

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019945.D
 Acq On : 17 Apr 2019 19:15
 Operator : JU/SJ
 Sample : K2442-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:11:49 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

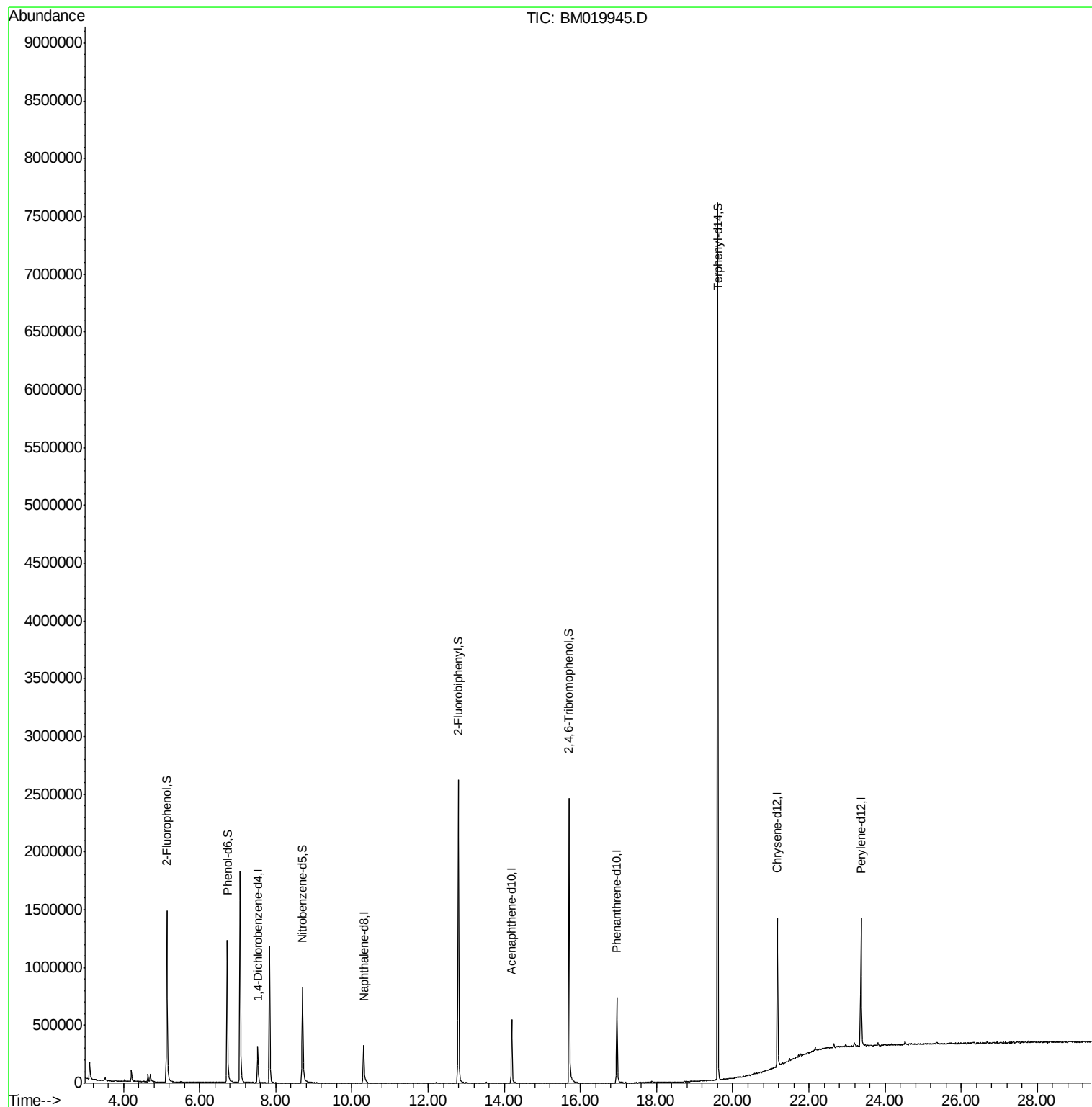
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	83596	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	314939	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	193950	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	469710	20.00	ng	0.00
76) Chrysene-d12	21.17	240	575968	20.00	ng	0.00
87) Perylene-d12	23.37	264	745517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	638657	123.81	ng	0.00
7) Phenol-d6	6.72	99	757746	97.61	ng	0.00
23) Nitrobenzene-d5	8.70	82	623135	88.48	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	461195	147.72	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1312987	84.37	ng	0.00
79) Terphenyl-d14	19.60	244	3055602	93.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	1860	Below Cal	Qvalue #	7

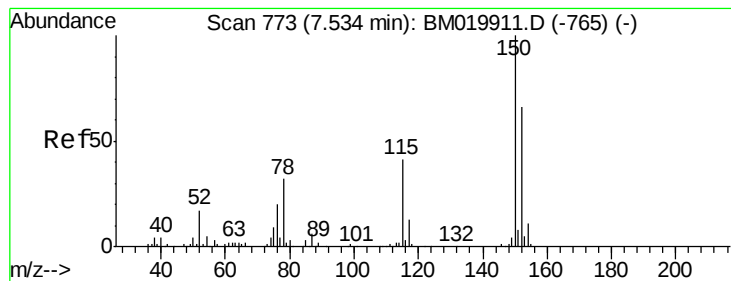
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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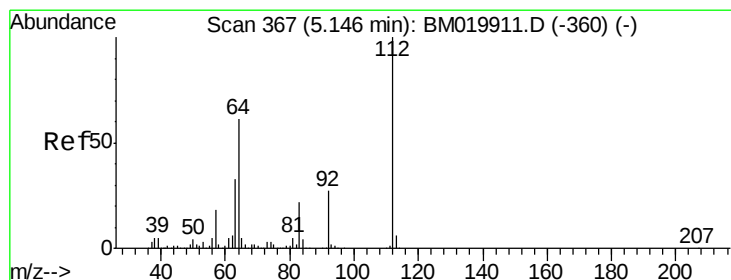
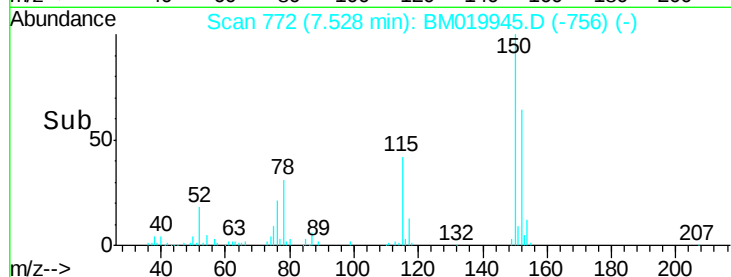
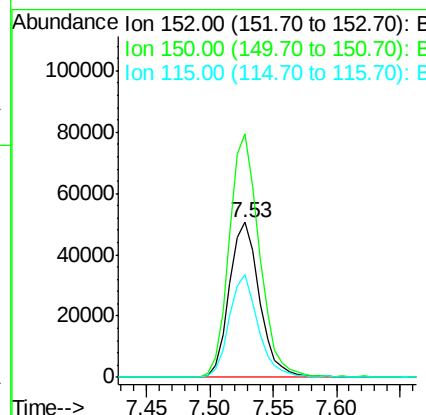
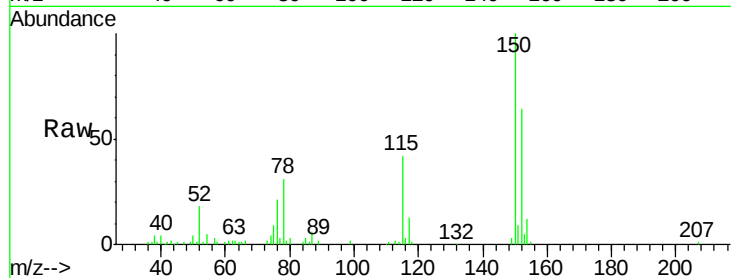


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :

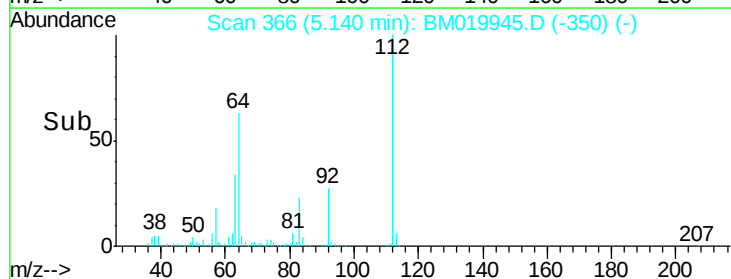
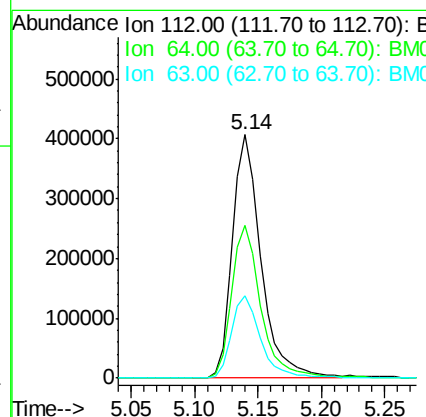
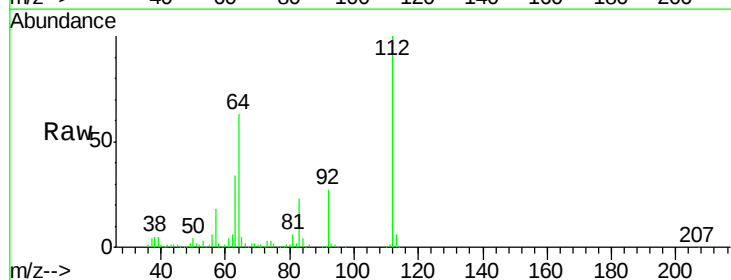
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.1	183.1
115	66.1	50.0	75.0

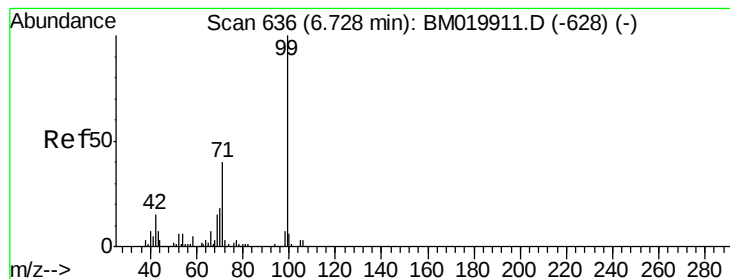


#5

2-Fluorophenol
Concen: 123.814 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.1	73.7
63	34.1	26.5	39.7





#7

Phenol-d6

Concen: 97.610 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019945.D

Acq: 17 Apr 2019 19:15

Instrument :

BNA_M

ClientSampled :

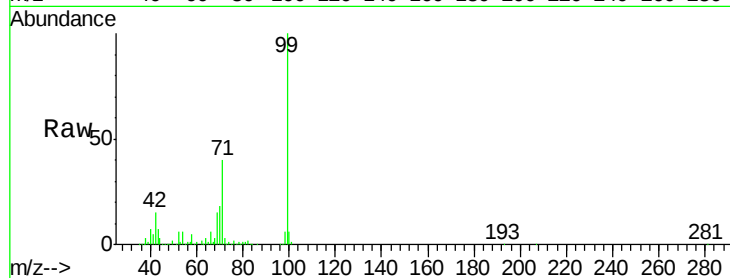
Tot Ion: 99 Resp: 757746

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

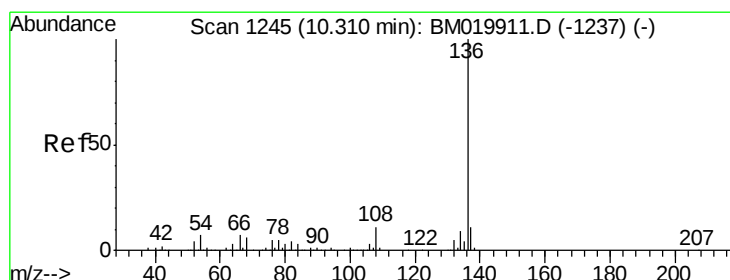
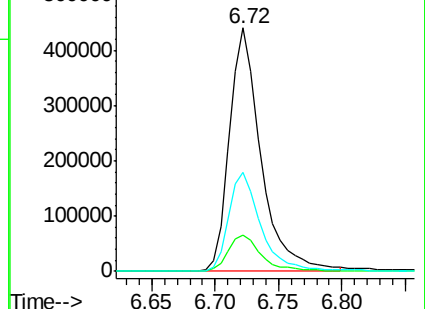
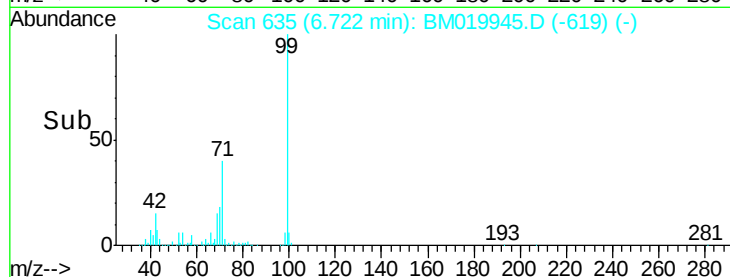
71 40.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019945.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019945.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019945.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019945.D

Acq: 17 Apr 2019 19:15

Tgt Ion: 136 Resp: 314939

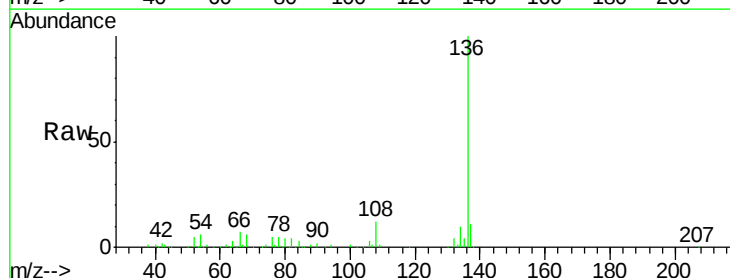
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.5 5.3 7.9

68 6.3 5.2 7.8

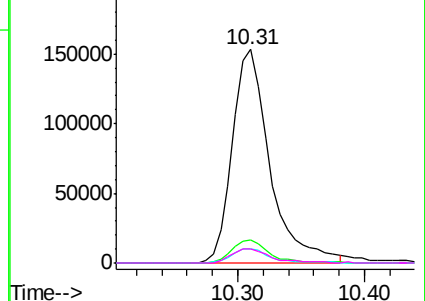
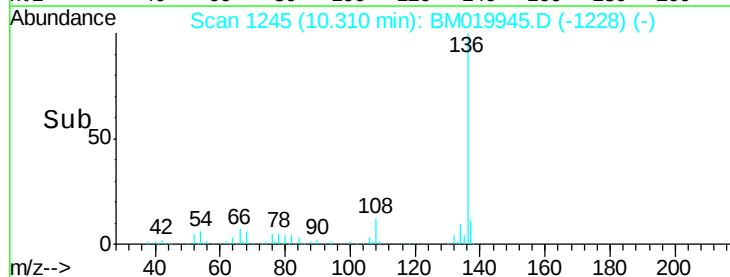


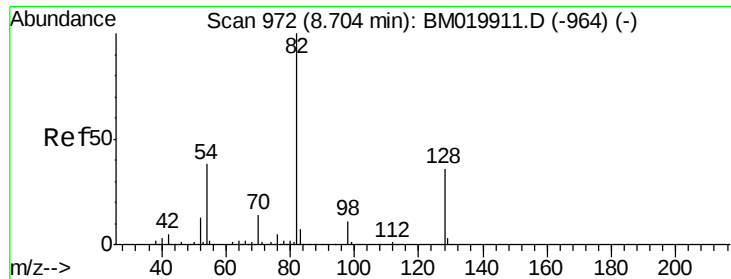
Abundance Ion 136.00 (135.70 to 136.70): BM019945.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019945.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019945.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019945.D (-1228) (-)

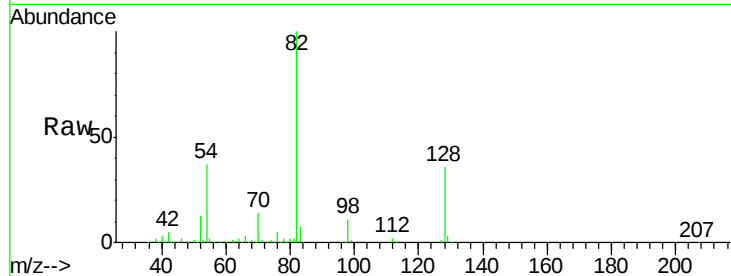




#23
 Nitrobenzene-d5
 Concen: 88.485 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019945.D
 Acq: 17 Apr 2019 19:15

Instrument :
 BNA_M
 ClientSampleId :

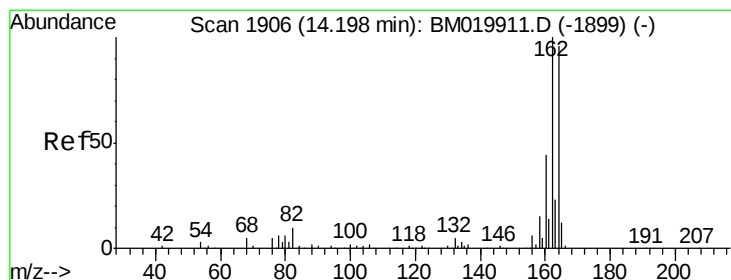
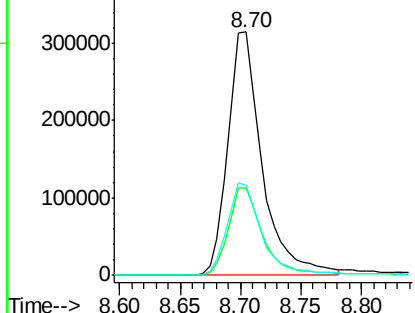
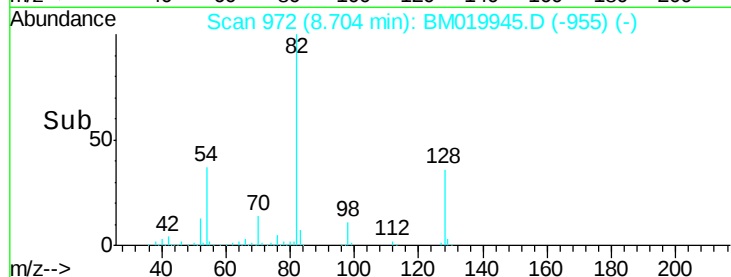
Tot Ion	82	Resp	623135
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.0	43.4
54	36.9	30.2	45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019945.D (-955) (-)

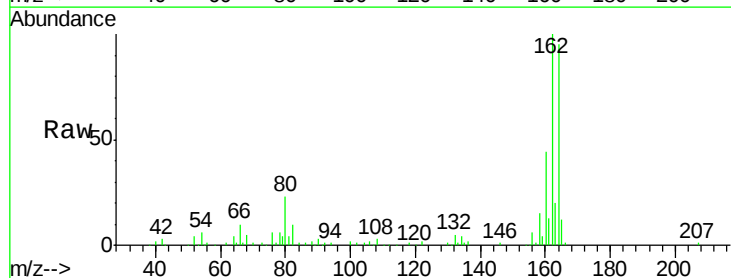
Ion 128.00 (127.70 to 128.70): BM019945.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM019945.D (-955) (-)



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019945.D
 Acq: 17 Apr 2019 19:15

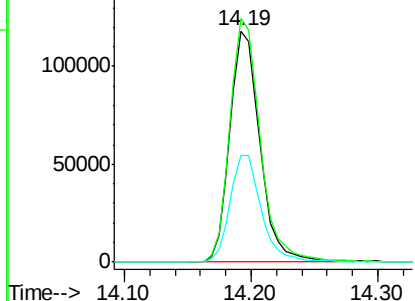
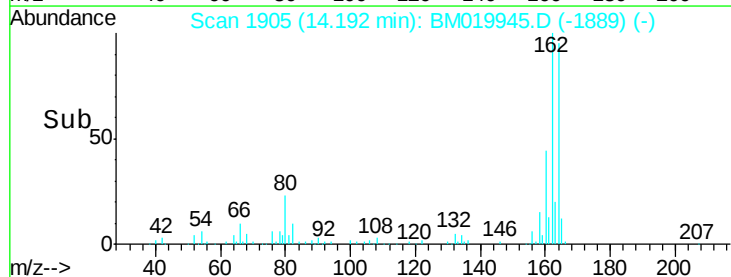
Tgt Ion	164	Resp	193950
Ion Ratio	Lower	Upper	
164	100		
162	105.2	83.0	124.4
160	46.2	36.6	55.0

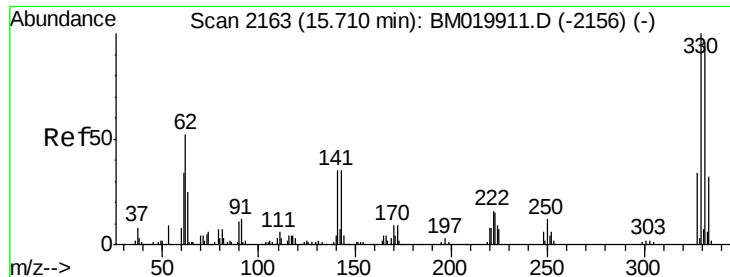


Abundance Ion 164.00 (163.70 to 164.70): BM019945.D (-1889) (-)

Ion 162.00 (161.70 to 162.70): BM019945.D (-1889) (-)

Ion 160.00 (159.70 to 160.70): BM019945.D (-1889) (-)

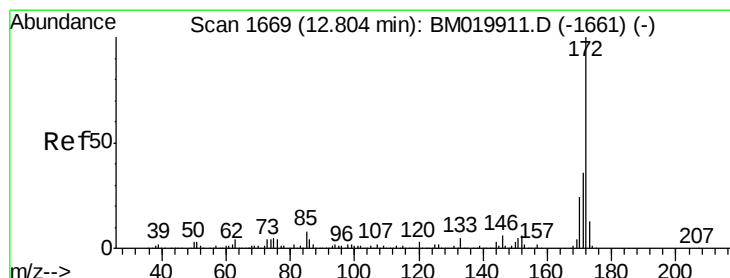
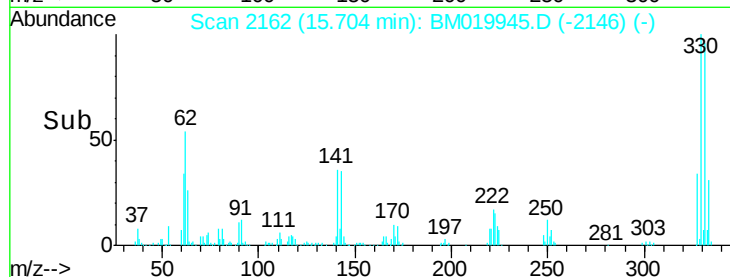
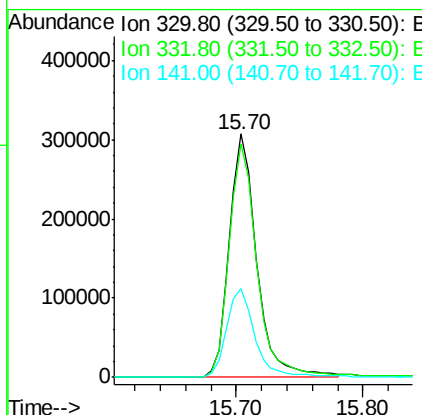
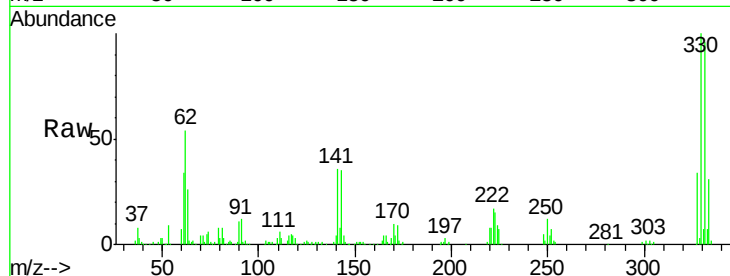




#42
 2,4,6-Tribromophenol
 Concen: 147.721 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019945.D
 Acq: 17 Apr 2019 19:15

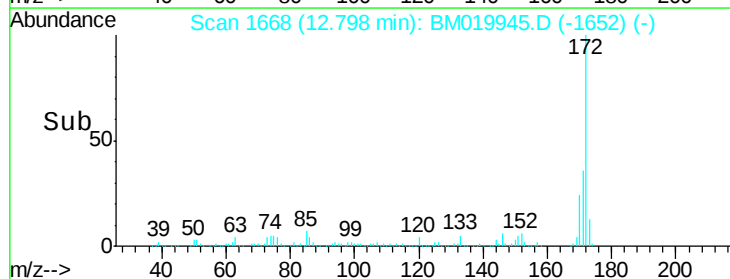
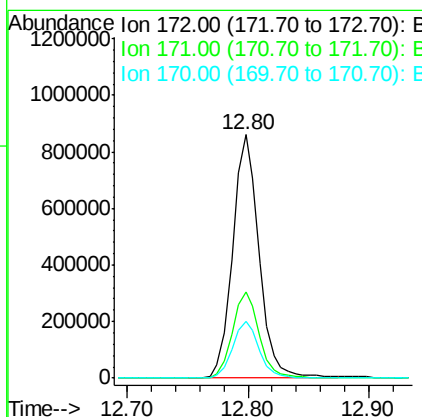
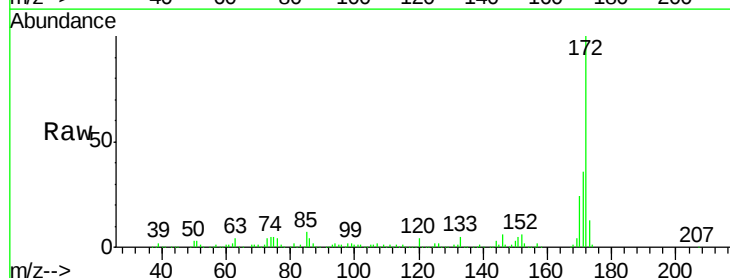
Instrument :
 BNA_M
 ClientSampleId :

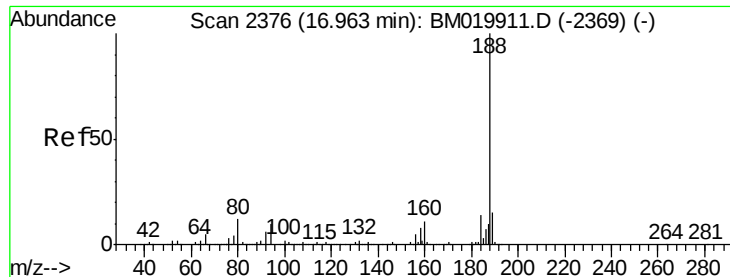
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	37.5	29.0	43.4



#45
 2-Fluorobiphenyl
 Concen: 84.366 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019945.D
 Acq: 17 Apr 2019 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.6	19.0	28.4

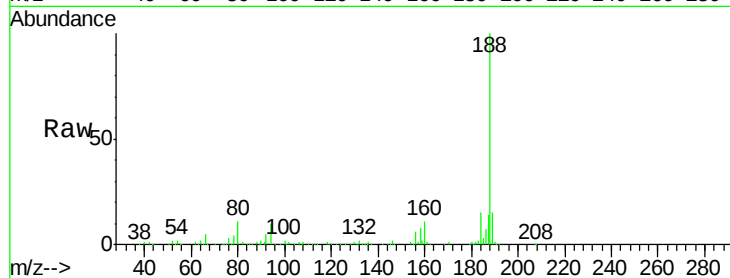




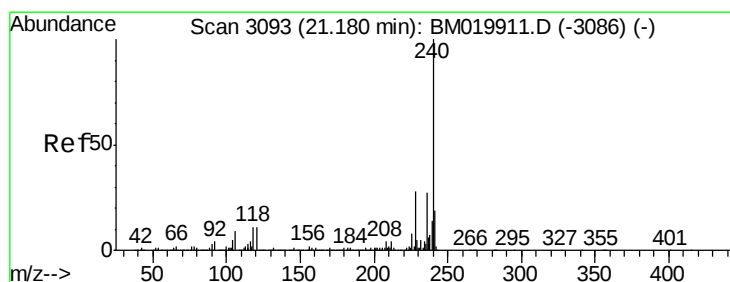
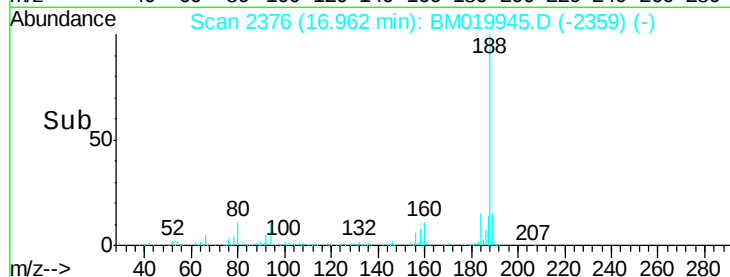
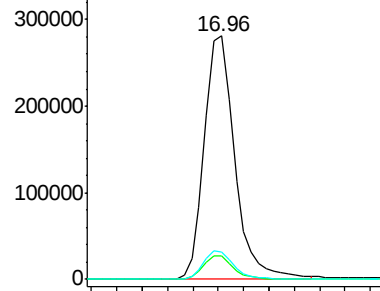
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 469710
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 11.1 9.4 14.0

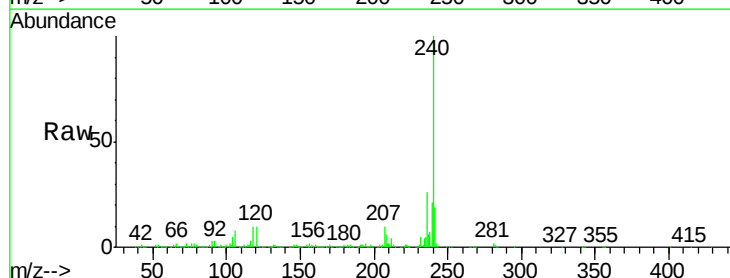


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

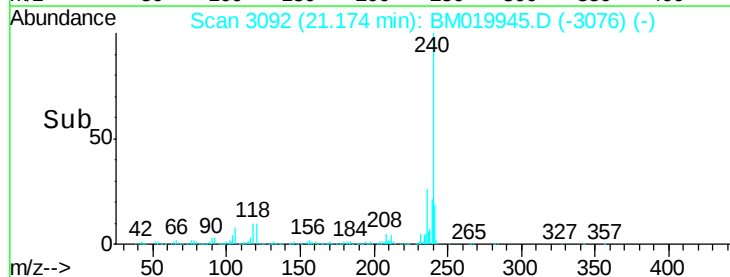
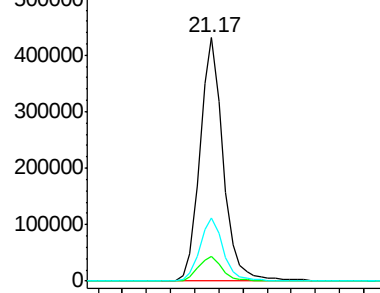


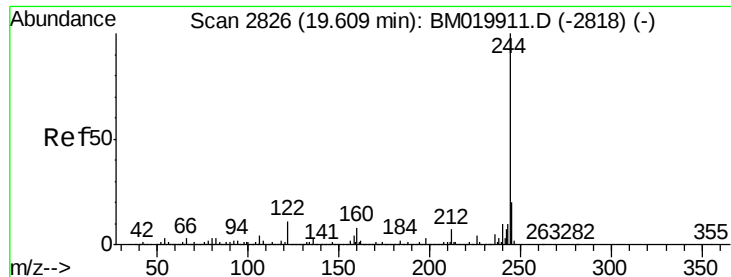
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:240 Resp: 575968
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.7 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: 93.574 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019945.D

Acq: 17 Apr 2019 19:15

Instrument :

BNA_M

ClientSampleId :

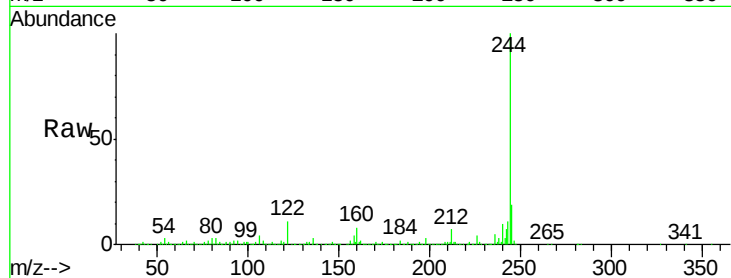
Tot Ion:244 Resp: 3055602

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

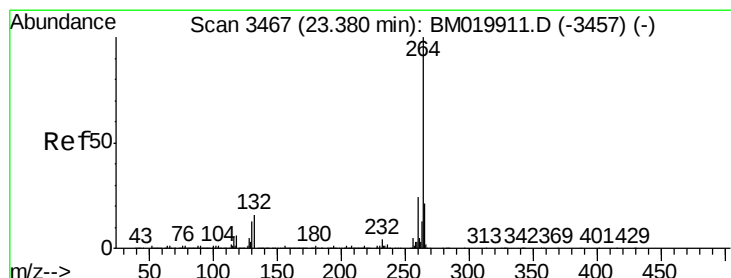
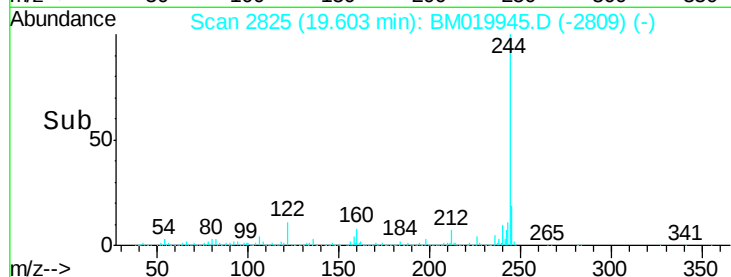
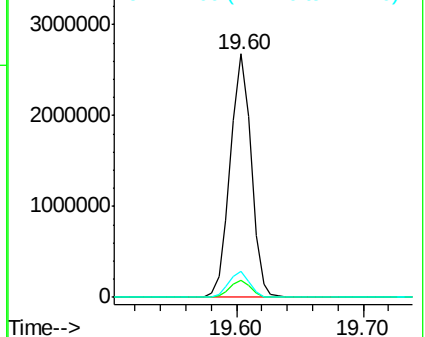
122 10.7 9.1 13.7



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: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM019945.D

Acq: 17 Apr 2019 19:15

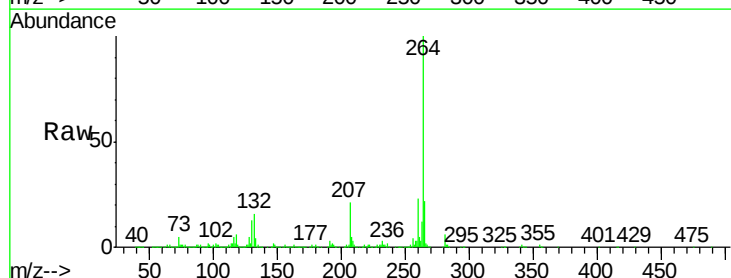
Tgt Ion:264 Resp: 745517

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 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

