

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019943.D
 Acq On : 17 Apr 2019 18:01
 Operator : JU/SJ
 Sample : K2423-15RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:11:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

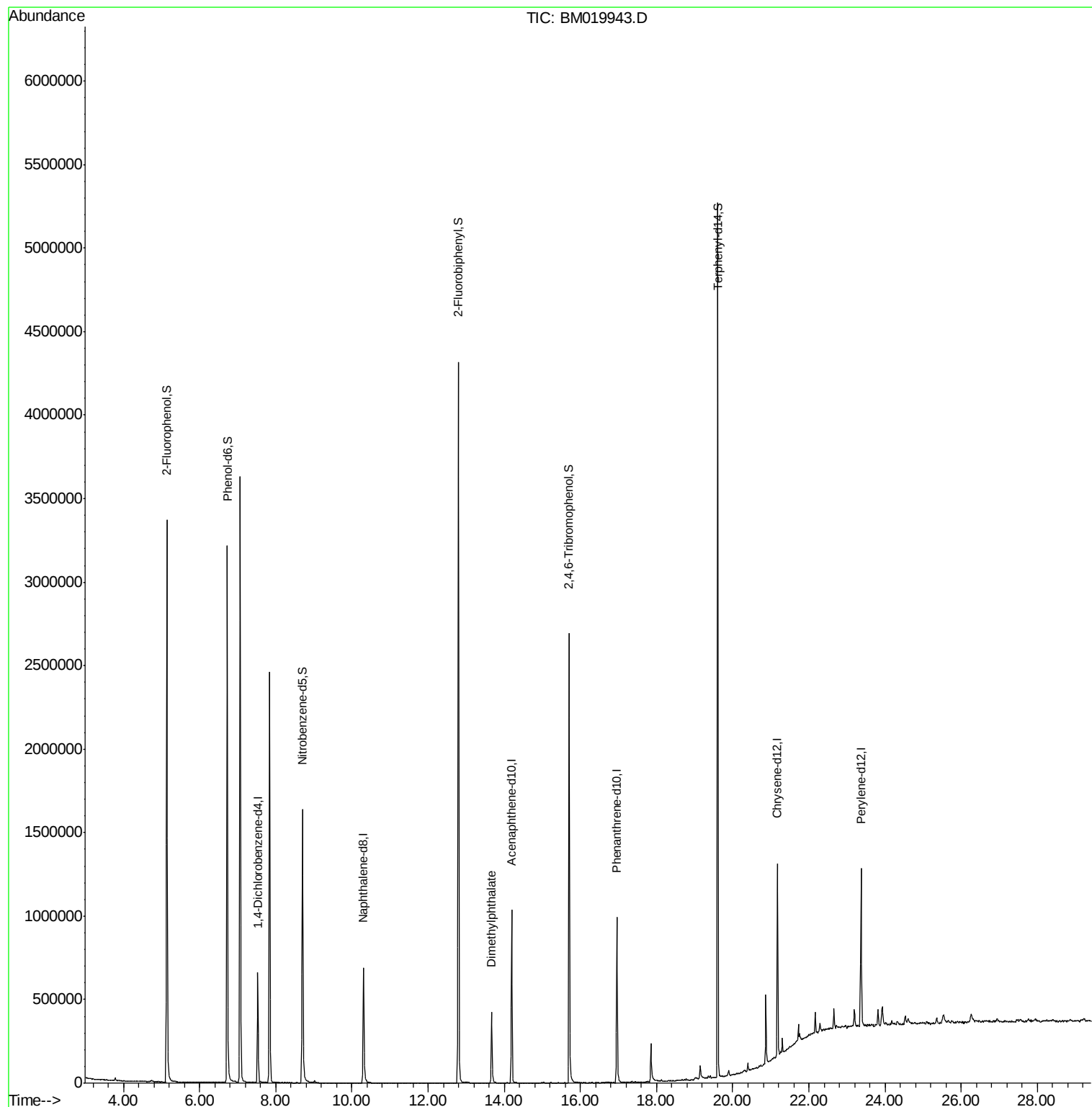
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	166296	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	631889	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	332880	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	606752	20.00	ng	0.00
76) Chrysene-d12	21.17	240	515543	20.00	ng	0.00
87) Perylene-d12	23.37	264	662453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1327860	129.41	ng	0.00
7) Phenol-d6	6.72	99	1822950	118.05	ng	0.00
23) Nitrobenzene-d5	8.70	82	1118144	79.14	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	507417	94.69	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2076332	77.73	ng	0.00
79) Terphenyl-d14	19.60	244	2105080	72.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	3905	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.67	163	314954	10.727 ng		100

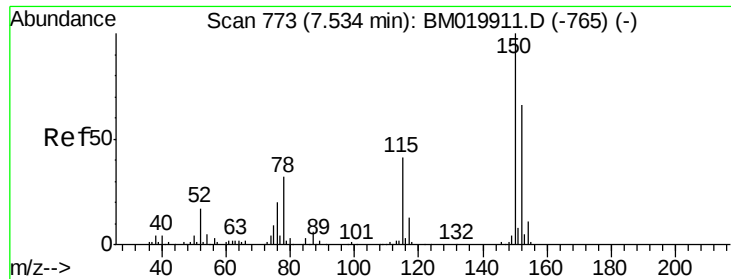
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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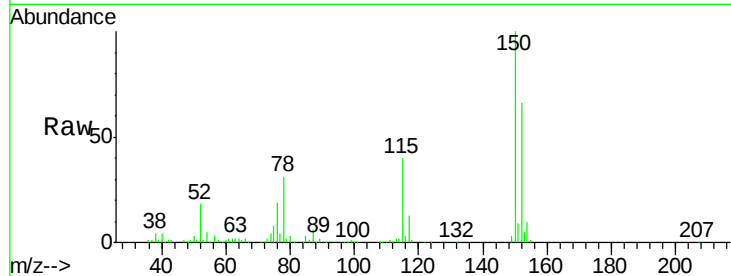


#1

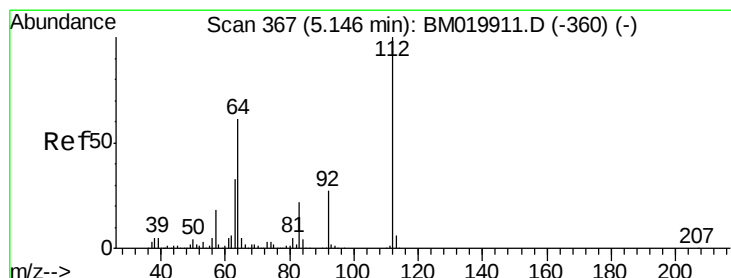
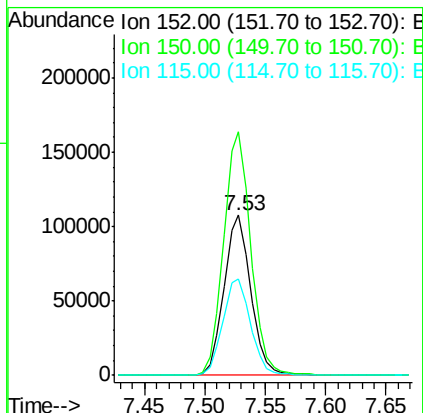
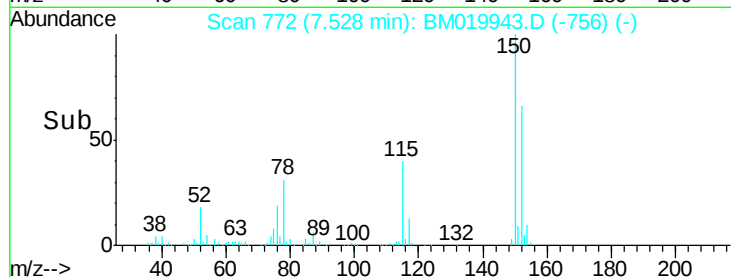
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019943.D
Acq: 17 Apr 2019 18:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 166296
Ion Ratio Lower Upper
152 100
150 152.1 122.1 183.1
115 60.2 50.0 75.0



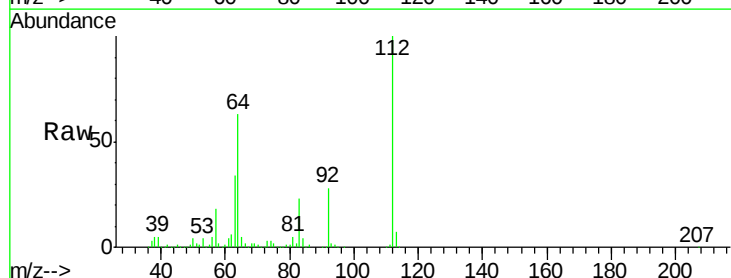
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



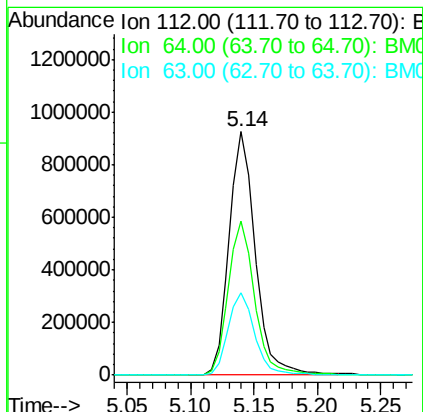
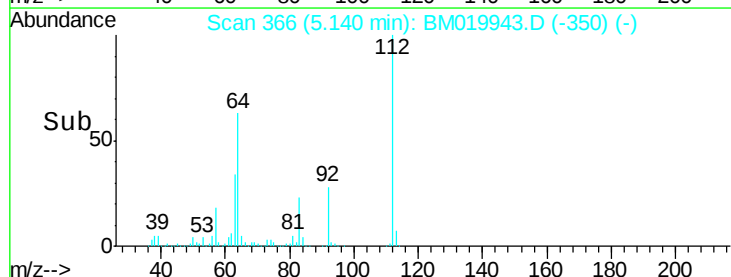
#5

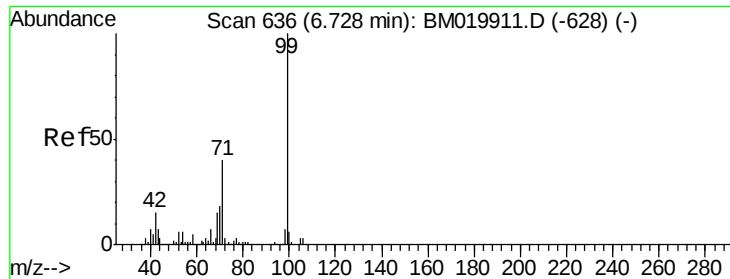
2-Fluorophenol
Concen: 129.408 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019943.D
Acq: 17 Apr 2019 18:01

Tgt Ion:112 Resp: 1327860
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 33.7 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: 118.046 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Instrument :

BNA_M

ClientSampleId :

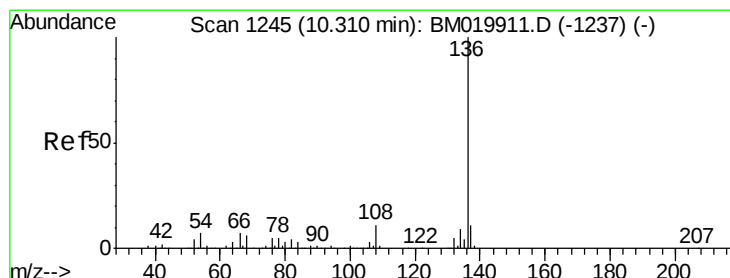
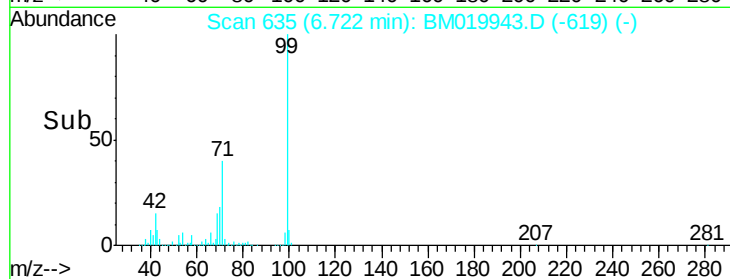
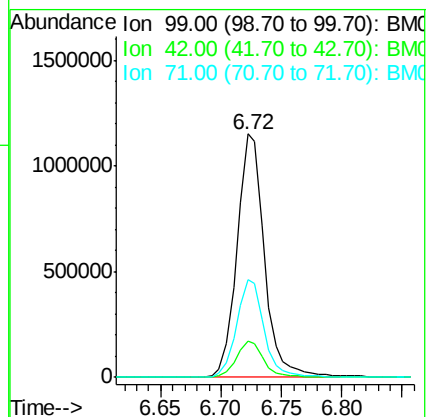
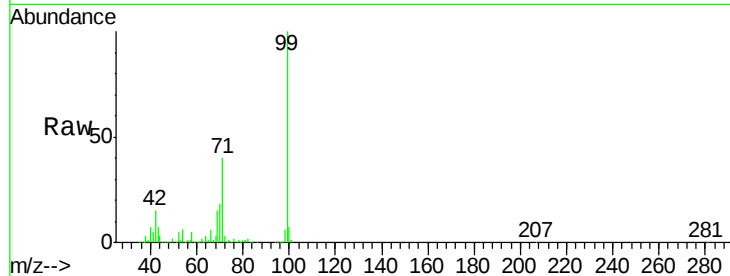
Tot Ion: 99 Resp: 1822950

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

71 40.4 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Tgt Ion: 136 Resp: 631889

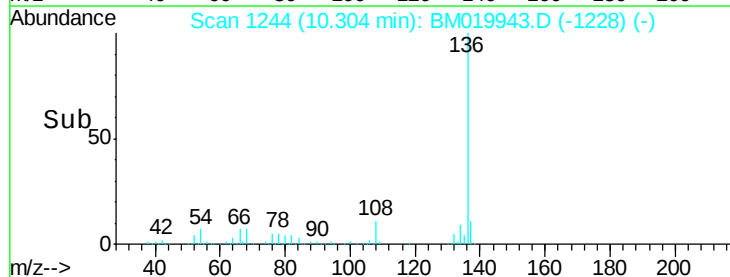
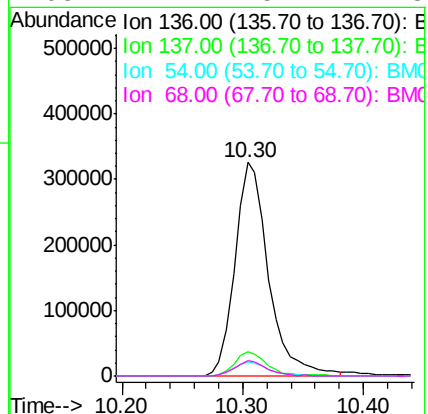
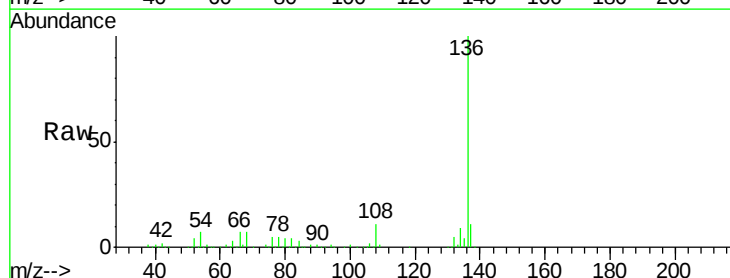
Ion Ratio Lower Upper

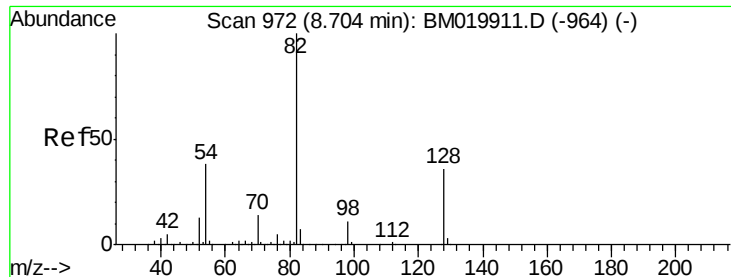
136 100

137 11.3 9.0 13.6

54 6.8 5.3 7.9

68 7.2 5.2 7.8

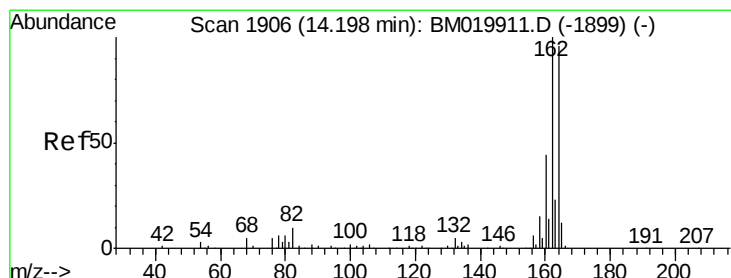
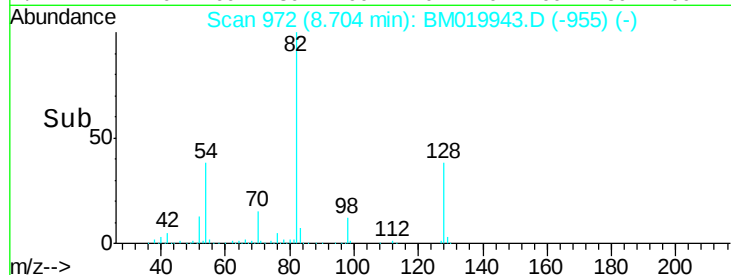
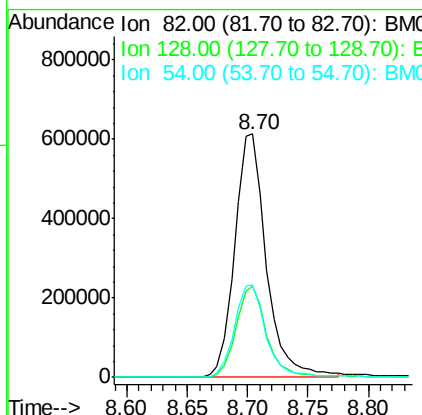
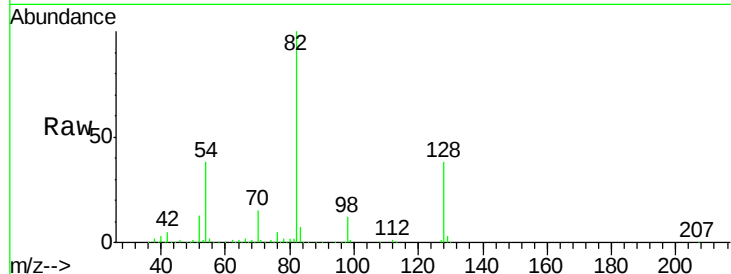




#23
Nitrobenzene-d5
Concen: 79.135 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM019943.D
Acq: 17 Apr 2019 18:01

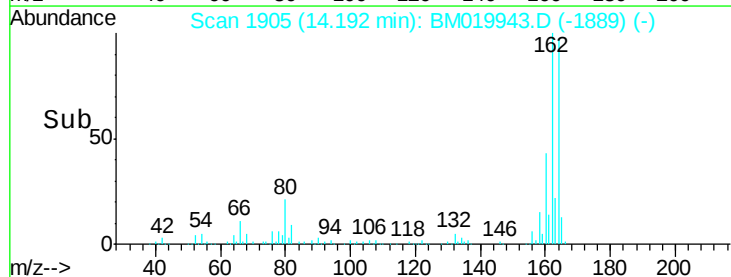
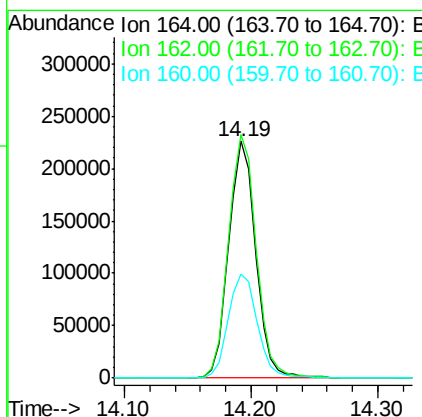
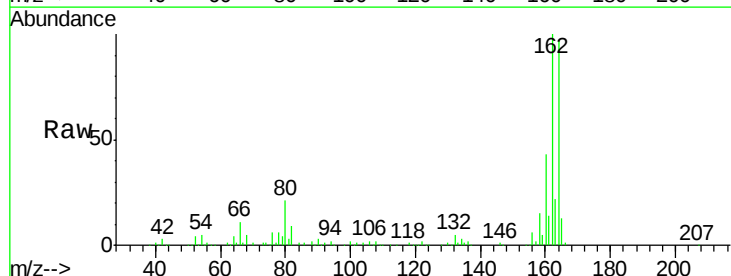
Instrument :
BNA_M
ClientSampleId :

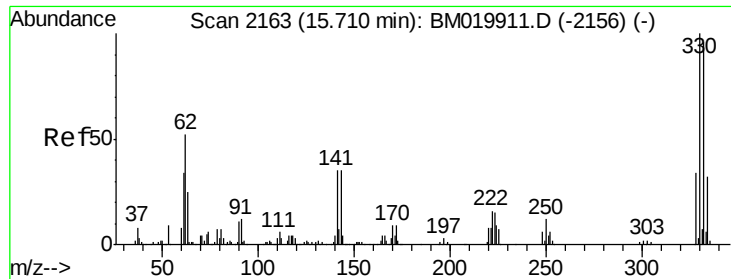
Tot Ion: 82 Resp: 1118144
Ion Ratio Lower Upper
82 100
128 37.7 29.0 43.4
54 37.8 30.2 45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019943.D
Acq: 17 Apr 2019 18:01

Tgt Ion:164 Resp: 332880
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 44.2 36.6 55.0

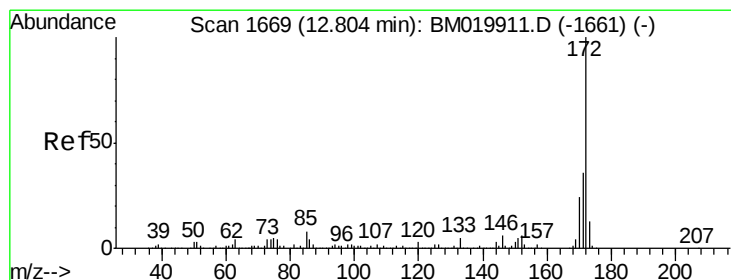
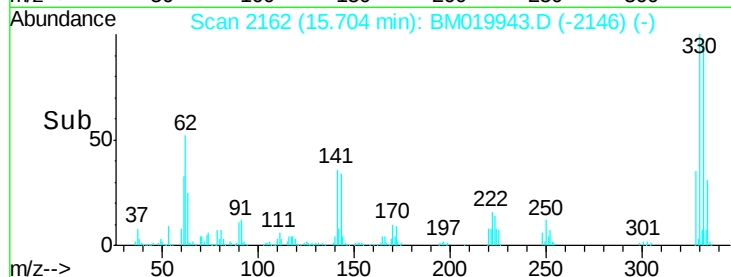
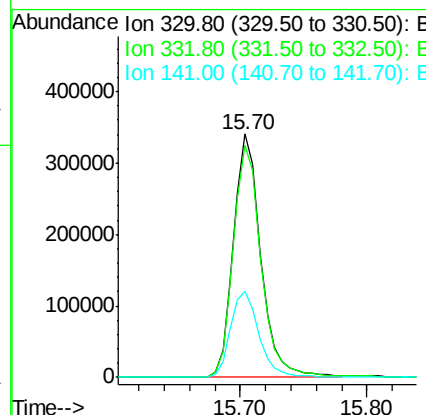
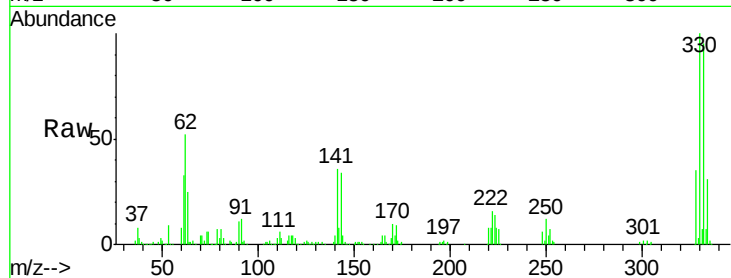




#42
 2,4,6-Tribromophenol
 Concen: 94.695 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019943.D
 Acq: 17 Apr 2019 18:01

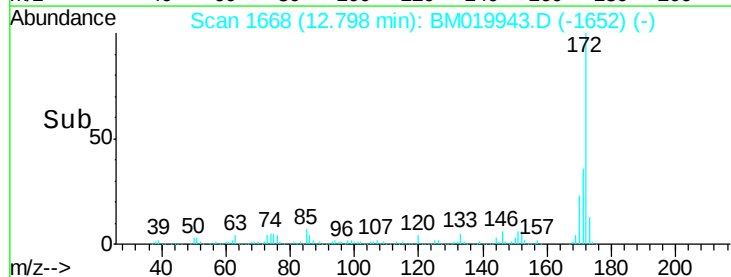
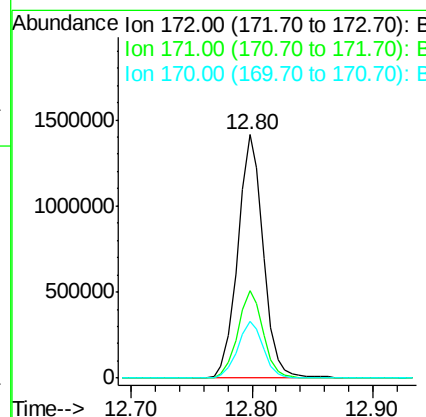
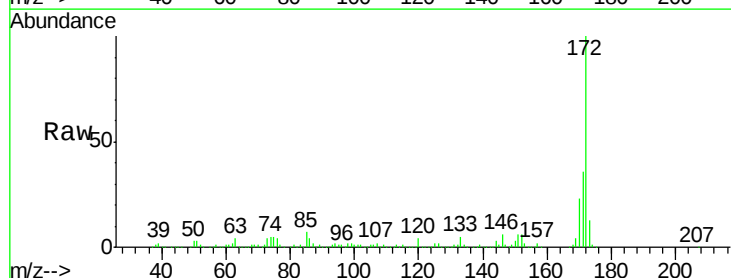
Instrument :
 BNA_M
 ClientSampleId :

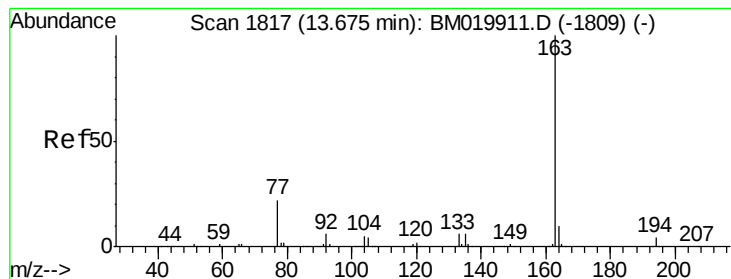
Tot Ion:330 Resp: 507417
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.0 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 77.733 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019943.D
 Acq: 17 Apr 2019 18:01

Tgt Ion:172 Resp: 2076332
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.5 19.0 28.4





#50

Dimethylphthalate

Concen: 10.727 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Instrument :

BNA_M

ClientSampled :

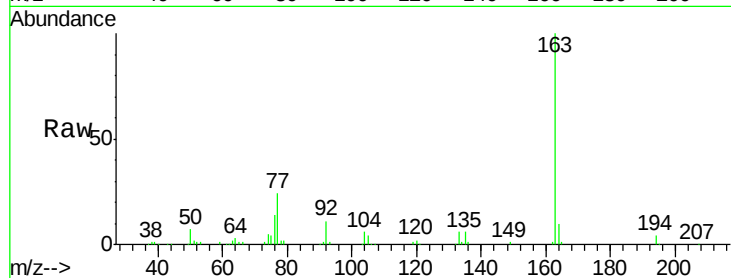
Tot Ion:163 Resp: 314954

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

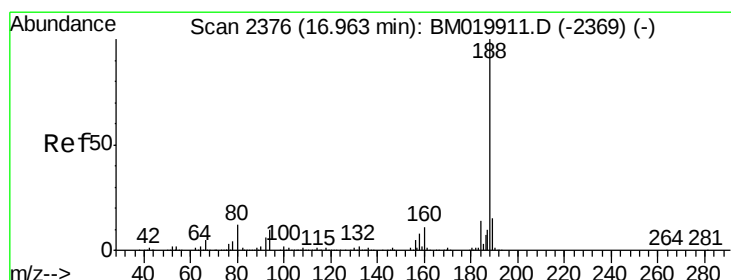
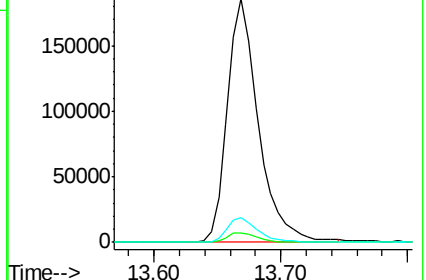
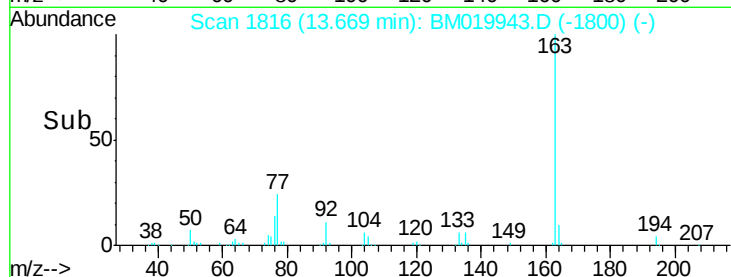
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

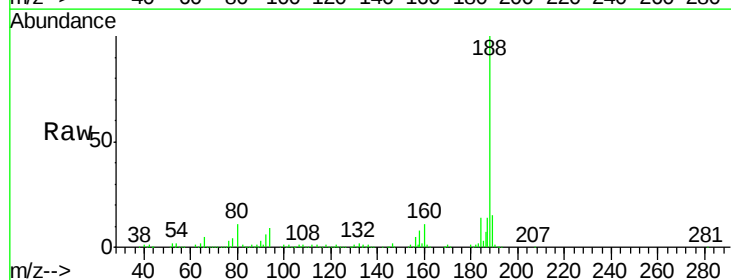
Tgt Ion:188 Resp: 606752

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

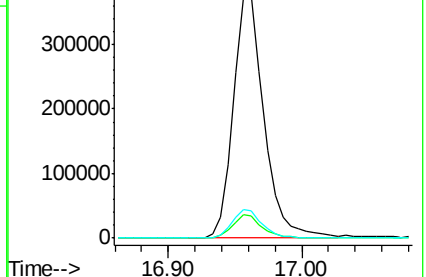
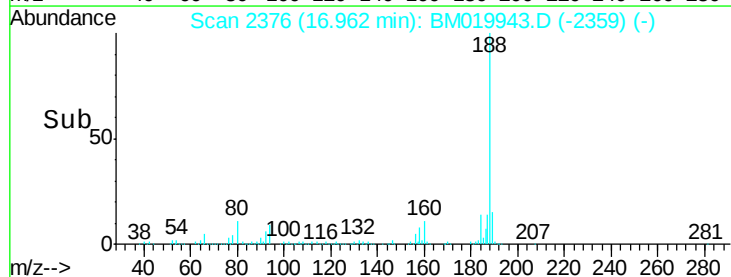
80 11.1 9.4 14.0

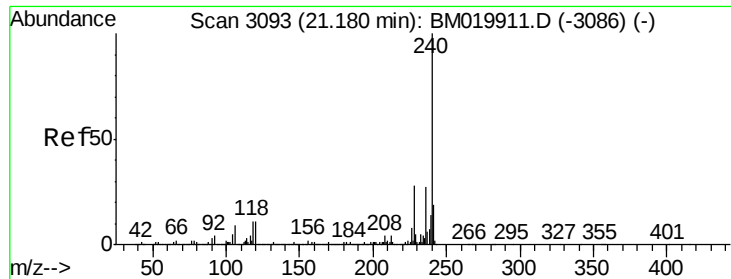


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

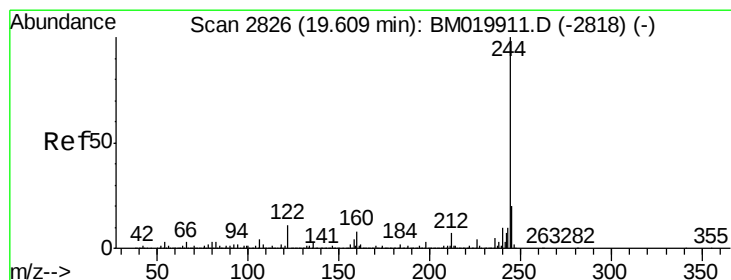
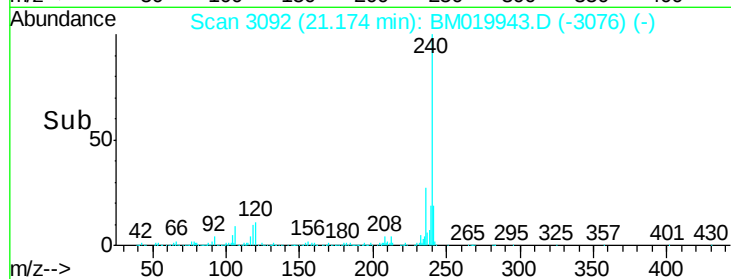
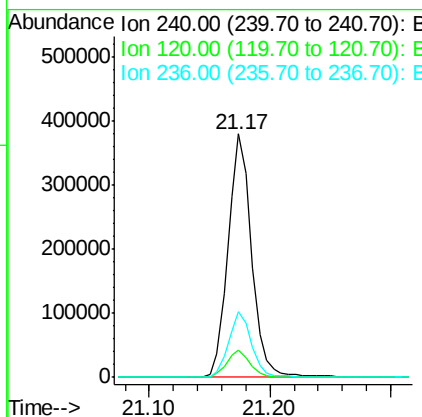
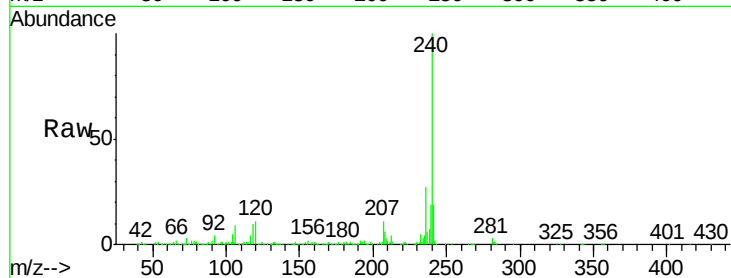




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM019943.D
 Acq: 17 Apr 2019 18:01

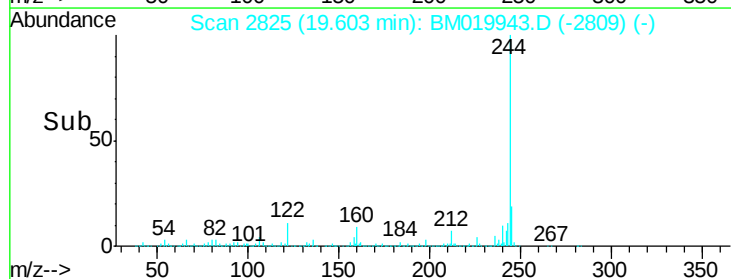
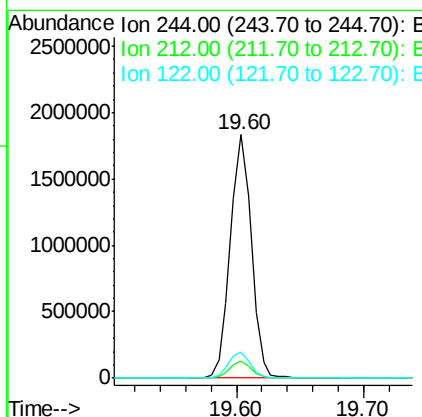
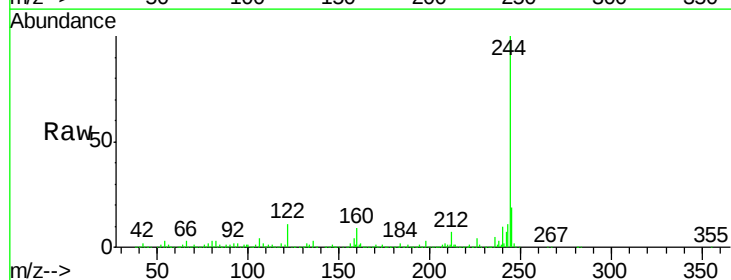
Instrument :
 BNA_M
 ClientSampleId :

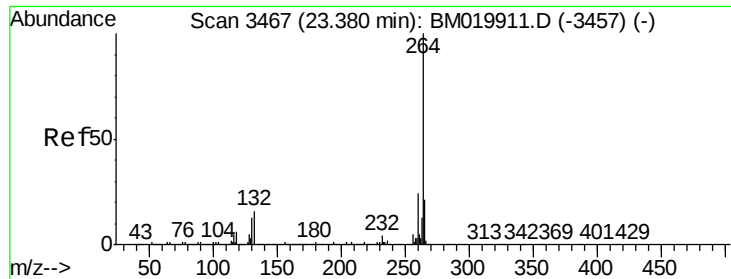
Tot Ion:240 Resp: 515543
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.6 13.0
 236 26.8 21.4 32.2



#79
 Terphenyl-d14
 Concen: 72.021 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019943.D
 Acq: 17 Apr 2019 18:01

Tgt Ion:244 Resp: 2105080
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.7 9.1 13.7

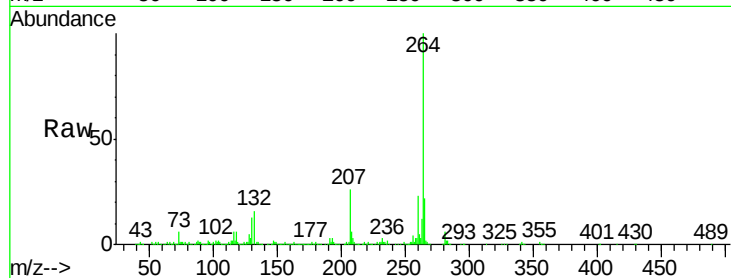




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019943.D
Acq: 17 Apr 2019 18:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	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

