

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019295.D
 Acq On : 21 Mar 2019 17:55
 Operator : JU/SJ
 Sample : K2003-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S4A(5-30)COMP

Quant Time: Mar 22 04:44:02 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

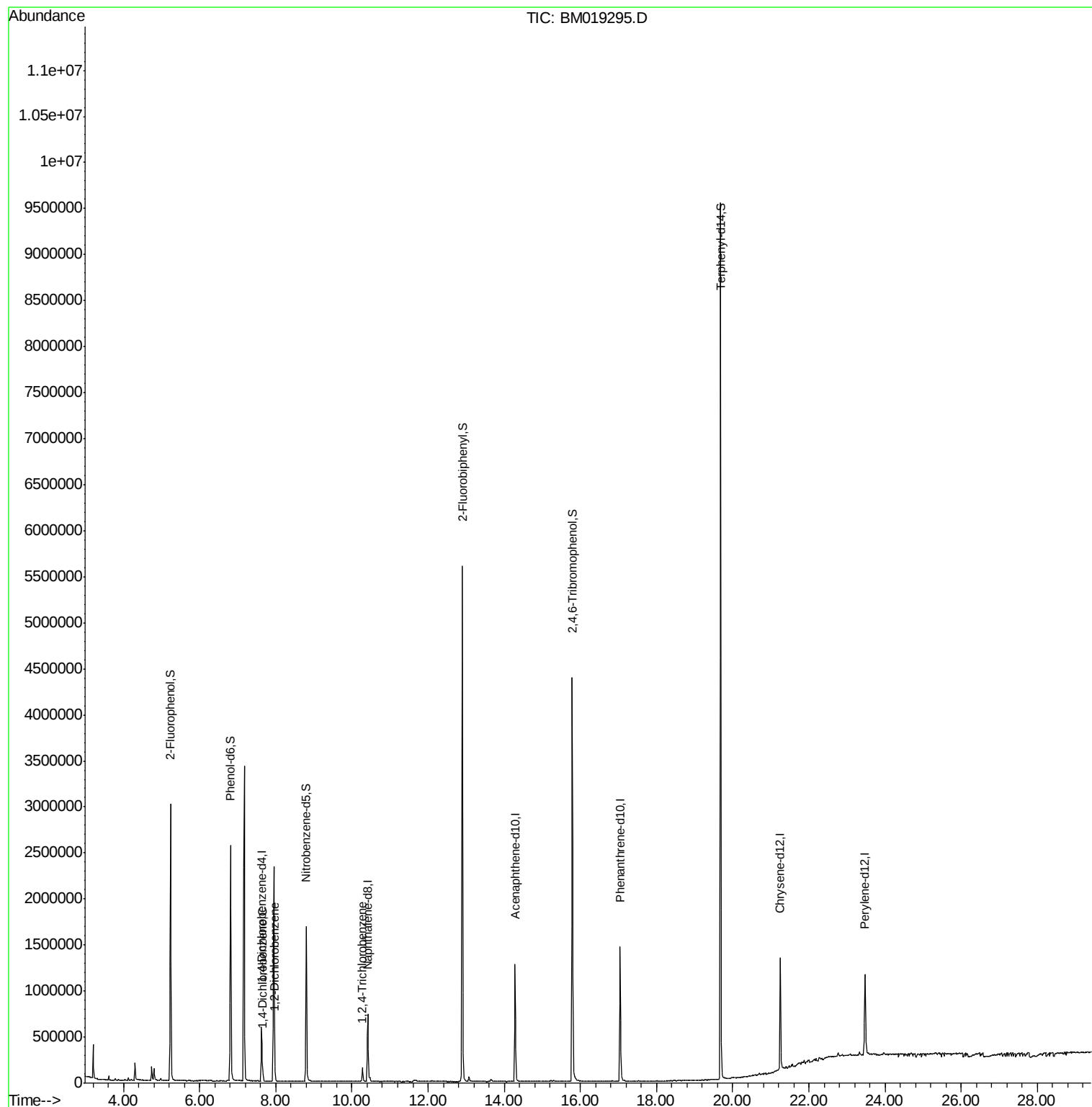
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	158085	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	623528	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	410606	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	923412	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	656640	20.00	ng	-0.03
87) Perylene-d12	23.47	264	698791	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1227795	125.78	ng	-0.02
7) Phenol-d6	6.82	99	1548716	108.47	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1139022	86.35	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	898975	148.29	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2865316	90.77	ng	-0.04
79) Terphenyl-d14	19.69	244	4304415	130.14	ng	-0.02
Target Compounds						
13) 1,4-Dichlorobenzene	7.67	146	30673	2.424	ng	95
14) 1,2-Dichlorobenzene	7.97	146	41170	3.344	ng	97
30) 1,2,4-Trichlorobenzene	10.28	180	59658	5.651	ng	99

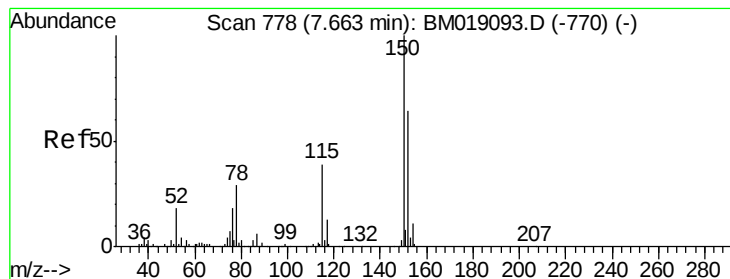
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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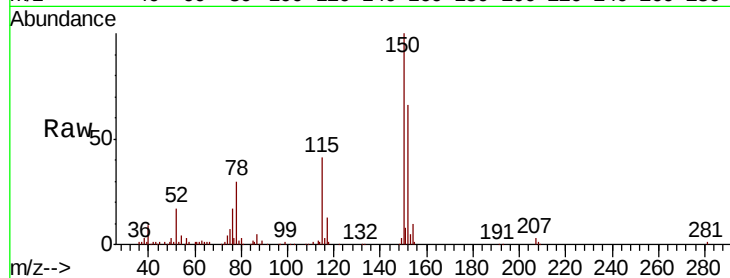


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Instrument :
BNA_M
ClientSampleId :
S4A(5-30)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.3	187.9
115	62.3	49.4	74.0

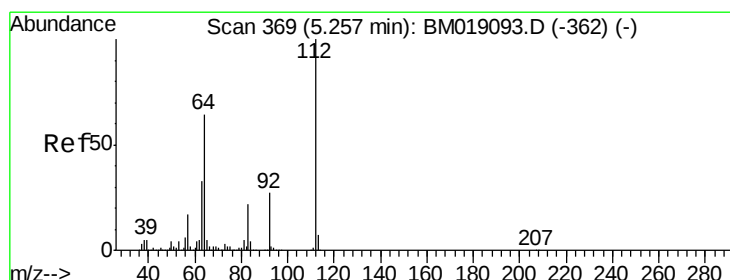
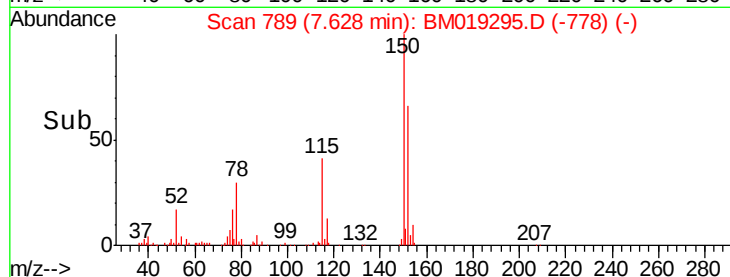
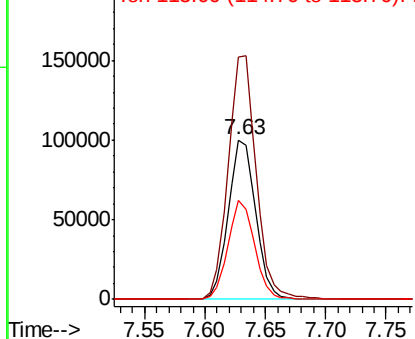


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

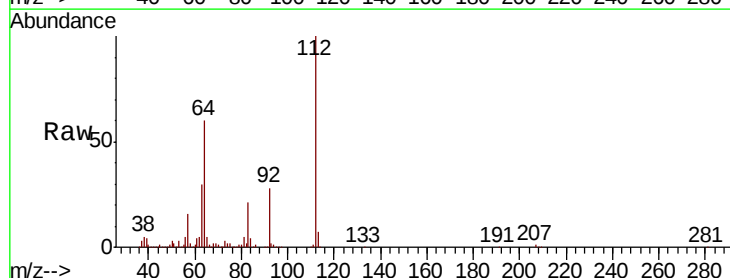
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.780 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	51.4	77.0
63	30.4	26.6	40.0

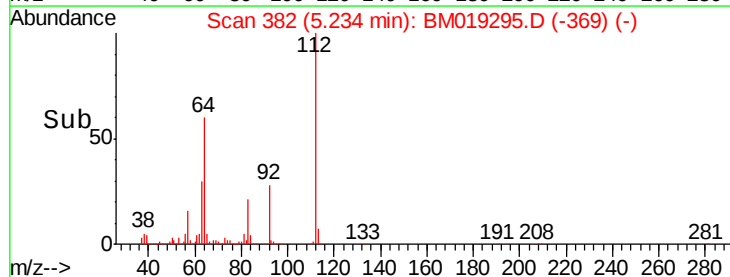
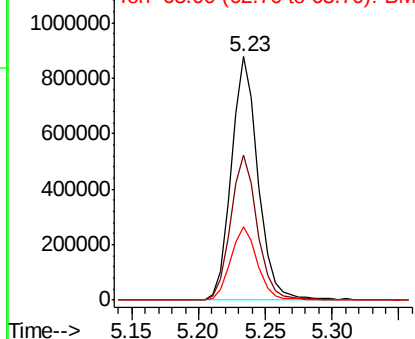


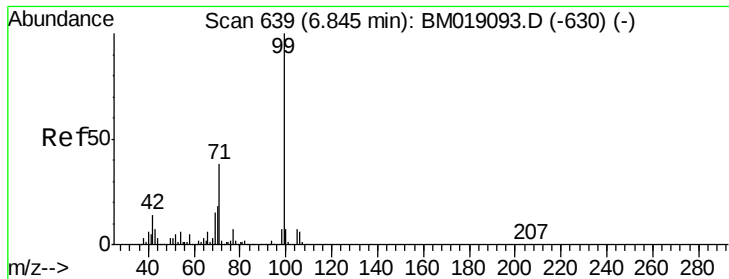
Abundance

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: 108.467 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019295.D

Acq: 21 Mar 2019 17:55

Instrument :

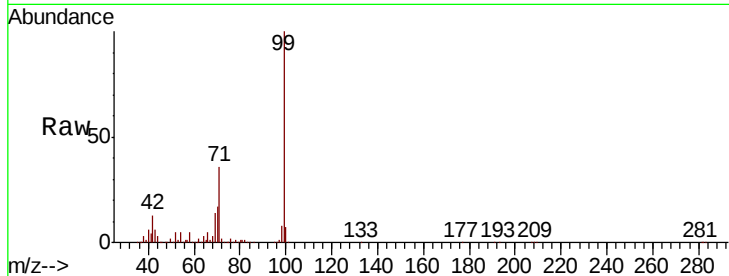
BNA_M

ClientSampleId :

S4A(5-30)COMP

Tgt Ion: 99 Resp: 1548716

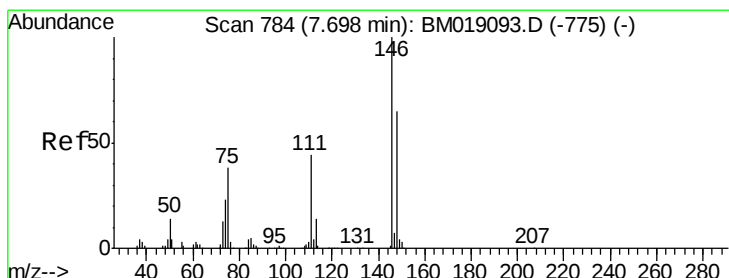
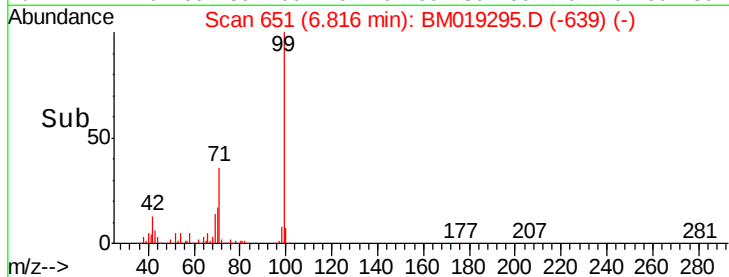
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.9	16.3
71	36.0	30.3	45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019295.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019295.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019295.D (-639) (-)



#13

1,4-Dichlorobenzene

Concen: 2.424 ng

RT: 7.67 min Scan# 796

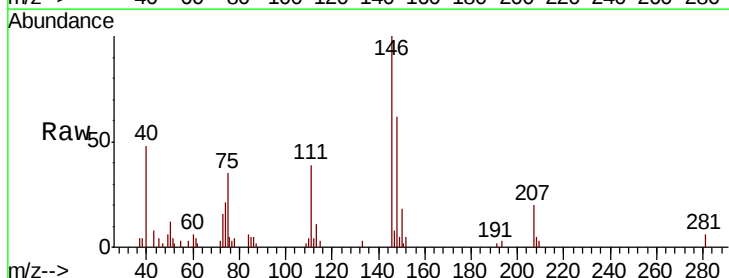
Delta R.T. -0.03 min

Lab File: BM019295.D

Acq: 21 Mar 2019 17:55

Tgt Ion: 146 Resp: 30673

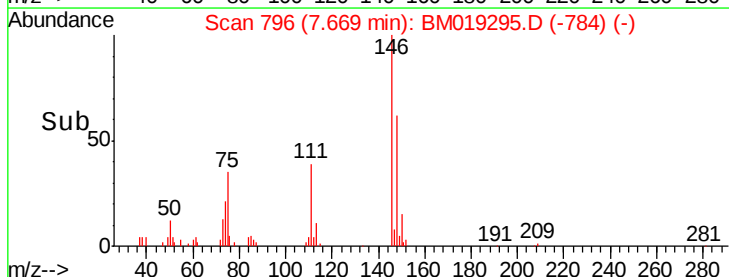
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.6
111	39.2	35.4	53.0

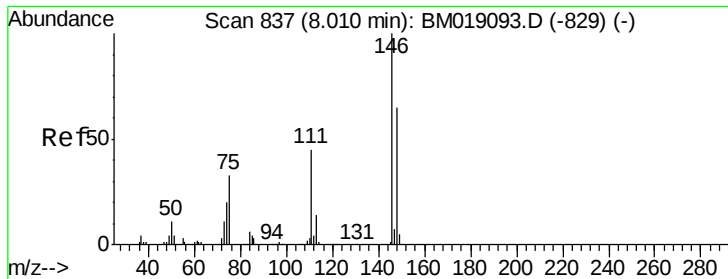


Abundance Ion 146.00 (145.70 to 146.70): BM019295.D (-784) (-)

Ion 148.00 (147.70 to 148.70): BM019295.D (-784) (-)

Ion 111.00 (110.70 to 111.70): BM019295.D (-784) (-)

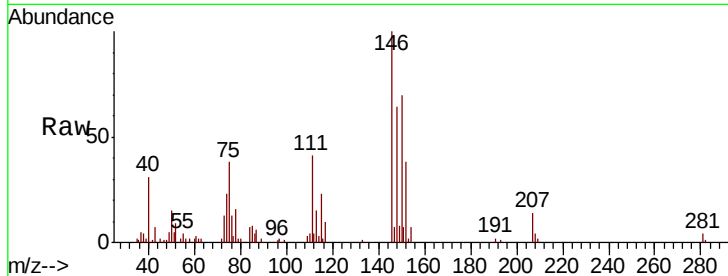




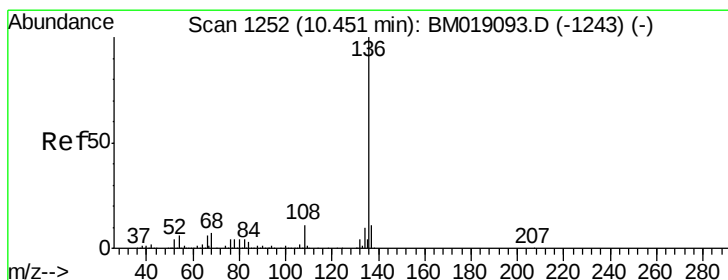
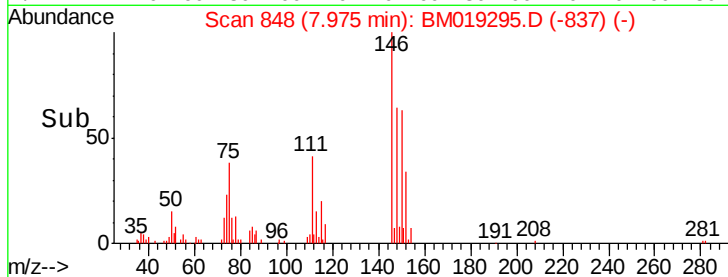
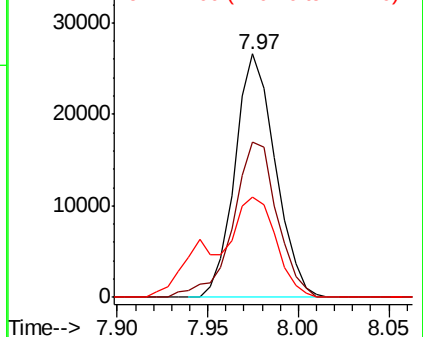
#14
 1,2-Dichlorobenzene
 Concen: 3.344 ng
 RT: 7.97 min Scan# 848
 Delta R.T. -0.04 min
 Lab File: BM019295.D
 Acq: 21 Mar 2019 17:55

Instrument :
 BNA_M
 ClientSampleId :
 S4A(5-30)COMP

Tgt Ion:146 Resp: 41170
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 41.1 36.2 54.4

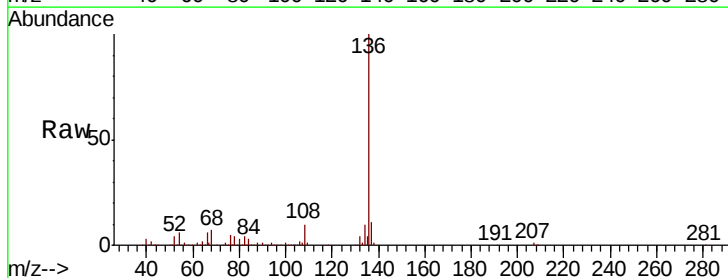


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

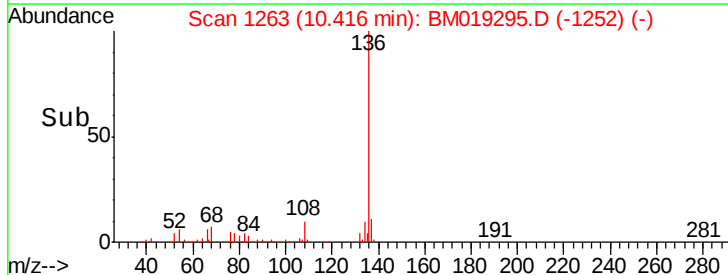
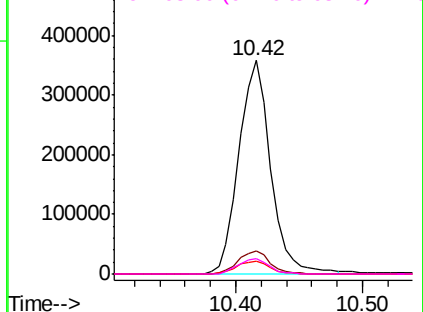


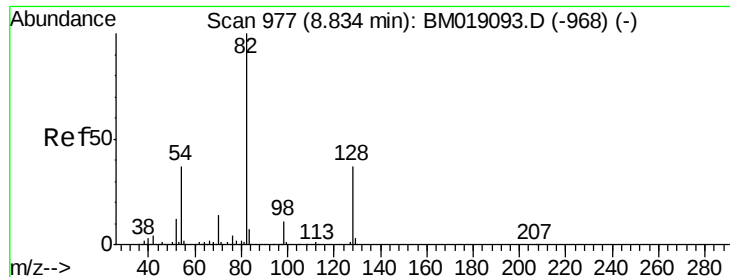
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.42 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: BM019295.D
 Acq: 21 Mar 2019 17:55

Tgt Ion:136 Resp: 623528
 Ion Ratio Lower Upper
 136 100
 137 10.6 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): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BM0
 Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 86.350 ng

RT: 8.80 min Scan# 988

Delta R.T. -0.04 min

Lab File: BM019295.D

Acq: 21 Mar 2019 17:55

Instrument :

BNA_M

ClientSampleId :

S4A(5-30)COMP

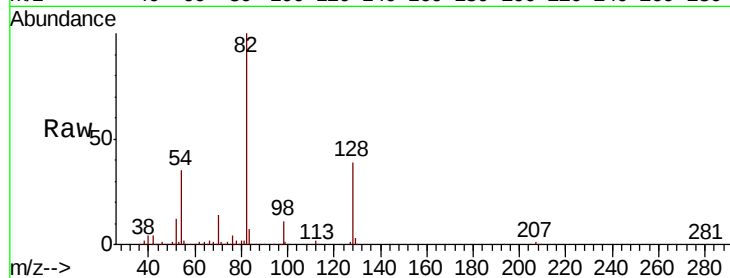
Tgt Ion: 82 Resp: 1139022

Ion Ratio Lower Upper

82 100

128 38.7 29.4 44.2

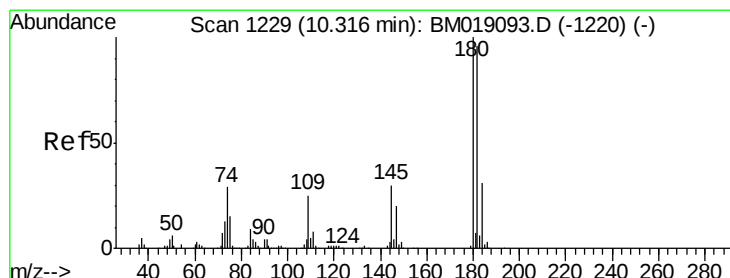
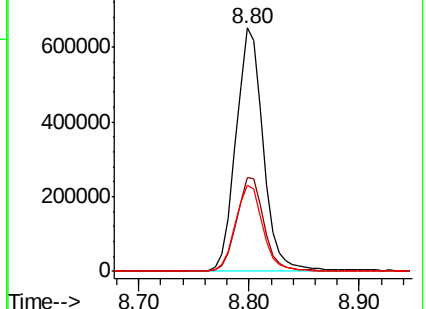
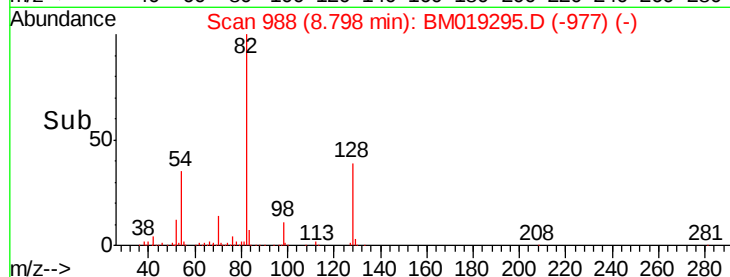
54 35.2 29.9 44.9



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

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#30

1,2,4-Trichlorobenzene

Concen: 5.651 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.04 min

Lab File: BM019295.D

Acq: 21 Mar 2019 17:55

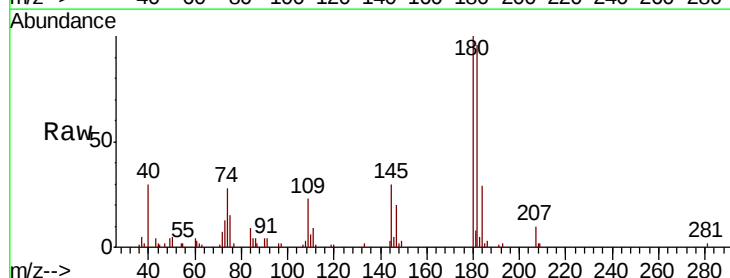
Tgt Ion: 180 Resp: 59658

Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

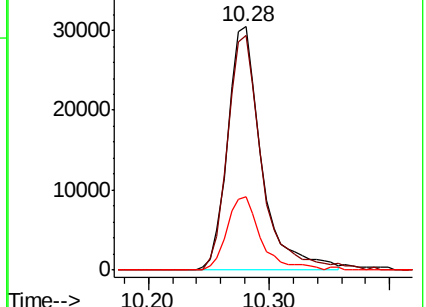
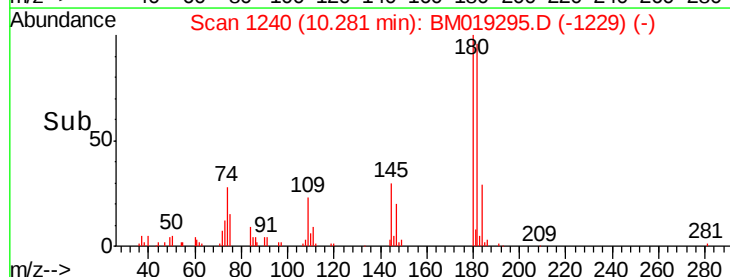
145 30.1 24.3 36.5

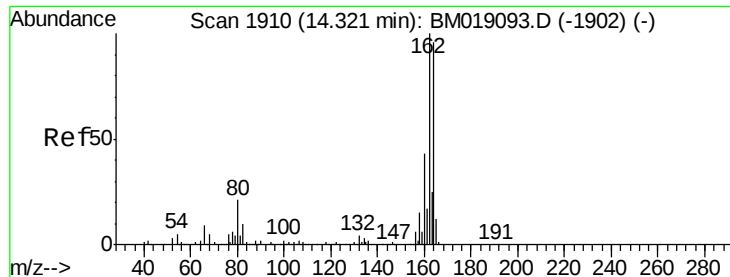


Abundance Ion 180.00 (179.70 to 180.70): BM019093.D (-1220) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-1220) (-)

Ion 145.00 (144.70 to 145.70): BM019093.D (-1220) (-)

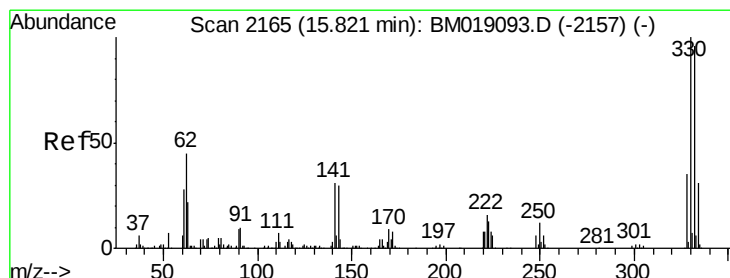
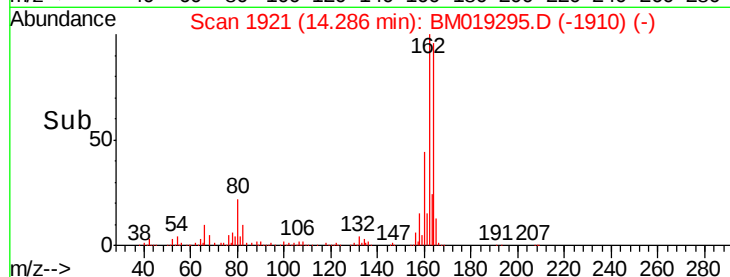
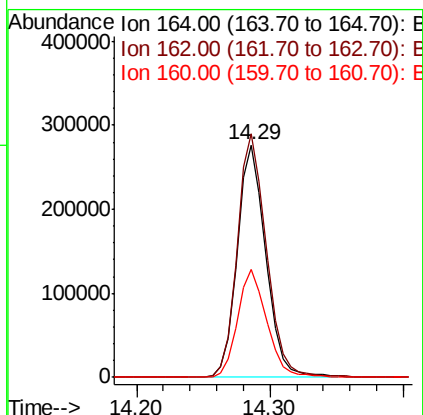
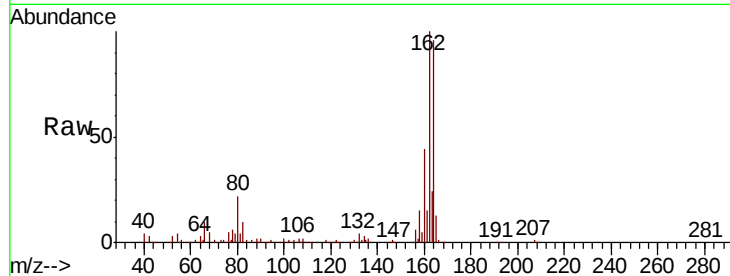




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

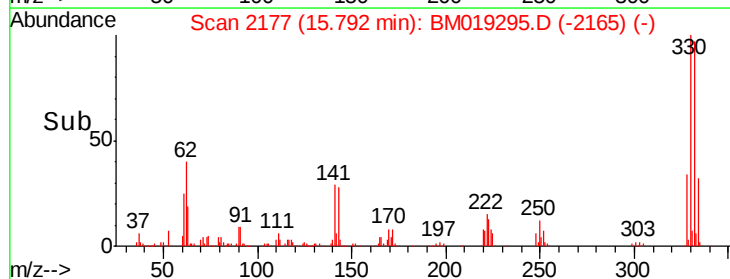
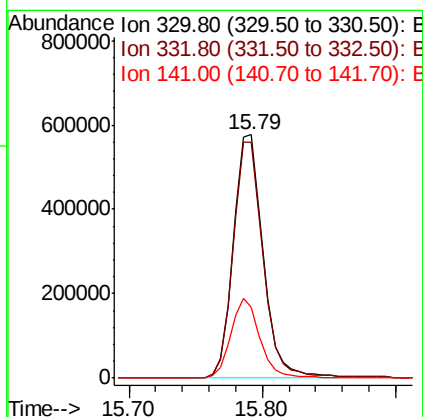
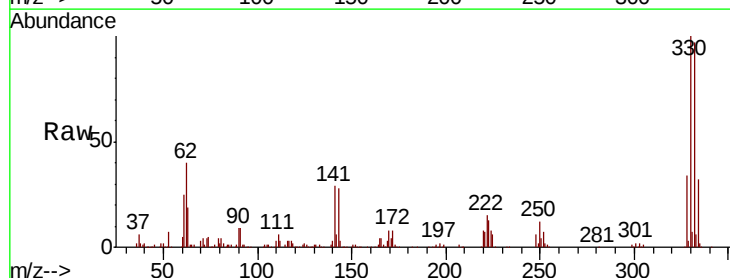
Instrument :
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S4A(5-30)COMP

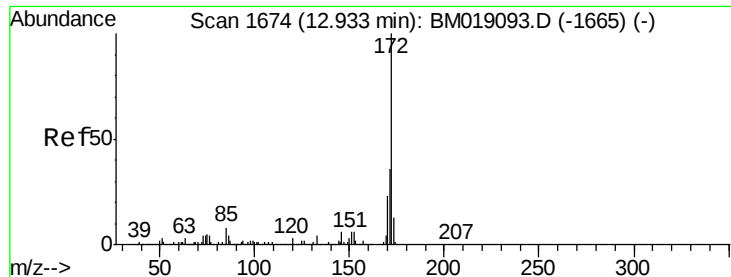
Tgt Ion:164 Resp: 410606
Ion Ratio Lower Upper
164 100
162 104.6 83.5 125.3
160 46.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 148.286 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Tgt Ion:330 Resp: 898975
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 31.8 27.0 40.4

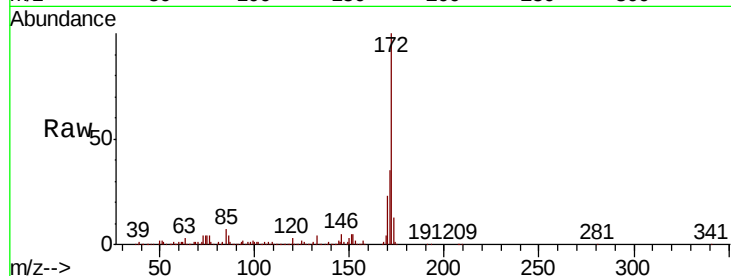




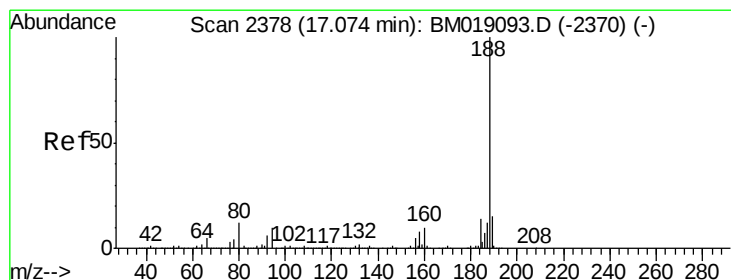
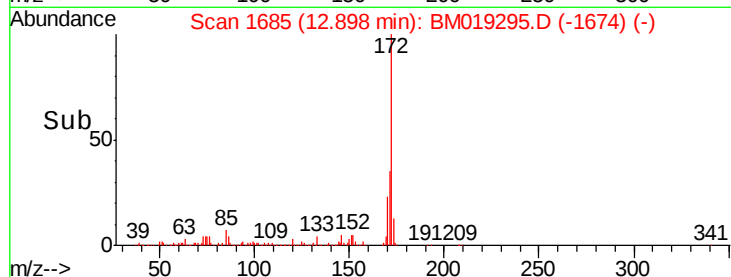
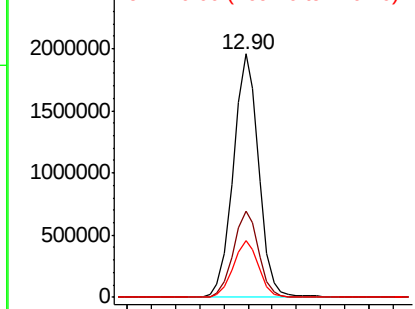
#45
2-Fluorobiphenyl
Concen: 90.771 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Instrument :
BNA_M
ClientSampleId :
S4A(5-30)COMP

Tgt Ion:172 Resp: 2865316
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.6 28.0

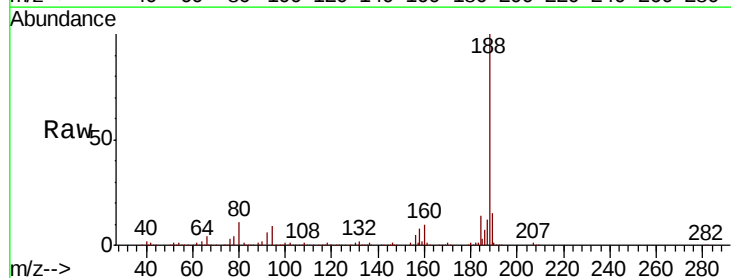


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

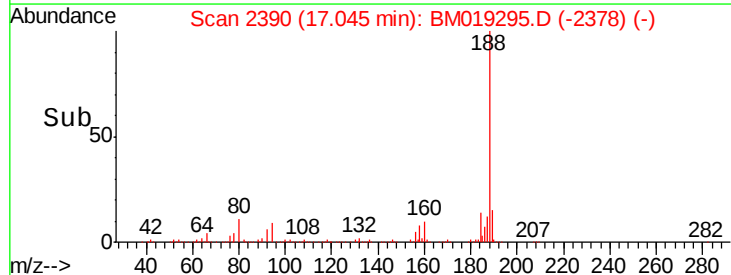
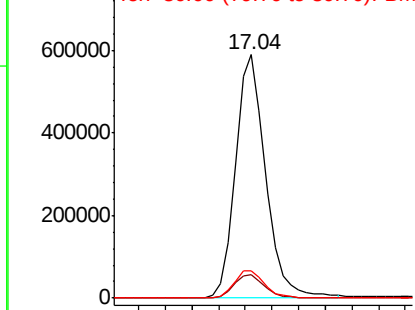


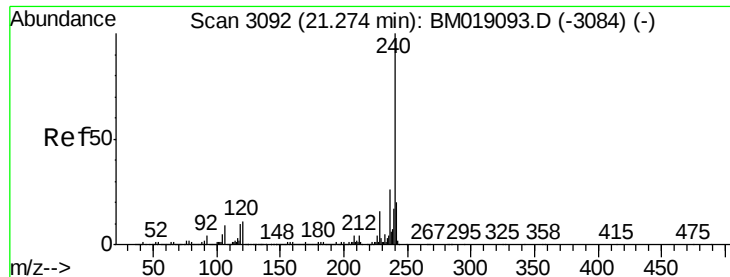
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Tgt Ion:188 Resp: 923412
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 11.4 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

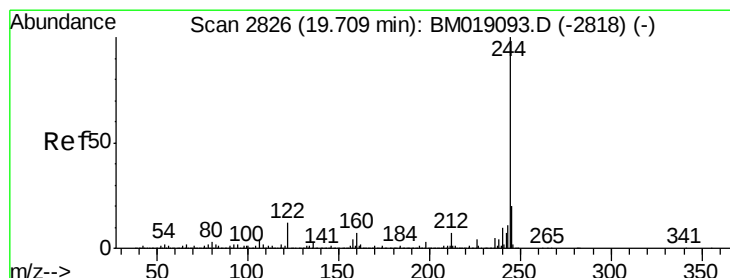
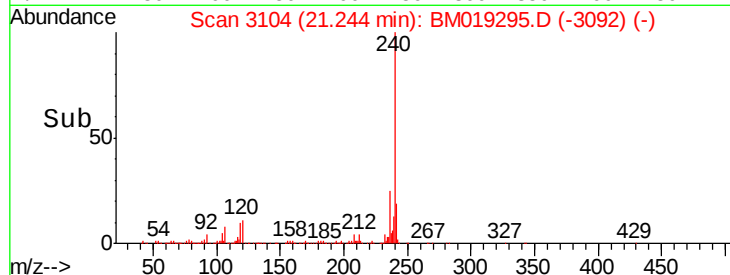
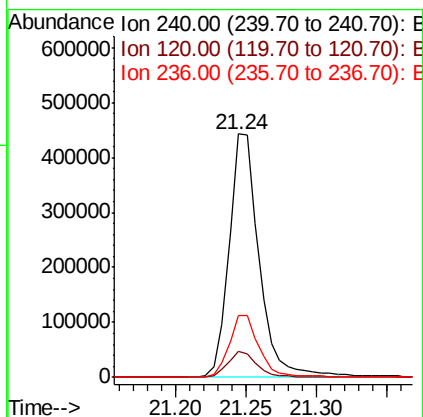
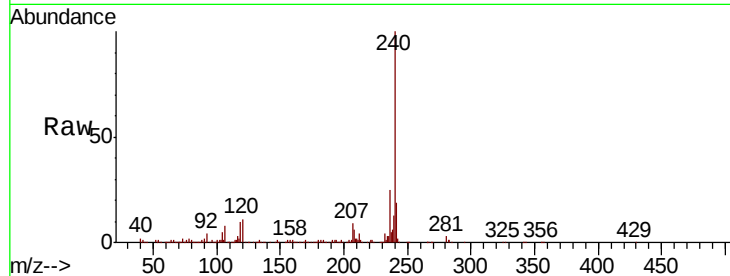




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

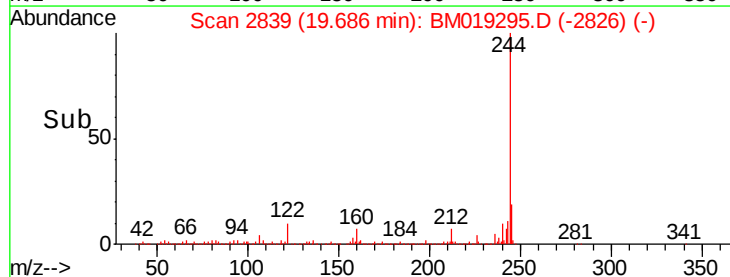
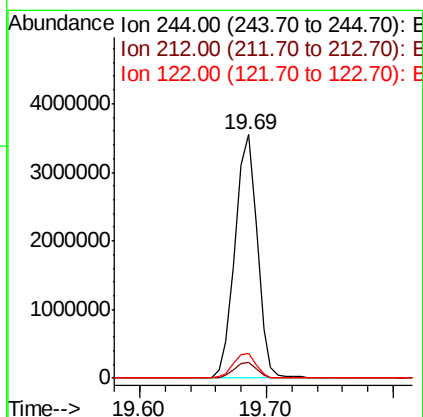
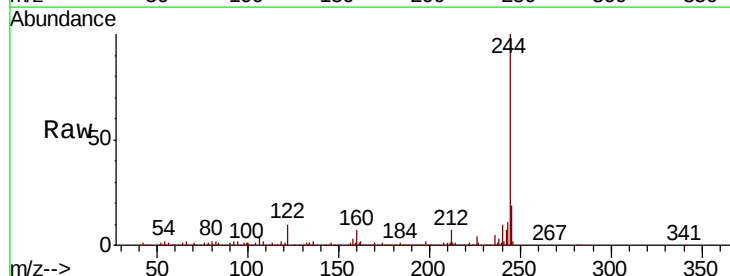
Instrument :
BNA_M
ClientSampleId :
S4A(5-30)COMP

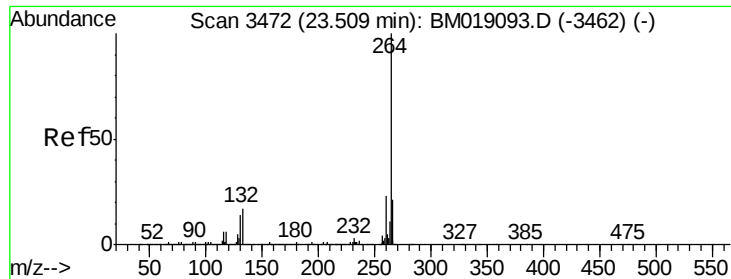
Tgt Ion:240 Resp: 656640
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 130.135 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019295.D
Acq: 21 Mar 2019 17:55

Tgt Ion:244 Resp: 4304415
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.3 9.4 14.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019295.D

Acq: 21 Mar 2019 17:55

Instrument :

BNA_M

ClientSampleId :

S4A(5-30)COMP

Tgt Ion: 264 Resp: 698791

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.4 17.3 25.9

