

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018929.D
 Acq On : 26 Feb 2019 14:56
 Operator : JU/SJ
 Sample : K1549-04 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 26 16:05:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 26 16:00:43 2019
 Response via : Initial Calibration

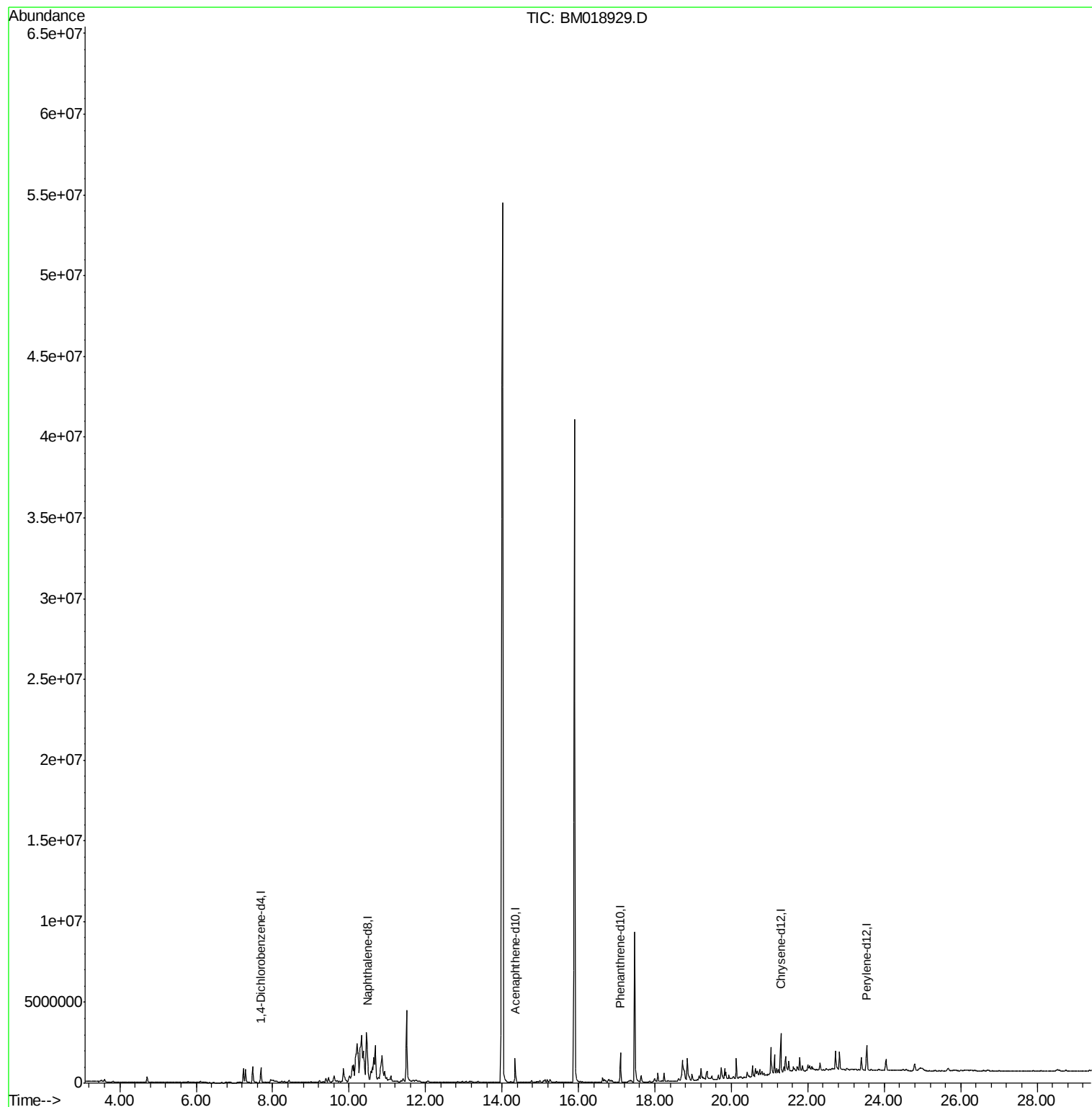
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	232624	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	900862	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	468558	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	959639	20.00	ng	0.00
76) Chrysene-d12	21.29	240	979940	20.00	ng	0.00
87) Perylene-d12	23.54	264	1083253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	10630	0.75	ng	0.00
7) Phenol-d6	6.87	99	13087	0.65	ng	0.00
23) Nitrobenzene-d5	8.87	82	10067	0.52	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	4063	0.60	ng	0.01
45) 2-Fluorobiphenyl	12.96	172	21046	0.60	ng	0.00
79) Terphenyl-d14	19.73	244	94895	2.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	1428	Below Cal	Qvalue #	1

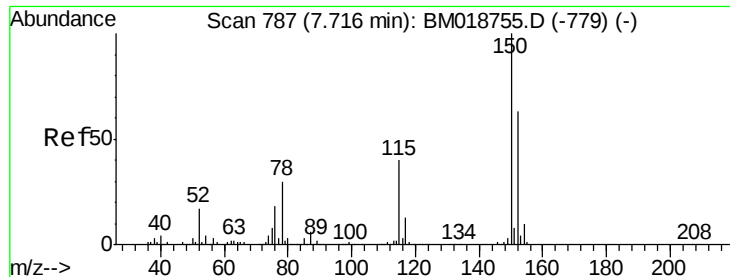
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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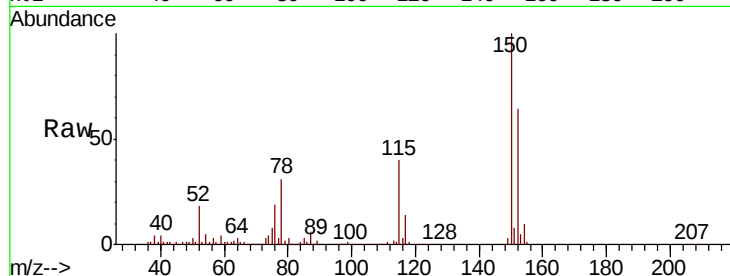


#1

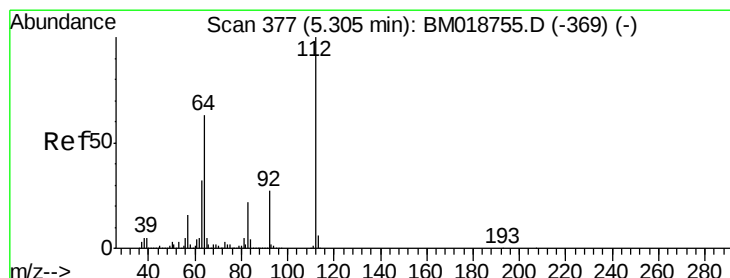
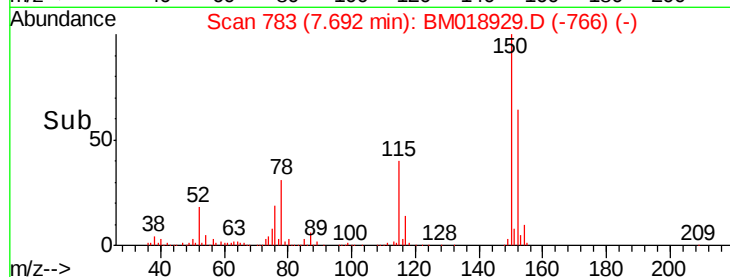
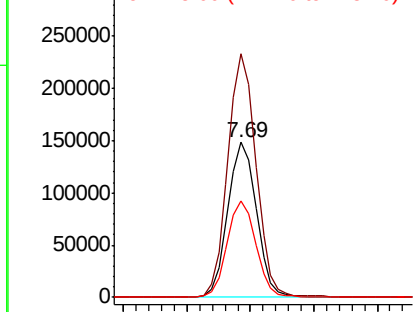
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM018929.D
Acq: 26 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 232624
Ion Ratio Lower Upper
152 100
150 156.9 127.3 190.9
115 62.2 50.8 76.2



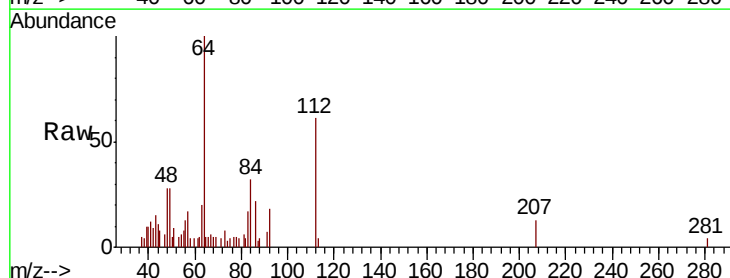
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



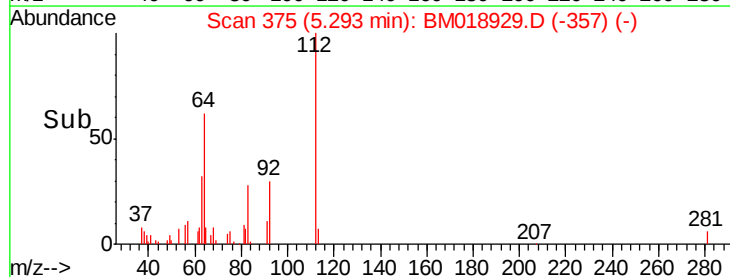
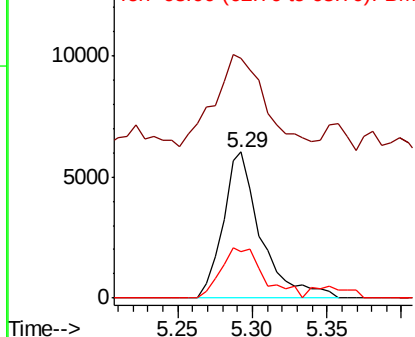
#5

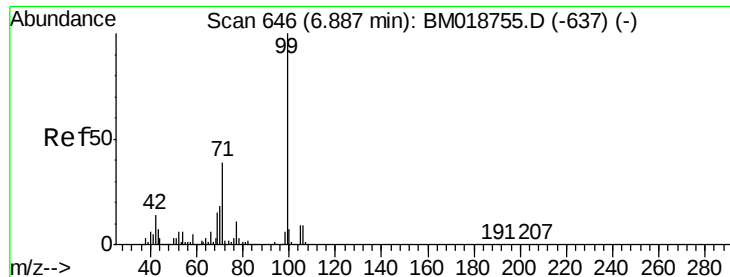
2-Fluorophenol
Concen: 0.749 ng
RT: 5.29 min Scan# 375
Delta R.T. 0.01 min
Lab File: BM018929.D
Acq: 26 Feb 2019 14:56

Tgt Ion:112 Resp: 10630
Ion Ratio Lower Upper
112 100
64 164.7 50.6 75.8#
63 32.2 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: 0.654 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

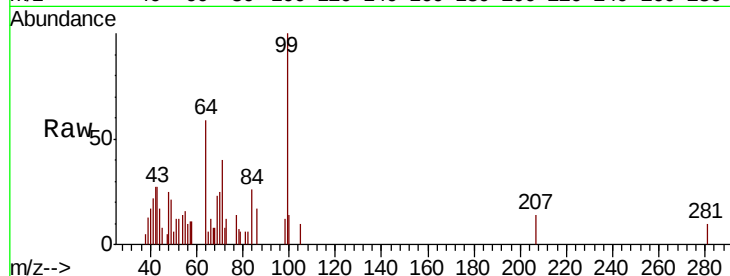
Tot Ion: 99 Resp: 13087

Ion Ratio Lower Upper

99 100

42 26.9 11.0 16.6#

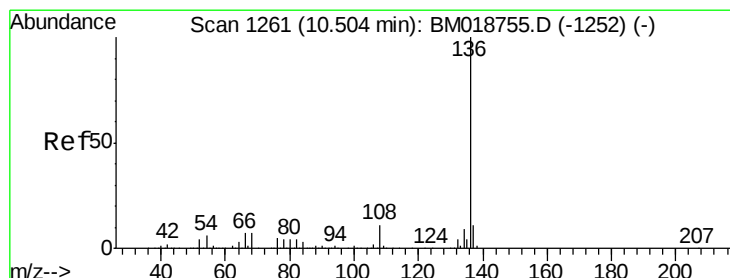
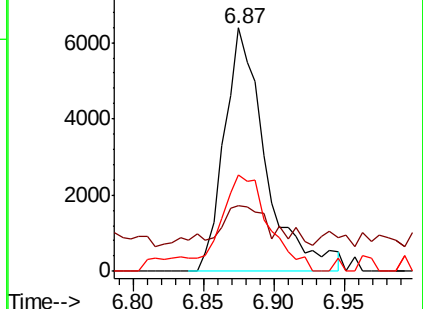
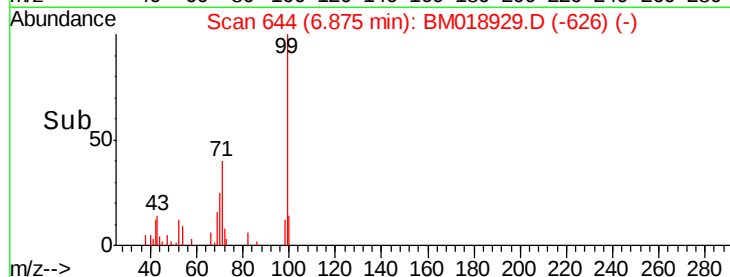
71 39.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

Tgt Ion: 136 Resp: 900862

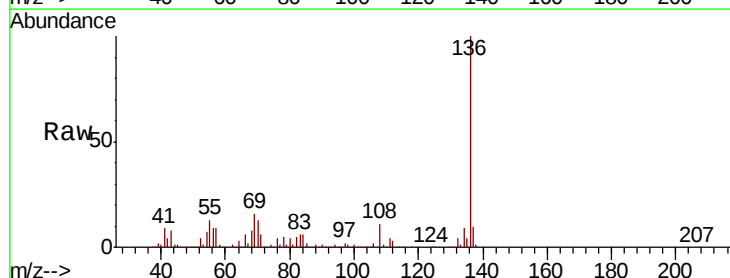
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.7 5.0 7.6

68 8.0 5.5 8.3

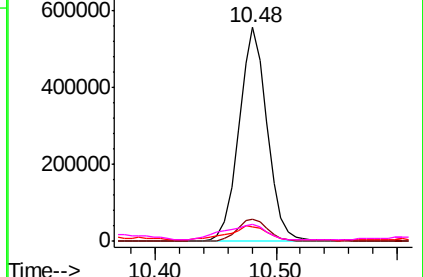
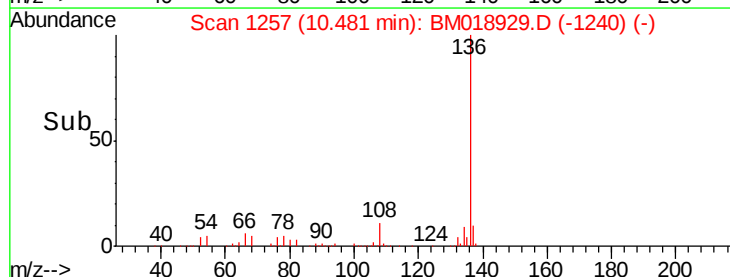


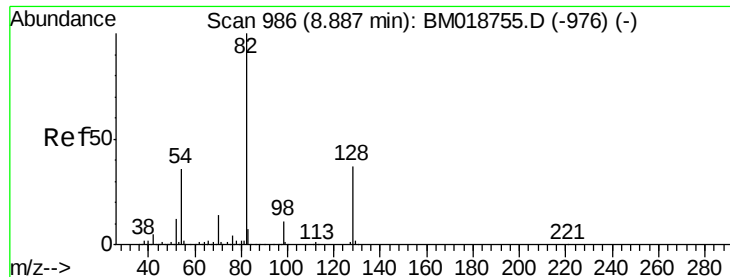
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

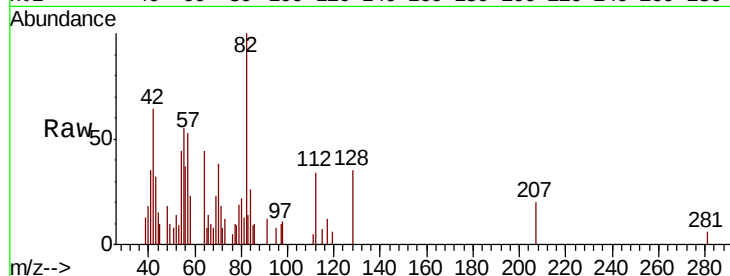




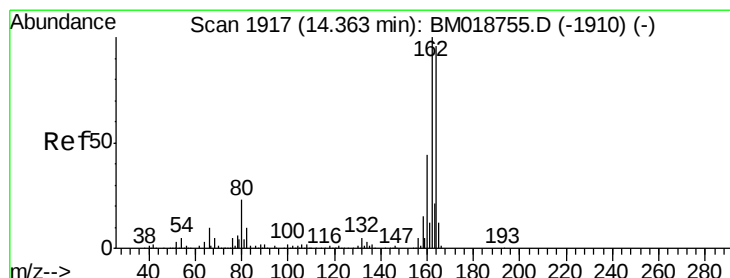
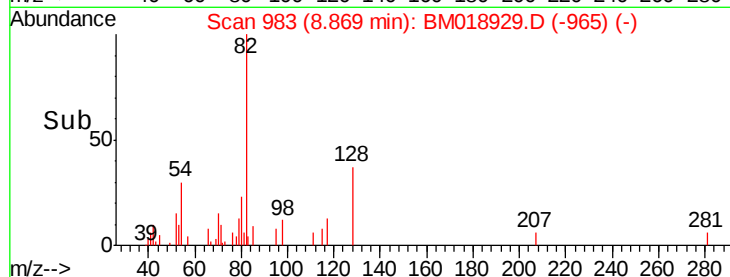
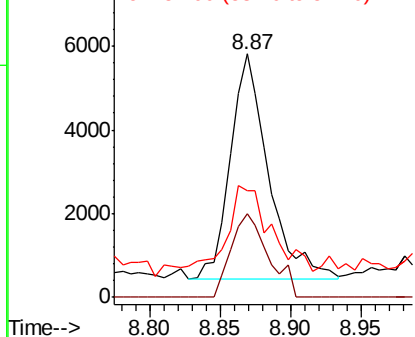
#23
 Nitrobenzene-d5
 Concen: 0.517 ng
 RT: 8.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BM018929.D
 Acq: 26 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	82	Resp:	10067
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.9	44.9
54	43.7	29.1	43.7

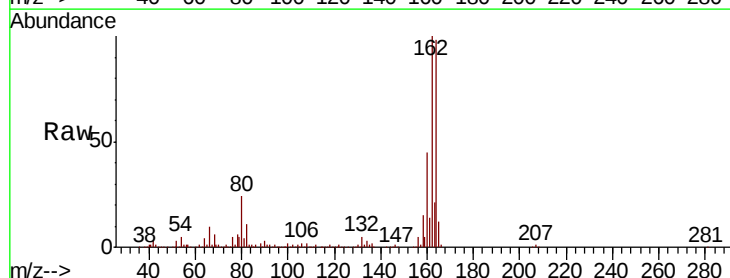


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

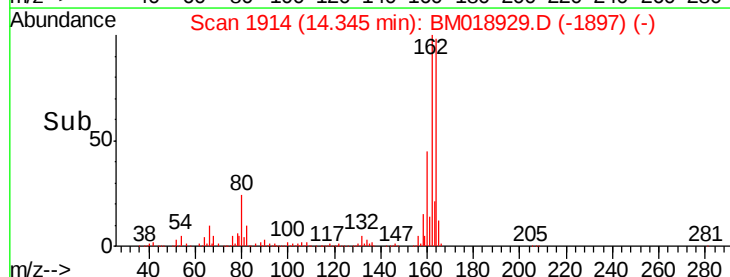
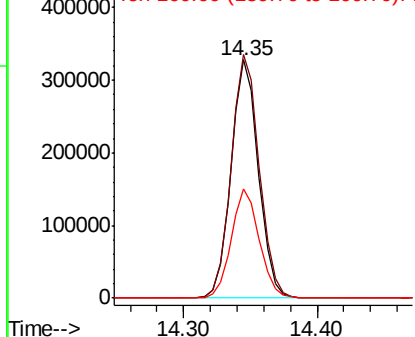


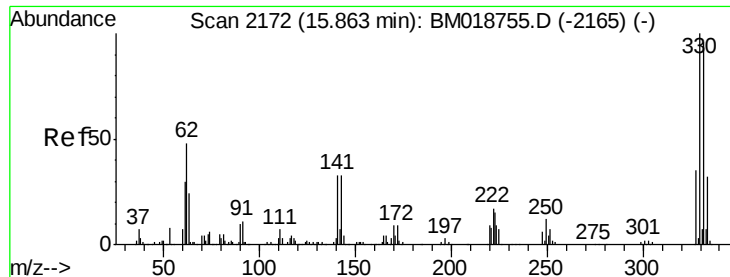
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BM018929.D
 Acq: 26 Feb 2019 14:56

Tgt Ion:	164	Resp:	468558
Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.4	125.0
160	46.1	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) (-)

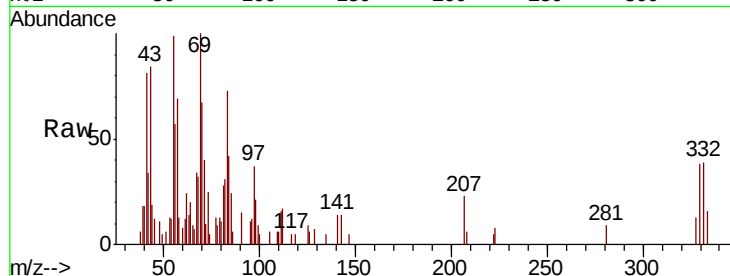




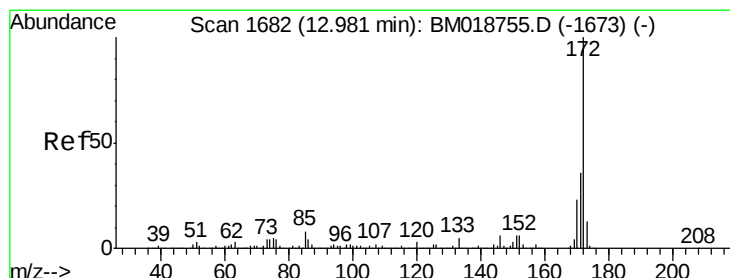
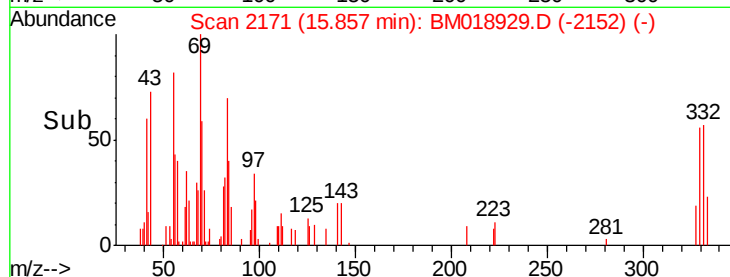
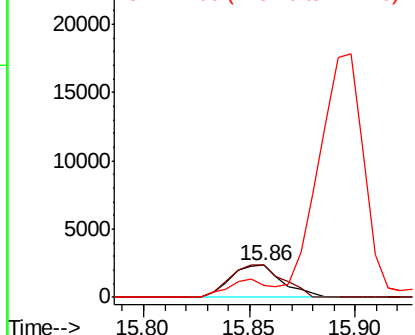
#42
 2,4,6-Tribromophenol
 Concen: 0.602 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BM018929.D
 Acq: 26 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 4063
 Ion Ratio Lower Upper
 330 100
 332 102.0 76.9 115.3
 141 43.8 28.7 43.1#

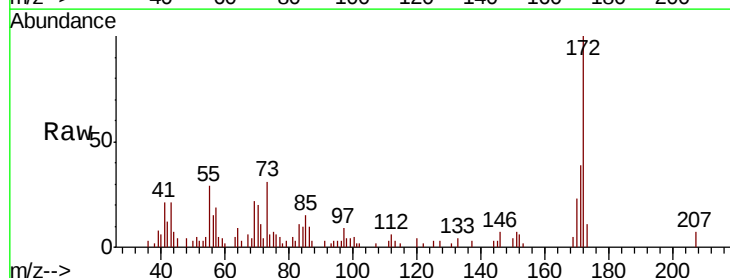


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

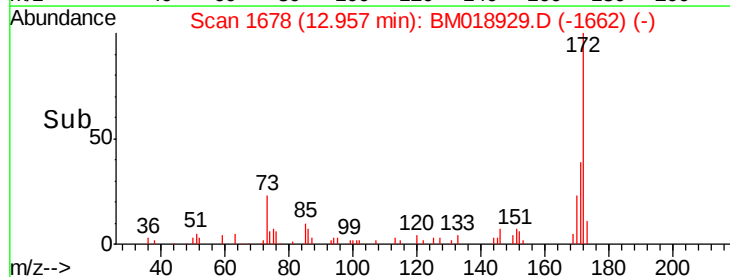
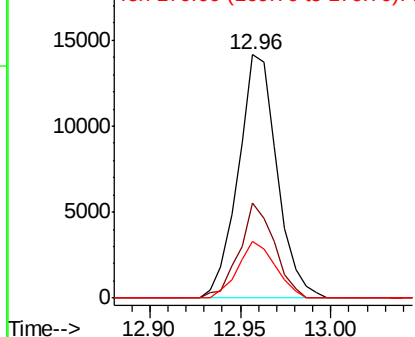


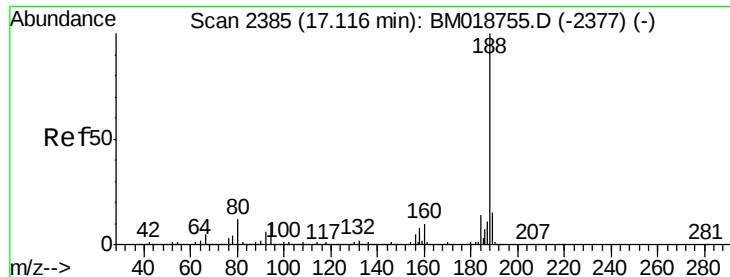
#45
 2-Fluorobiphenyl
 Concen: 0.596 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018929.D
 Acq: 26 Feb 2019 14:56

Tgt Ion:172 Resp: 21046
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.0 43.6
 170 23.4 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: 17.10 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

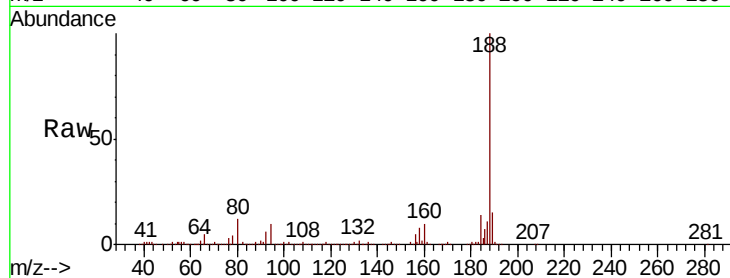
Tot Ion:188 Resp: 959639

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

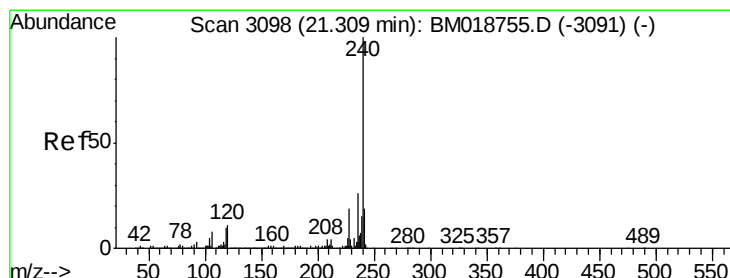
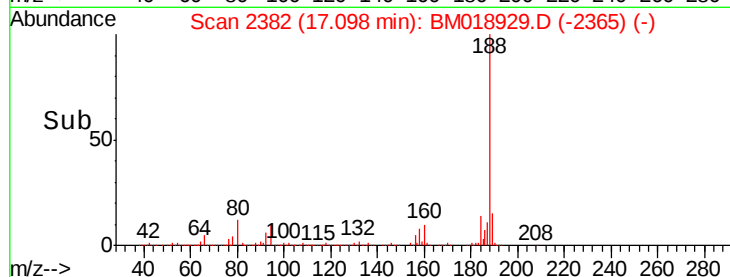
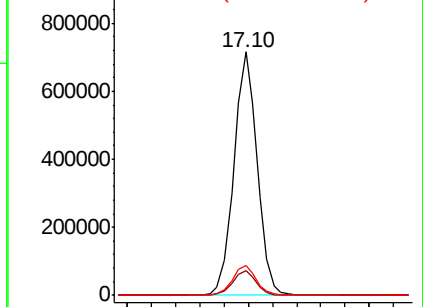
80 12.4 9.7 14.5



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: 21.29 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

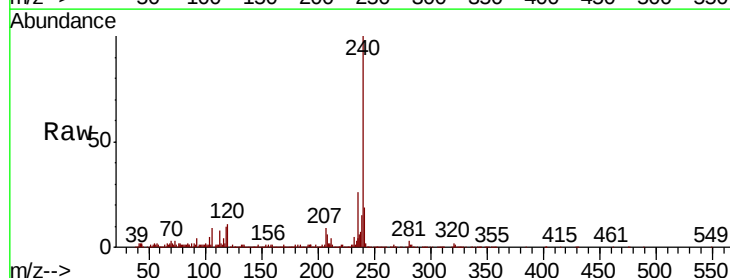
Tgt Ion:240 Resp: 979940

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

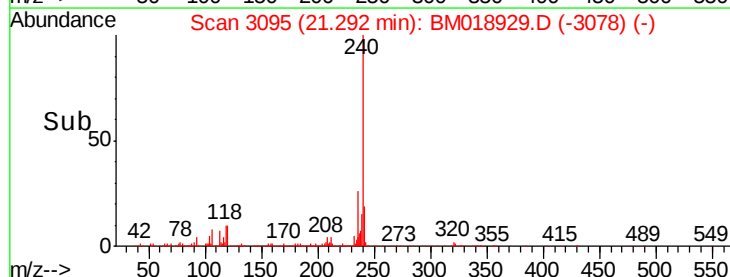
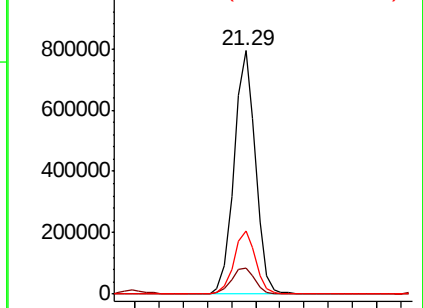
236 26.0 20.9 31.3

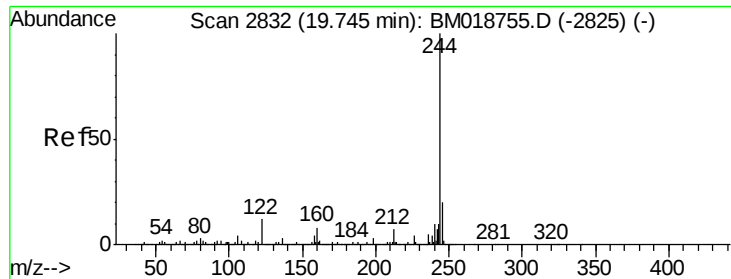


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.998 ng

RT: 19.73 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

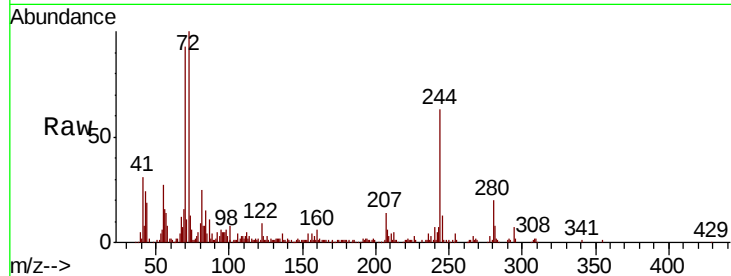
Tot Ion:244 Resp: 94895

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 14.5 9.3 13.9#

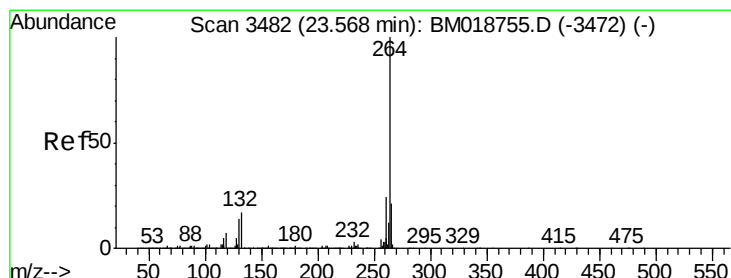
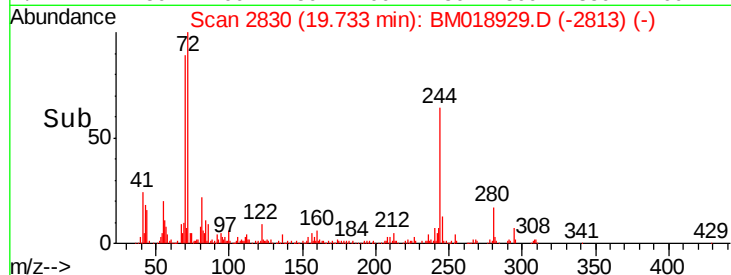
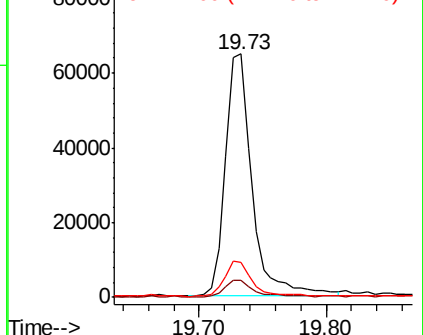


Abundance

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: 23.54 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BM018929.D

Acq: 26 Feb 2019 14:56

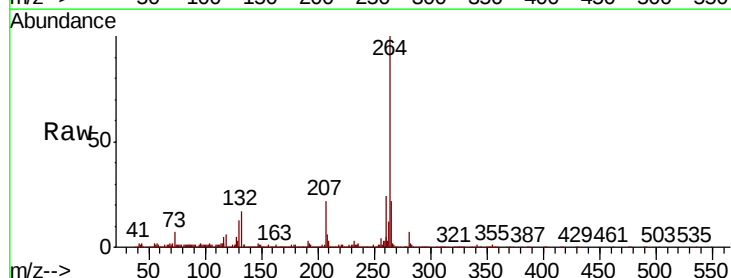
Tgt Ion:264 Resp: 1083253

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.5 17.3 25.9



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

