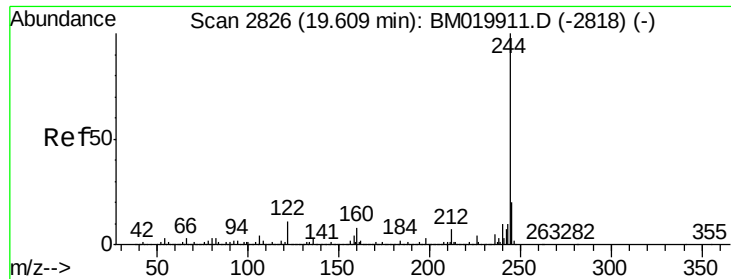
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019995.D
Acq: 20 Apr 2019 06:41

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 :

BNA_M

ClientSampleId :

HR-05-041719-B

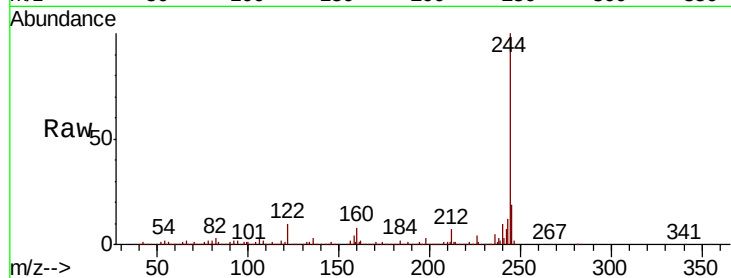
Tgt Ion:244 Resp: 3887396

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

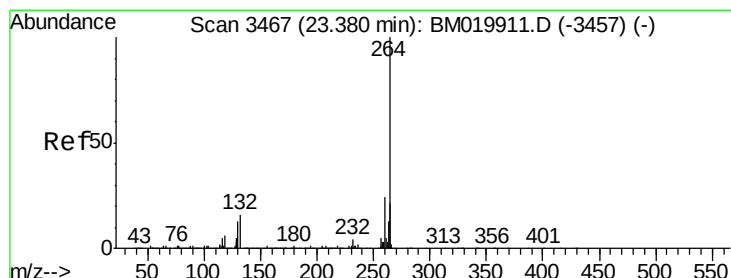
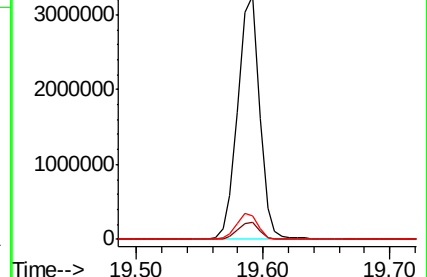
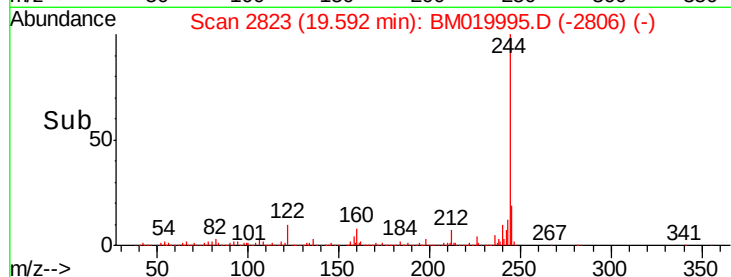
122 9.6 9.1 13.7



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

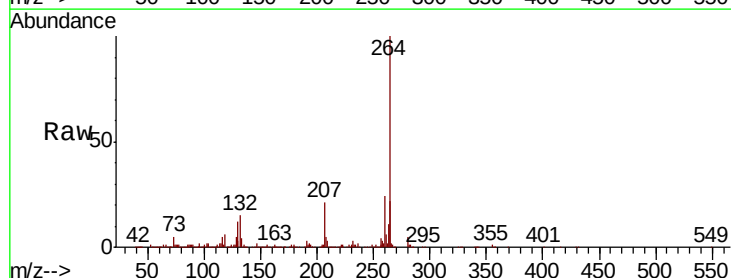
Tgt Ion:264 Resp: 761916

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

