

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019941.D
 Acq On : 17 Apr 2019 16:48
 Operator : JU/SJ
 Sample : K2197-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 17 17:42:54 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

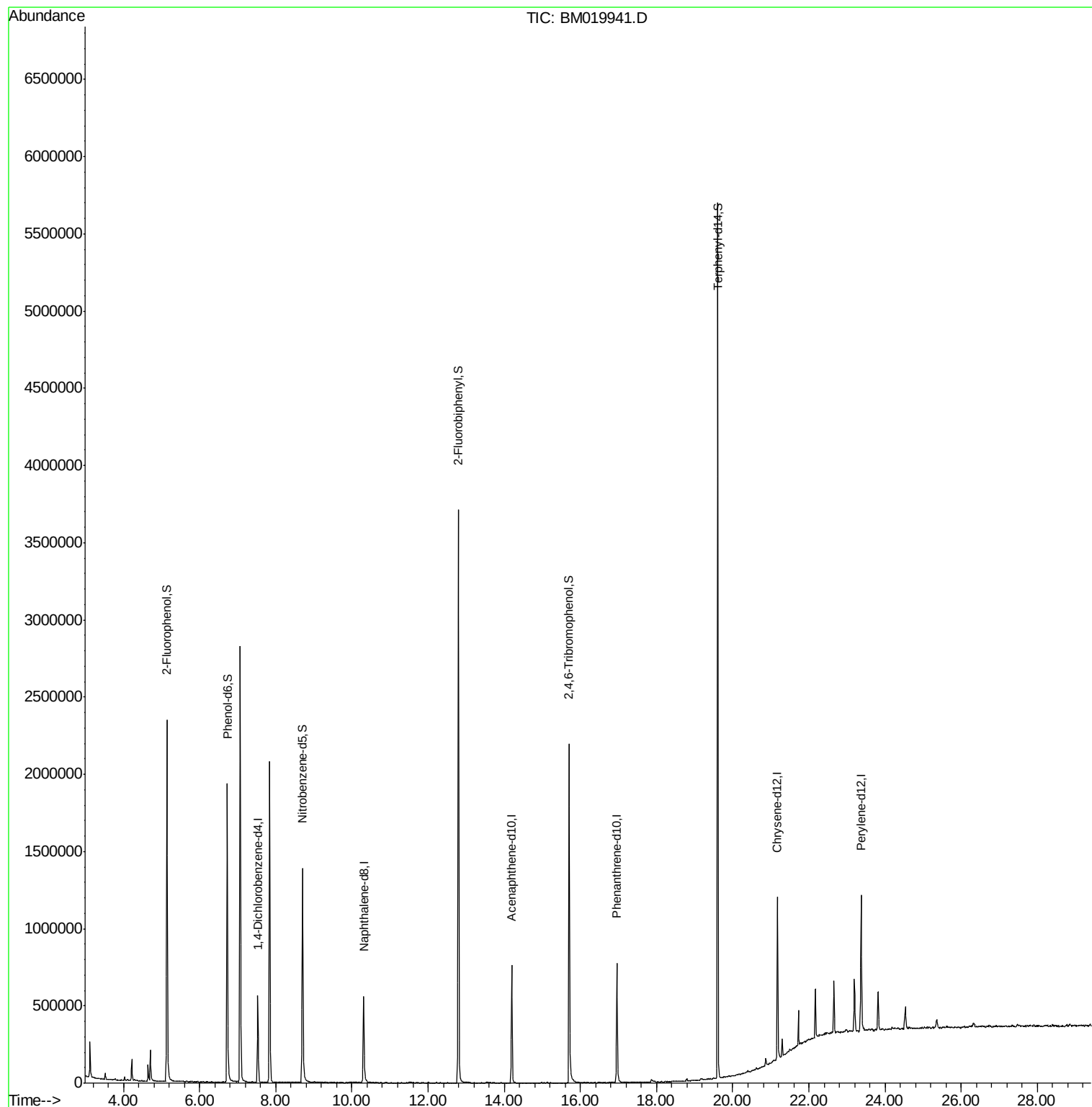
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	138611	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	512786	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	264615	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	490735	20.00	ng	0.00
76) Chrysene-d12	21.17	240	470648	20.00	ng	0.00
87) Perylene-d12	23.37	264	608554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	979504	114.52	ng	0.00
7) Phenol-d6	6.72	99	1138806	88.47	ng	0.00
23) Nitrobenzene-d5	8.70	82	958311	83.58	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	430910	101.16	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1790002	84.30	ng	0.00
79) Terphenyl-d14	19.60	244	2218953	83.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	285	Below Cal	Qvalue #	50

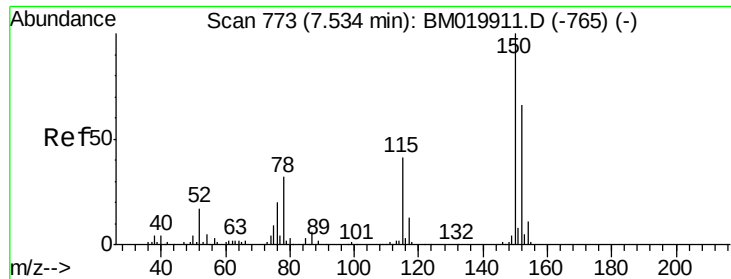
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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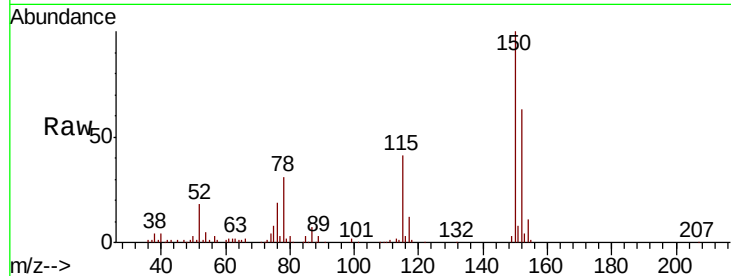


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.1	183.1
115	64.0	50.0	75.0

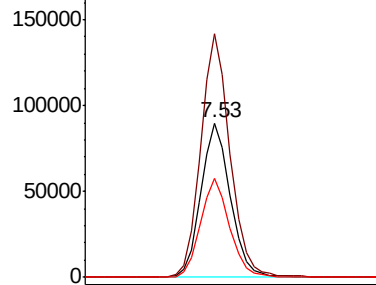


Abundance

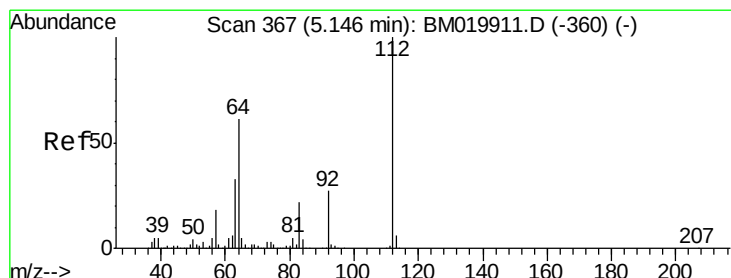
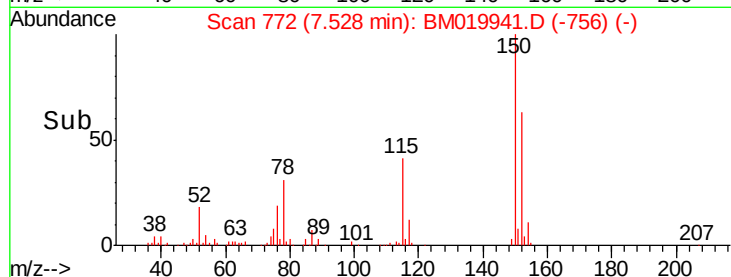
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



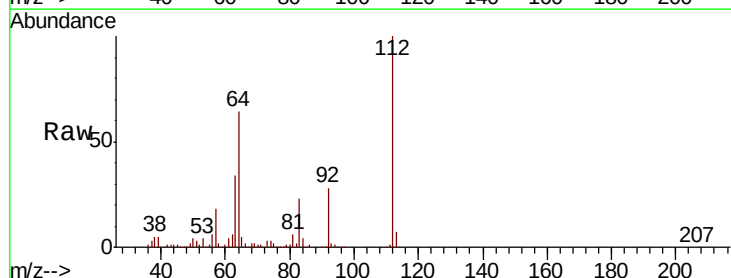
Time-->



#5

2-Fluorophenol
Concen: 114.524 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.1	73.7
63	33.9	26.5	39.7

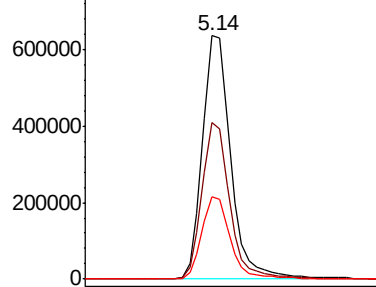


Abundance

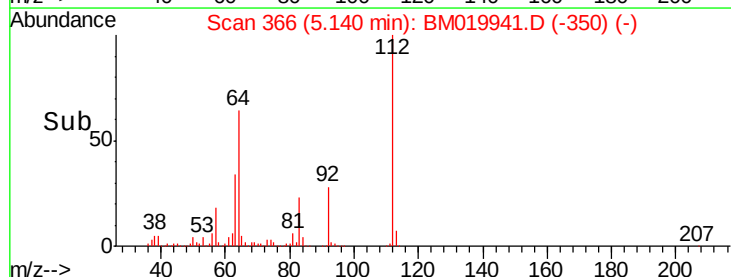
Ion 112.00 (111.70 to 112.70): E

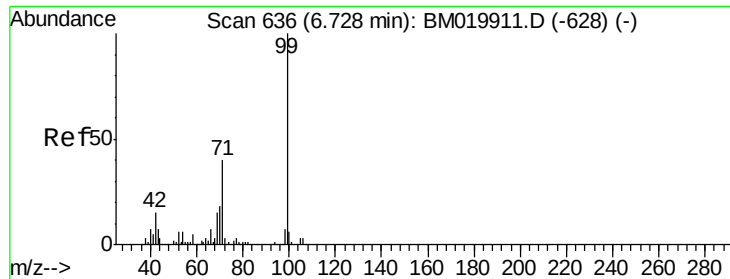
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 88.473 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

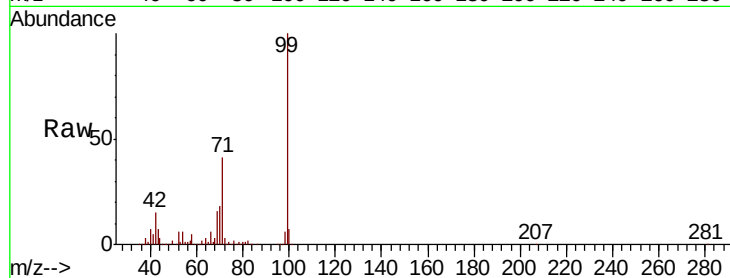
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1138806

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.8	17.8
71	40.7	32.0	48.0

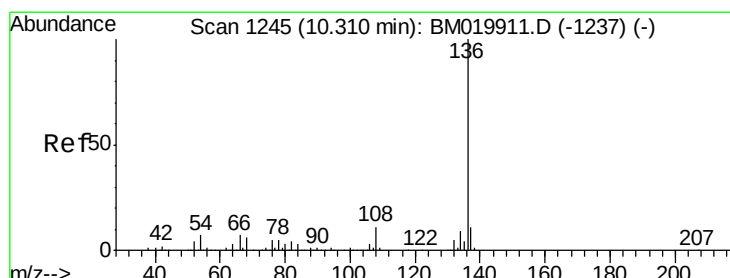
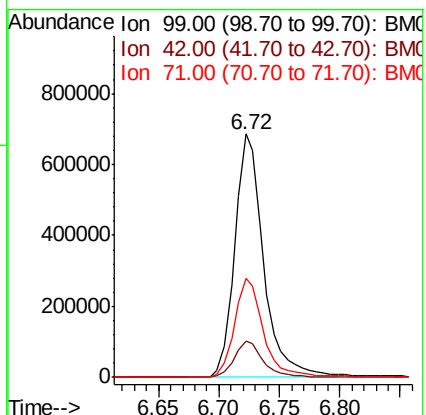
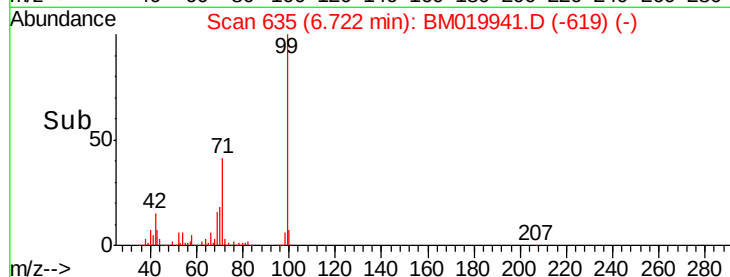


Abundance

Ion 99.00 (98.70 to 99.70): BM019941.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019941.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019941.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

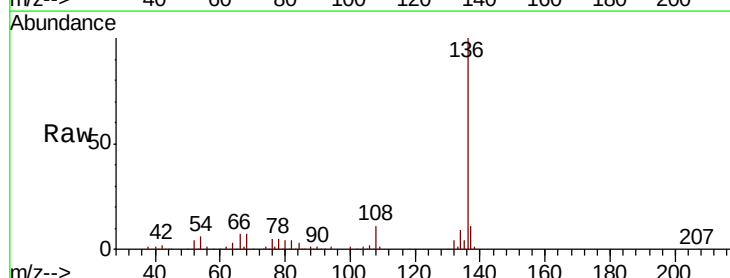
Delta R.T. -0.00 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Tgt Ion: 136 Resp: 512786

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	5.3	7.9
68	6.7	5.2	7.8



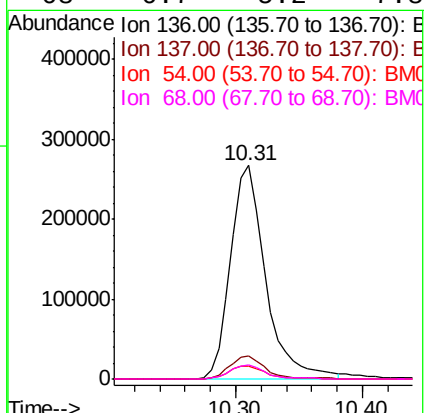
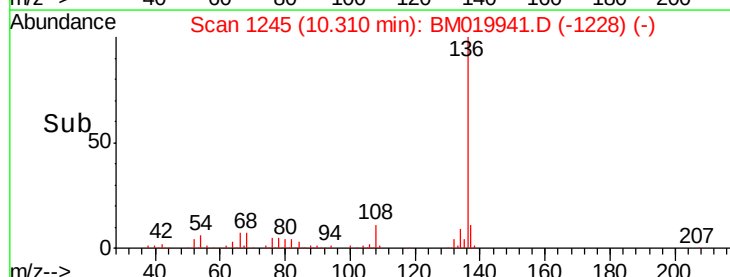
Abundance

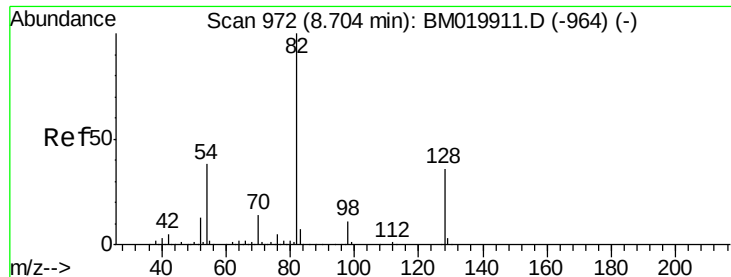
Ion 136.00 (135.70 to 136.70): BM019941.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019941.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019941.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019941.D (-1228) (-)

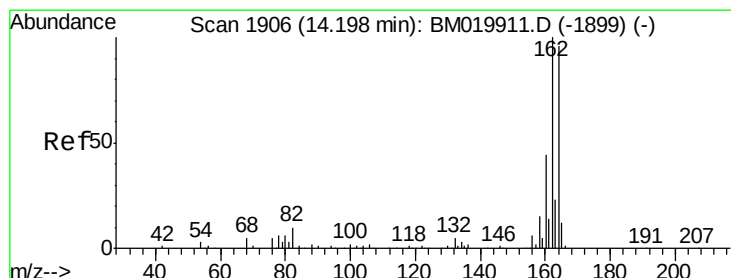
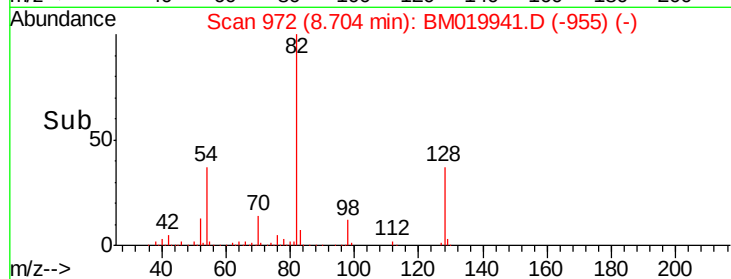
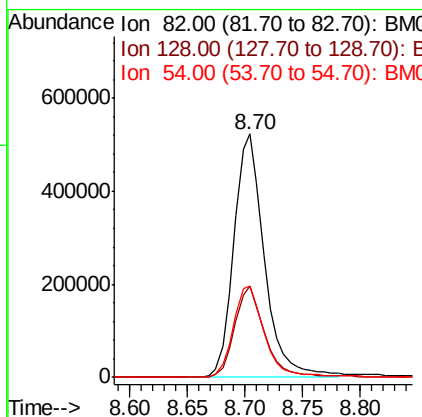
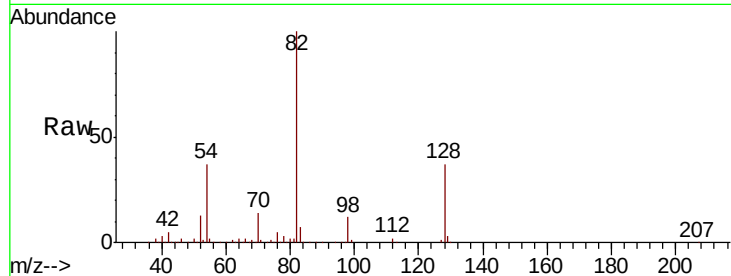




#23
 Nitrobenzene-d5
 Concen: 83.576 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

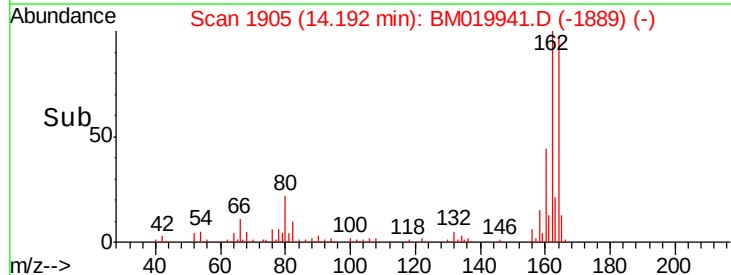
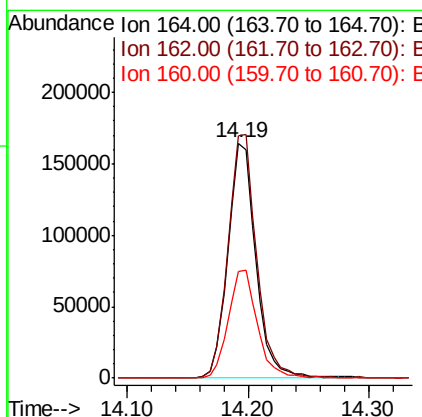
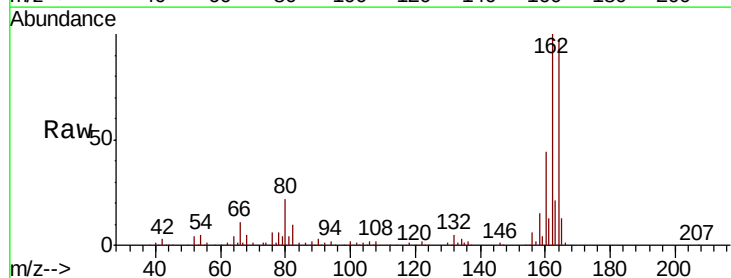
Instrument :
 BNA_M
 ClientSampleId :

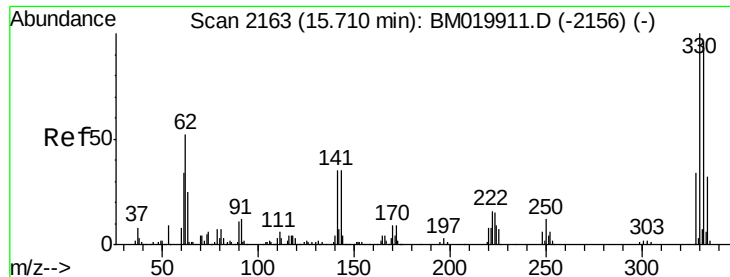
Tot Ion	82	Resp	958311
Ion Ratio	100	Lower	Upper
128	37.3	29.0	43.4
54	37.4	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Tgt Ion	164	Resp	264615
Ion Ratio	100	Lower	Upper
162	103.0	83.0	124.4
160	45.3	36.6	55.0

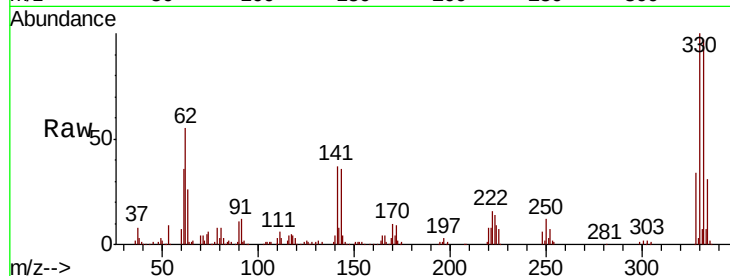




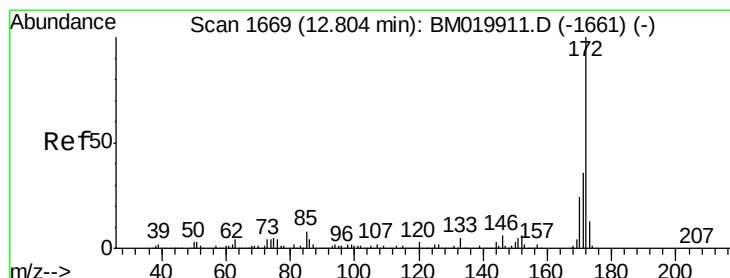
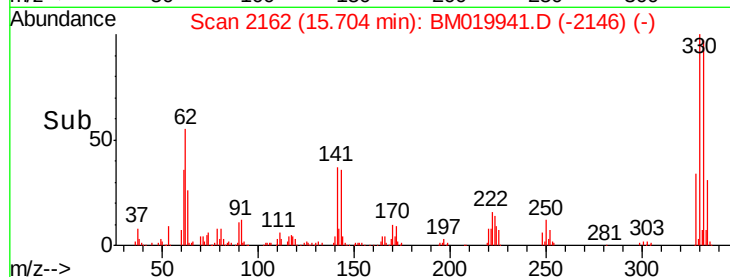
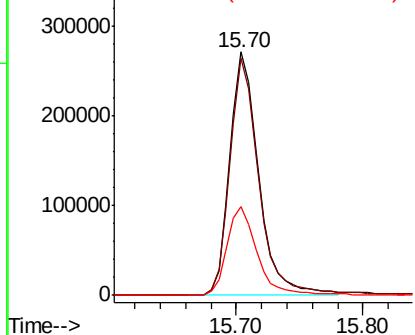
#42
 2,4,6-Tribromophenol
 Concen: 101.163 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 430910
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.5 29.0 43.4

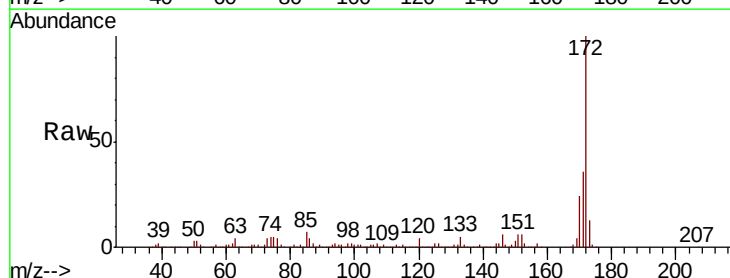


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

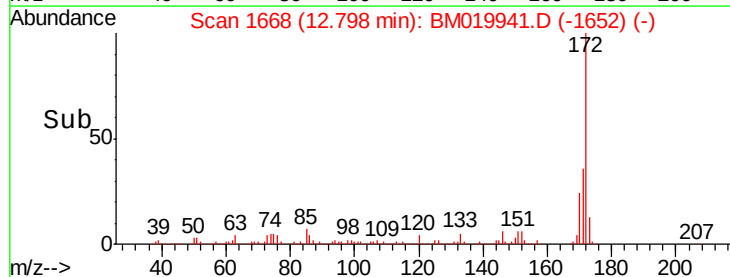
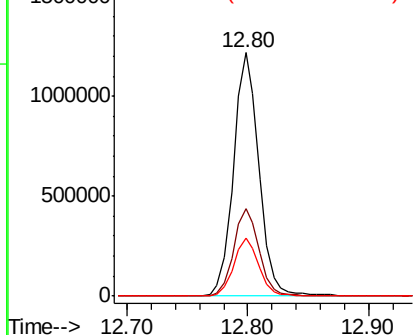


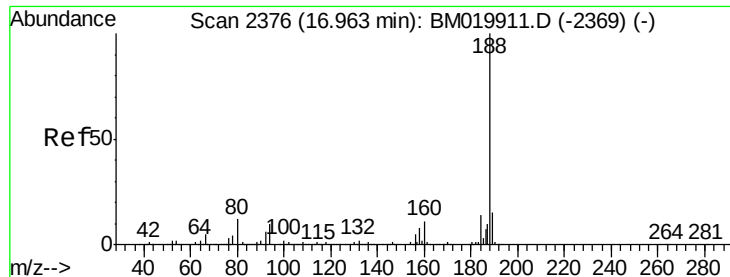
#45
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Tgt Ion:172 Resp: 1790002
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.9 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

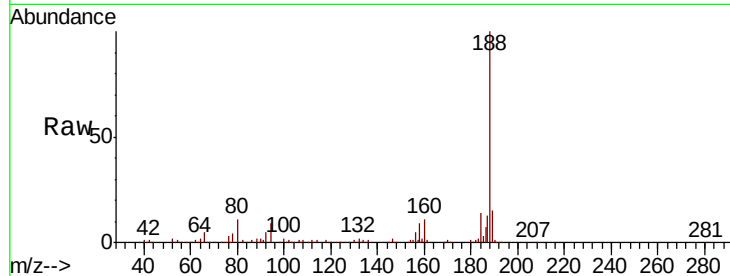




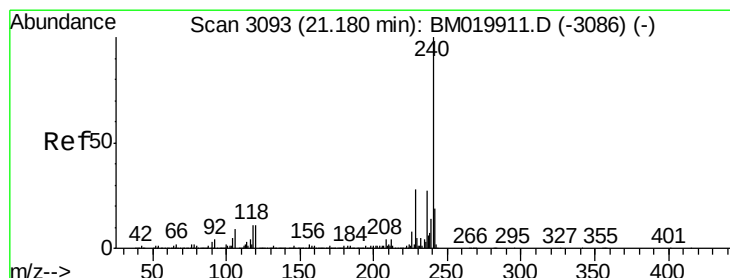
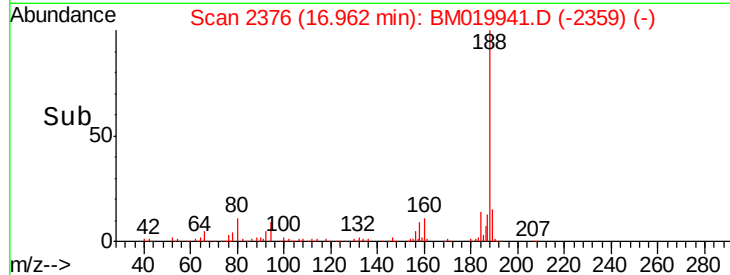
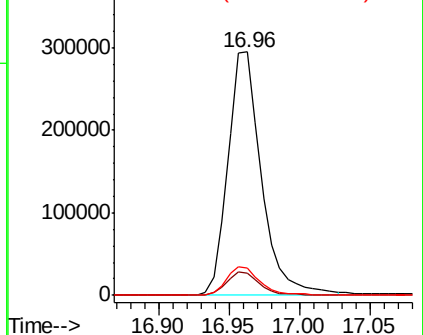
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	11.2	9.4	14.0

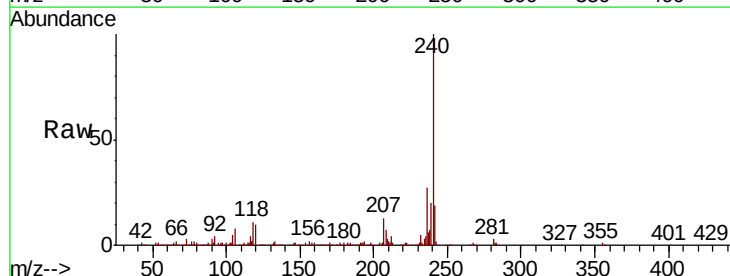


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

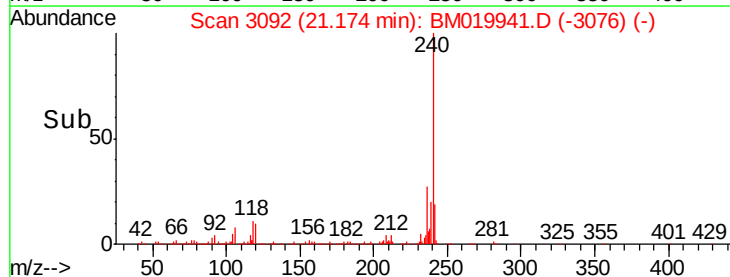
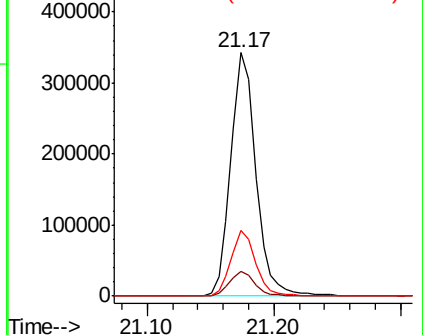


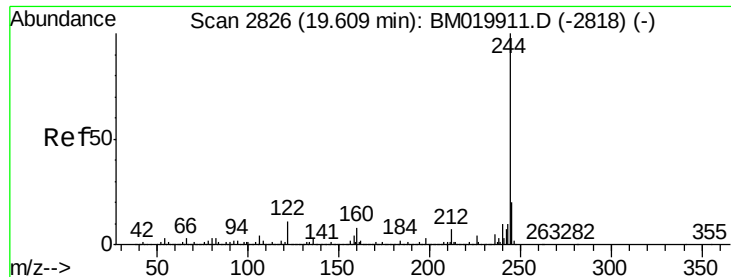
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	26.8	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: 83.159 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Instrument :

BNA_M

ClientSampled :

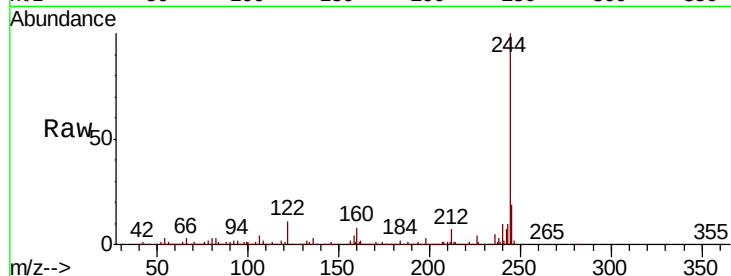
Tot Ion:244 Resp: 2218953

Ion Ratio Lower Upper

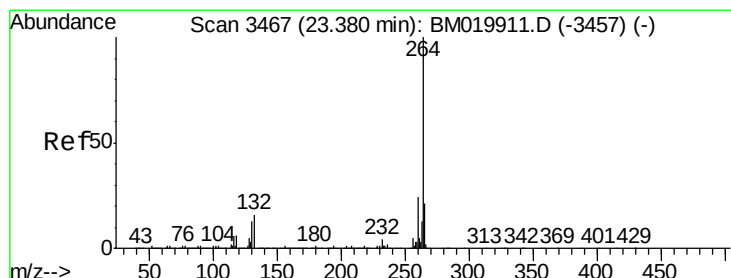
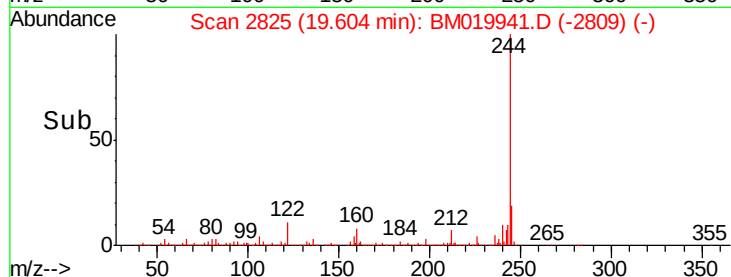
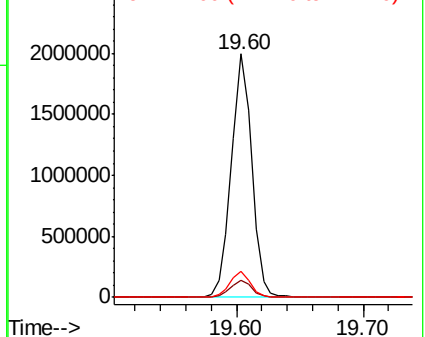
244 100

212 7.0 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# 3466

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

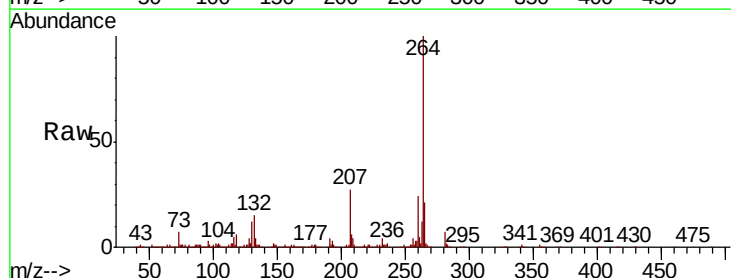
Tgt Ion:264 Resp: 608554

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 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

