

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019028.D
 Acq On : 05 Mar 2019 02:53
 Operator : JU/SJ
 Sample : K1712-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-4-2-AB

Quant Time: Mar 05 04:31:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	215026	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	848524	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	495376	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1125254	20.00	ng	0.00
76) Chrysene-d12	21.28	240	950449	20.00	ng	0.00
87) Perylene-d12	23.53	264	894441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1964378	149.68	ng	0.00
7) Phenol-d6	6.86	99	2551938	138.03	ng	0.00
23) Nitrobenzene-d5	8.85	82	1877119	102.29	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1153786	161.58	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3726496	99.86	ng	0.00
79) Terphenyl-d14	19.72	244	6038436	131.06	ng	0.00

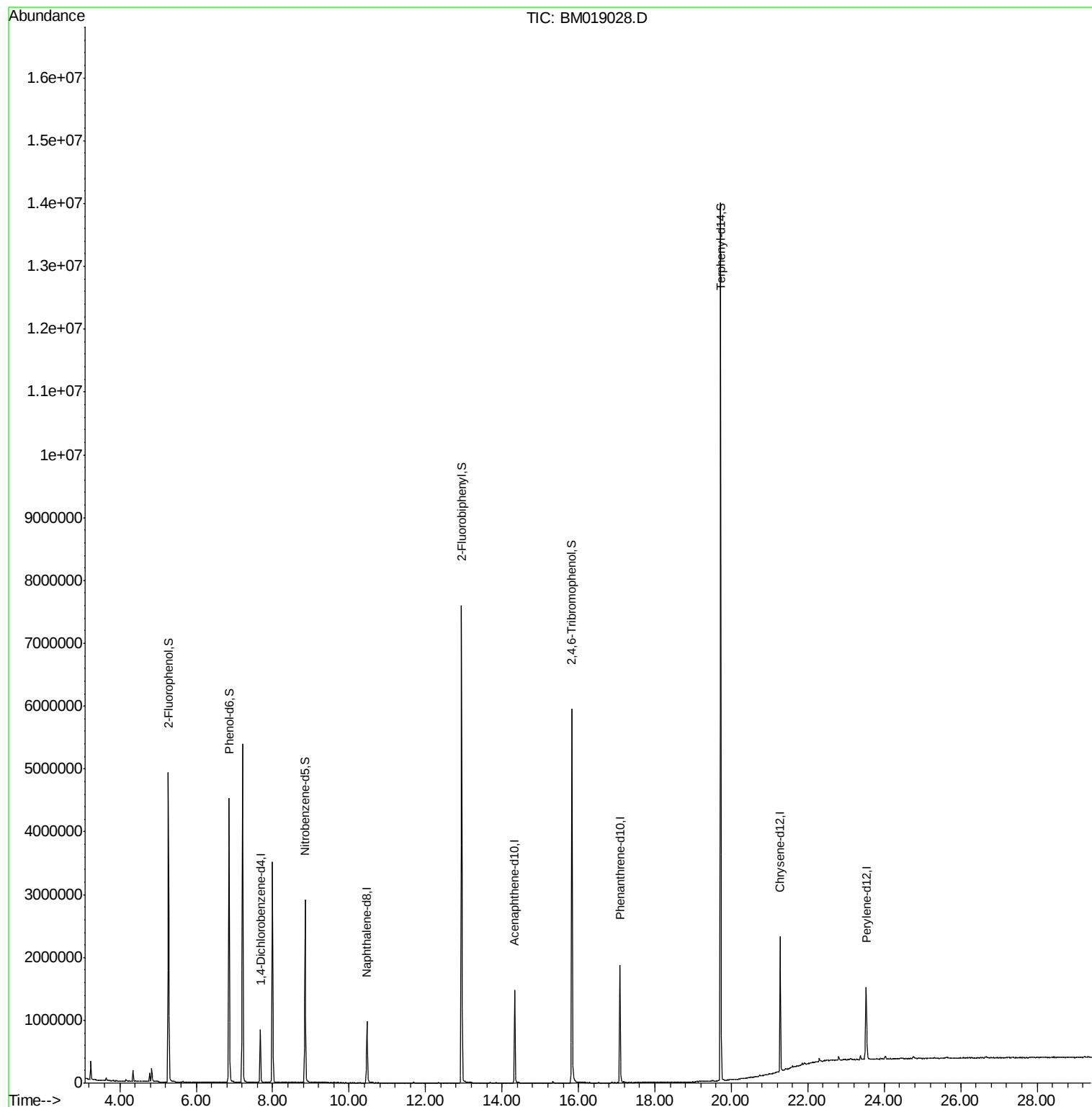
Target Compounds Qvalue

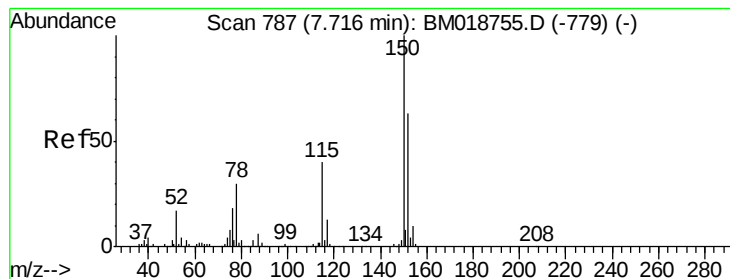
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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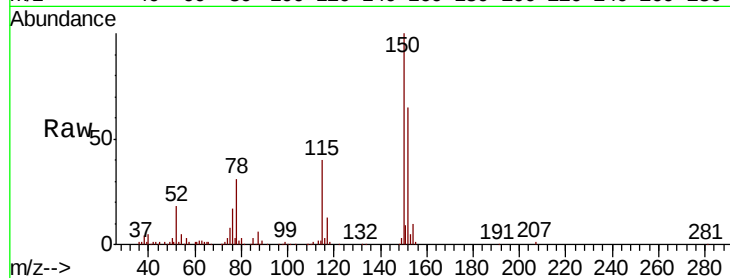


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-4-2-AB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.3	190.9
115	61.2	50.8	76.2

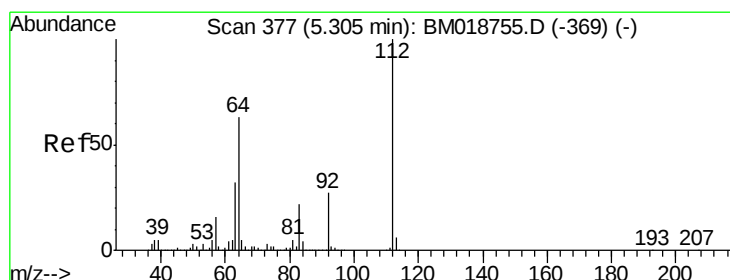
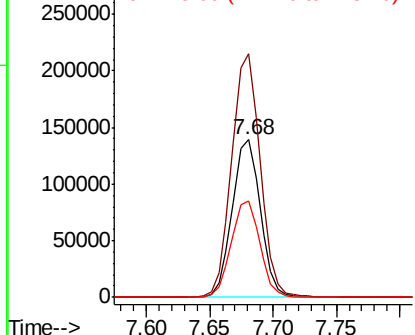
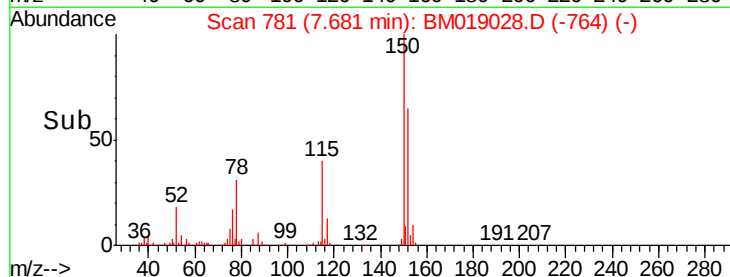


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

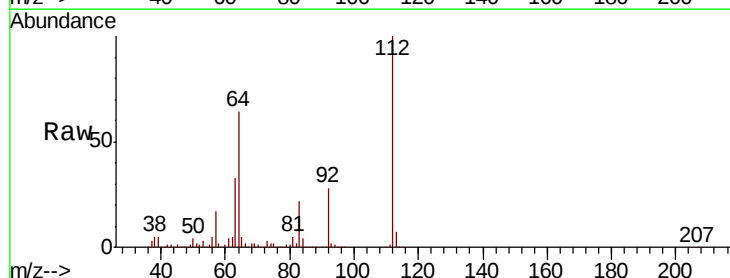
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 149.683 ng
 RT: 5.27 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	75.8
63	33.1	25.7	38.5

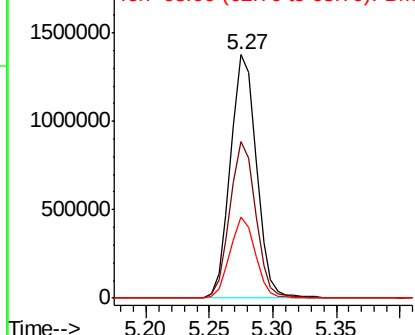
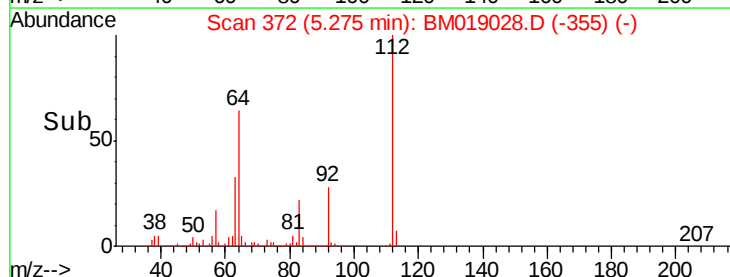


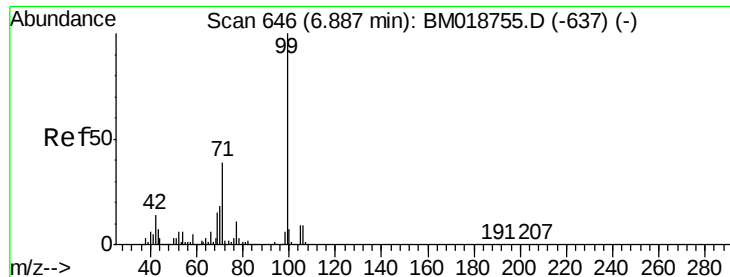
Abundance

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: 138.033 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Instrument :

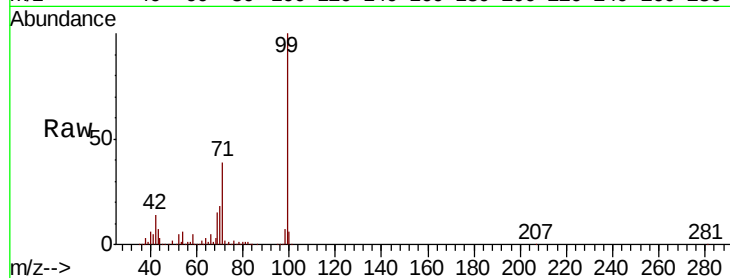
BNA_M

ClientSampleId :

Z-4-2-AB

Tot Ion: 99 Resp: 2551938

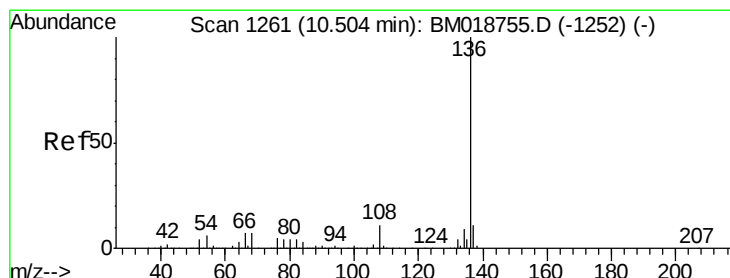
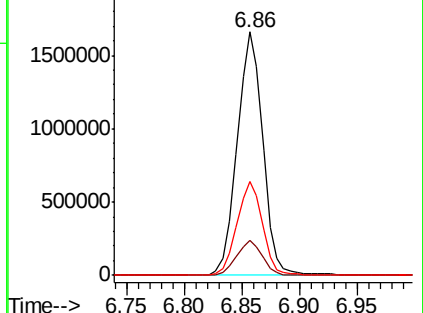
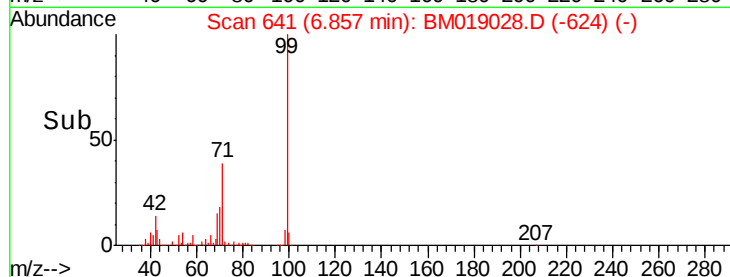
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	38.6	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

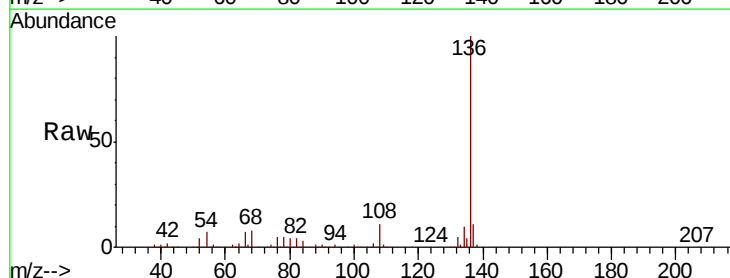
Delta R.T. -0.01 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Tgt Ion: 136 Resp: 848524

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.0	5.0	7.6
68	7.6	5.5	8.3

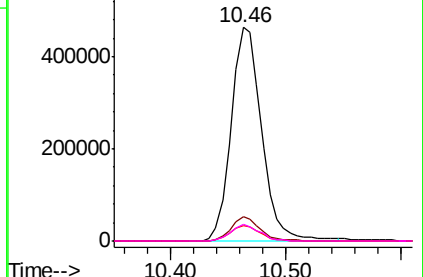
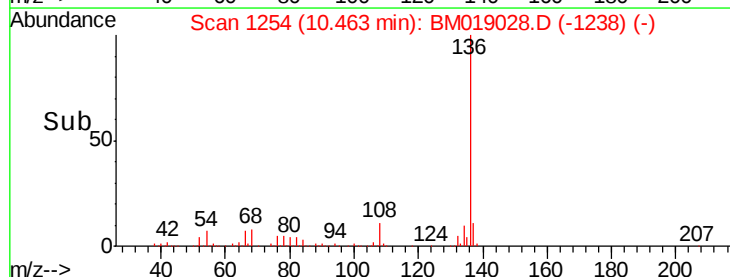


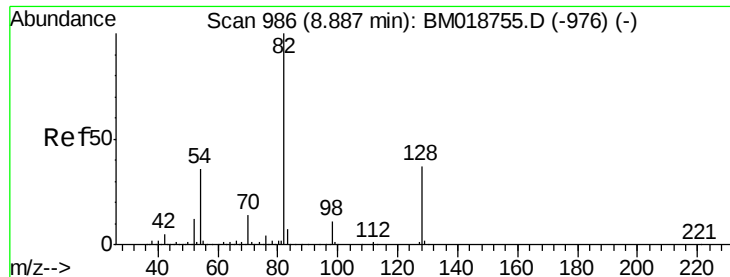
Abundance Ion 136.00 (135.70 to 136.70): E

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

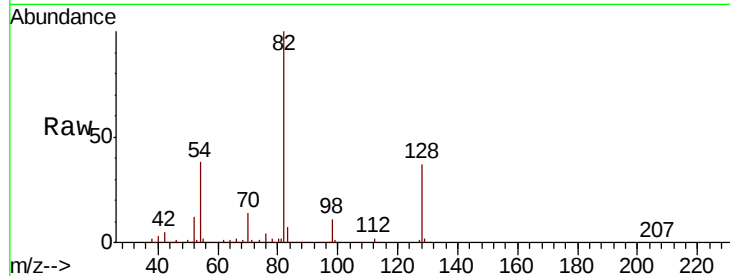




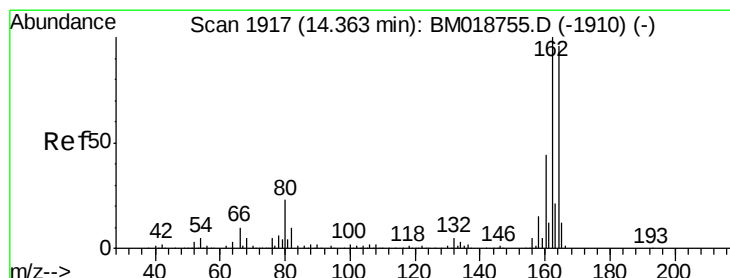
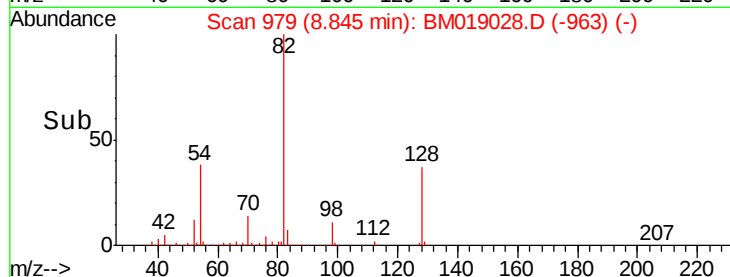
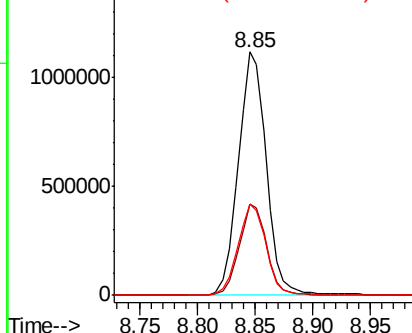
#23
Nitrobenzene-d5
Concen: 102.290 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Instrument :
BNA_M
ClientSampled :
Z-4-2-AB

Tot Ion: 82 Resp: 1877119
Ion Ratio Lower Upper
82 100
128 37.3 29.9 44.9
54 37.6 29.1 43.7

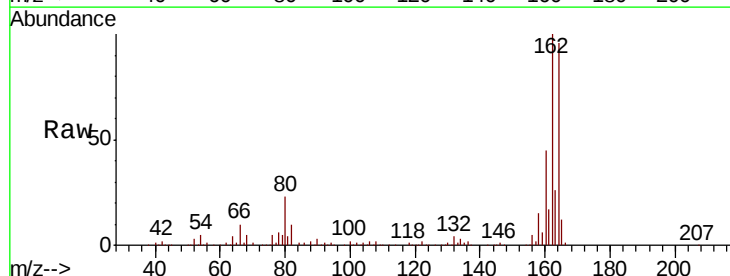


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

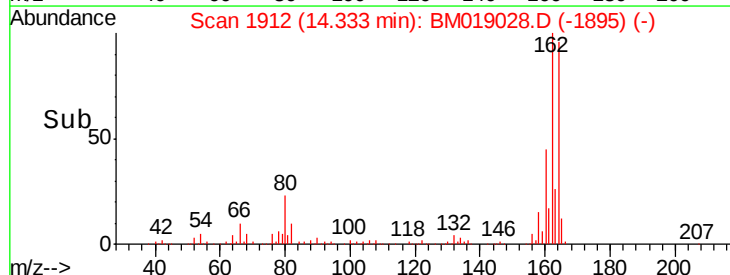
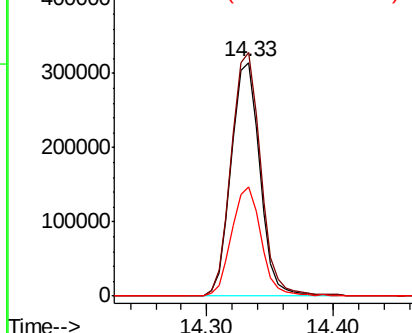


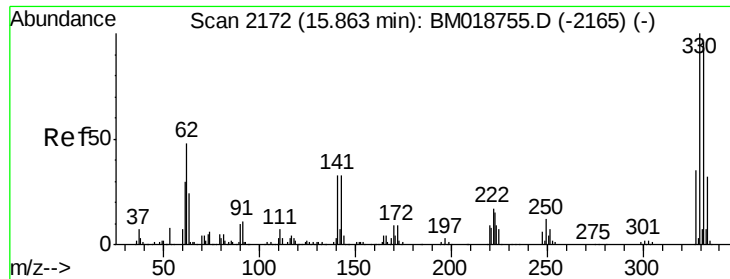
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Tgt Ion:164 Resp: 495376
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 46.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

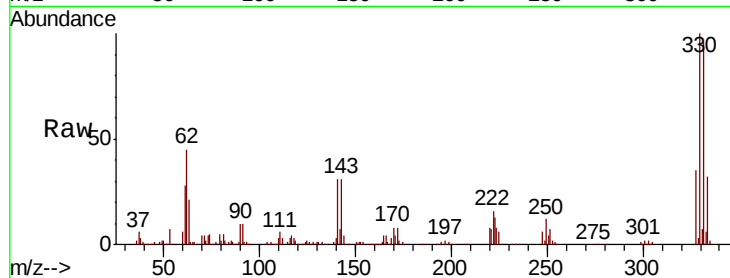




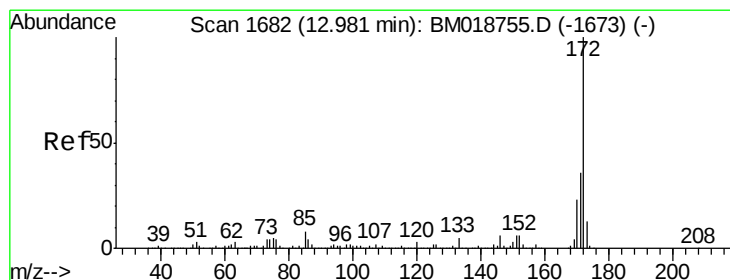
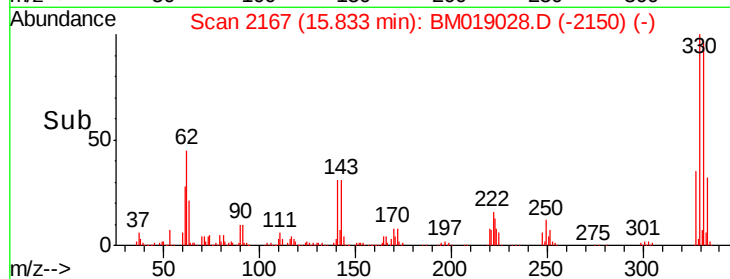
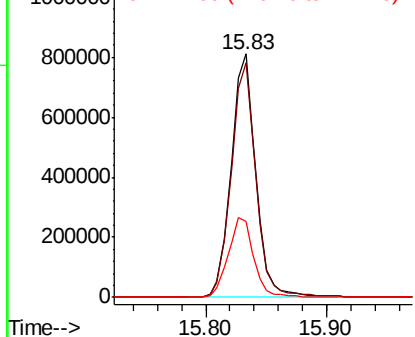
#42
 2,4,6-Tribromophenol
 Concen: 161.579 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-4-2-AB

Tot Ion:330 Resp: 1153786
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 34.1 28.7 43.1

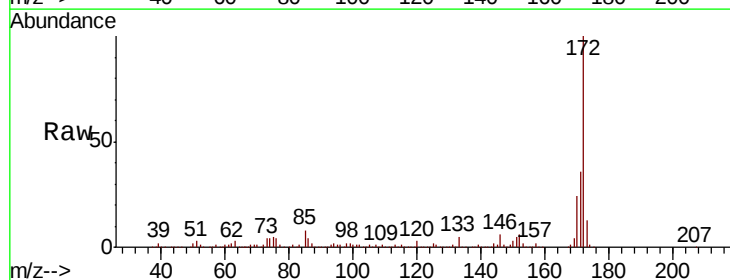


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

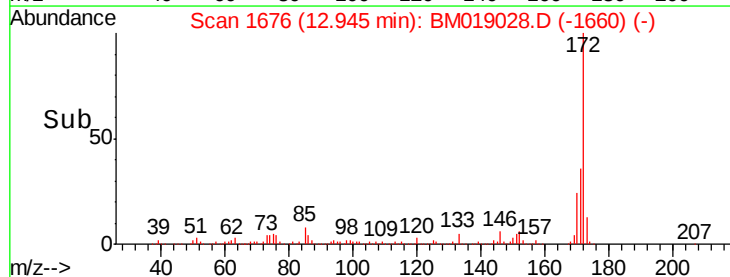
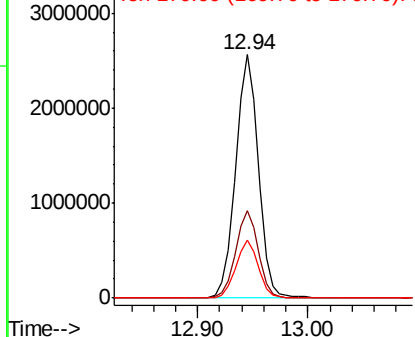


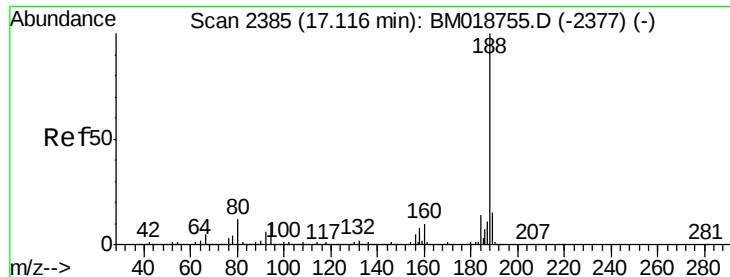
#45
 2-Fluorobiphenyl
 Concen: 99.860 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Tgt Ion:172 Resp: 3726496
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.7 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

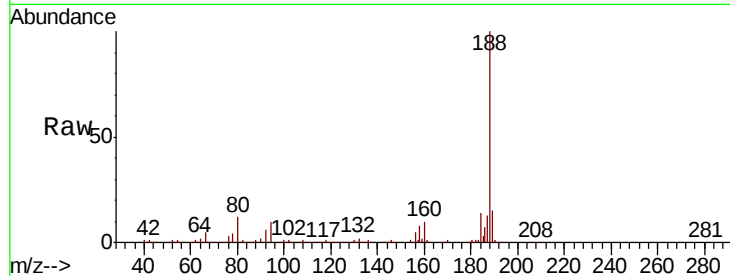




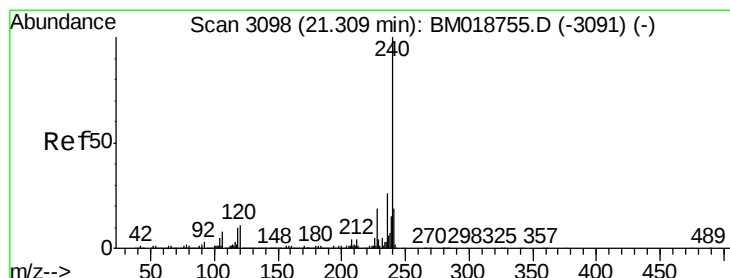
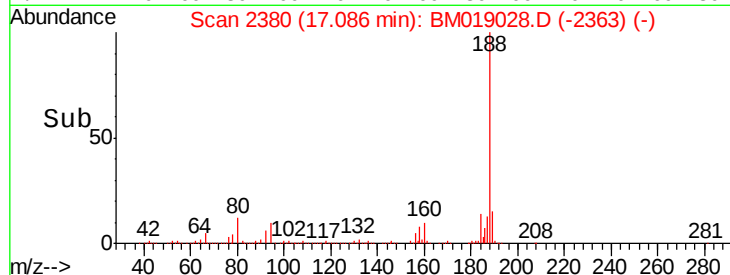
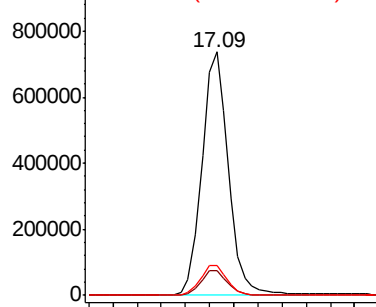
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Instrument :
BNA_M
ClientSampleId :
Z-4-2-AB

Tot Ion:188 Resp: 1125254
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.2 9.7 14.5

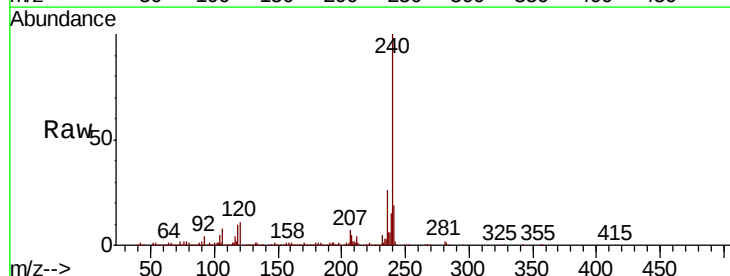


Abundance Ion 188.00 (187.70 to 188.70): E
1000000 Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

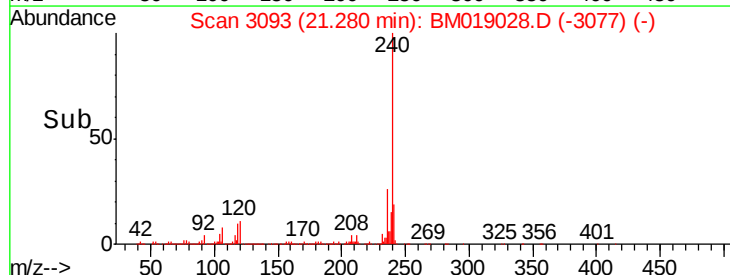
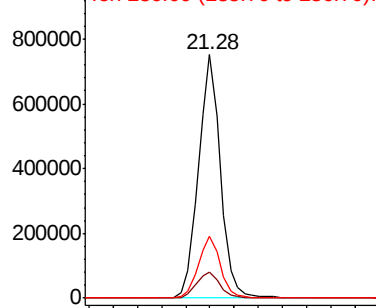


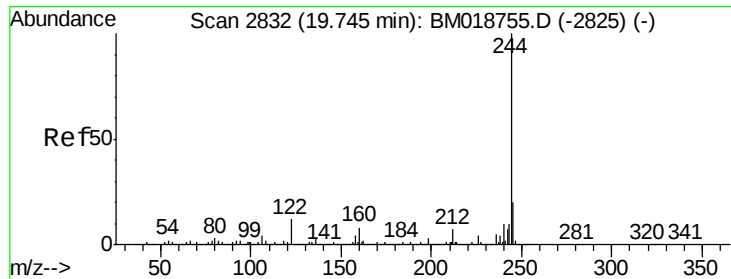
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Tgt Ion:240 Resp: 950449
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

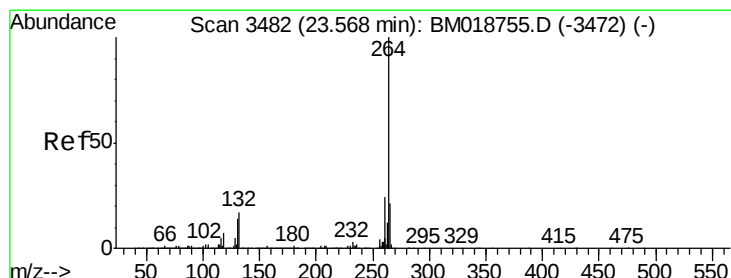
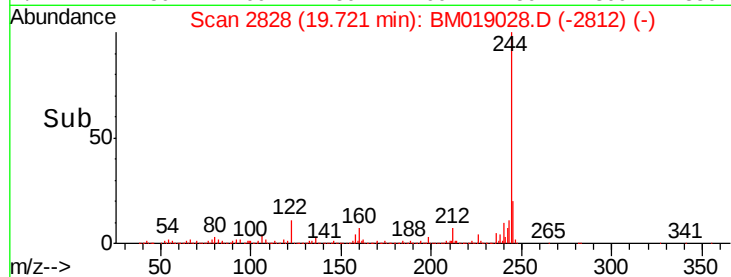
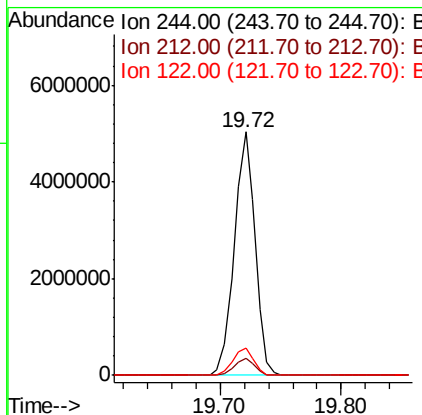
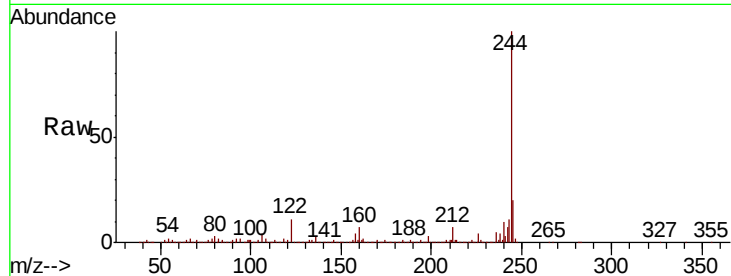




#79
 Terphenyl-d14
 Concen: 131.061 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-4-2-AB

Tot Ion:244 Resp: 6038436
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Tgt Ion:264 Resp: 894441
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.1 17.3 25.9

