

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018979.D
 Acq On : 28 Feb 2019 21:02
 Operator : JU/SJ
 Sample : K1349-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-022719-B

Quant Time: Mar 01 01:52:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	254547	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1050962	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	606765	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1352828	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1092069	20.00	ng	-0.02
87) Perylene-d12	23.53	264	994225	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2341958	150.75	ng	-0.02
7) Phenol-d6	6.87	99	2989757	136.61	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2469602	108.65	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1504306	171.99	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4788090	104.75	ng	-0.03
79) Terphenyl-d14	19.73	244	7722943	145.88	ng	-0.02

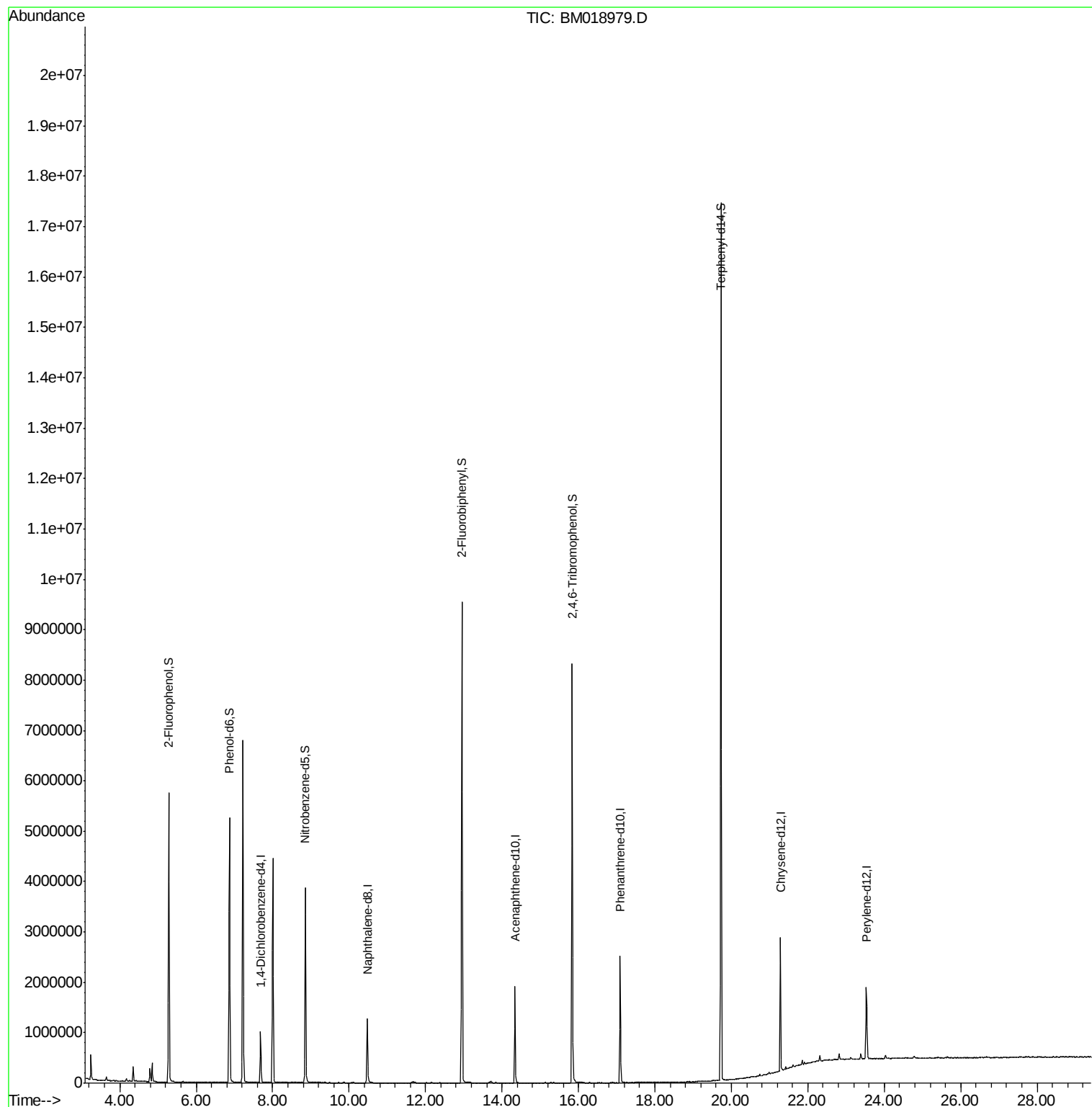
Target Compounds Qvalue

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

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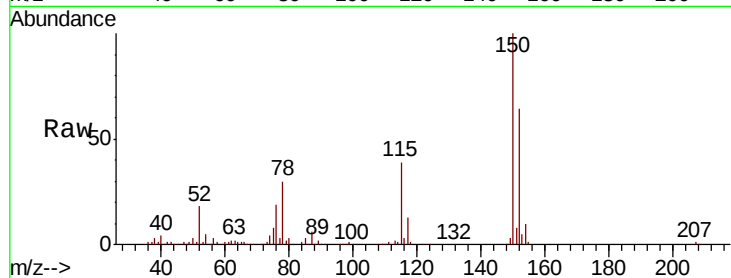


#1

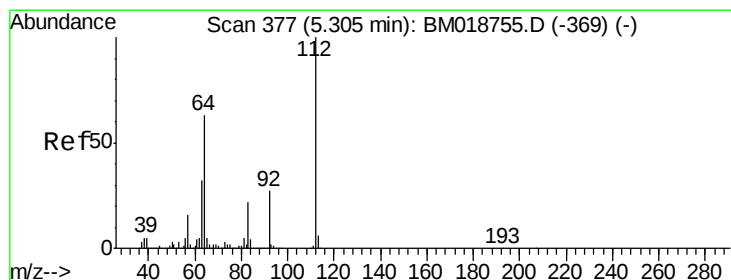
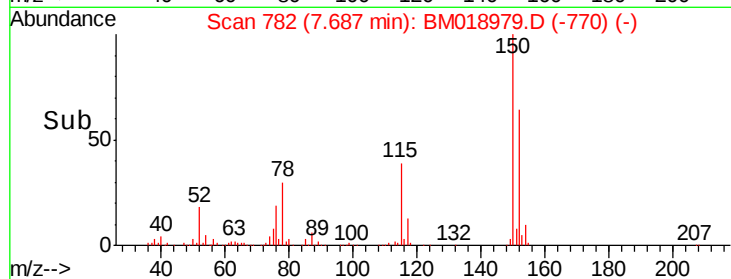
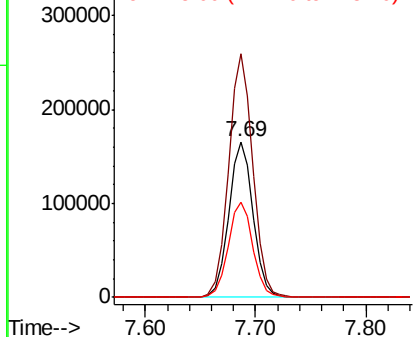
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

Instrument :
BNA_M
ClientSampleId :
OR-03-022719-B

Tot Ion:152 Resp: 254547
Ion Ratio Lower Upper
152 100
150 156.6 127.3 190.9
115 61.0 50.8 76.2



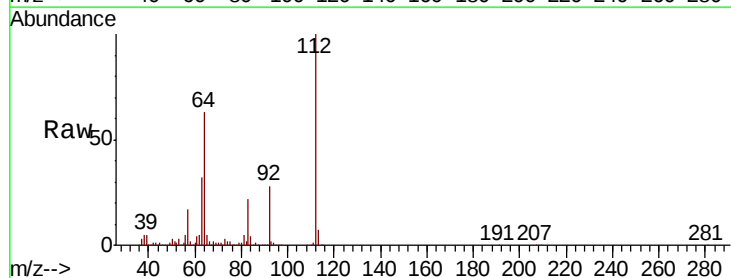
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



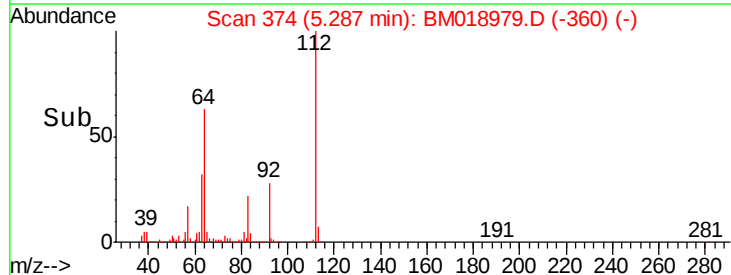
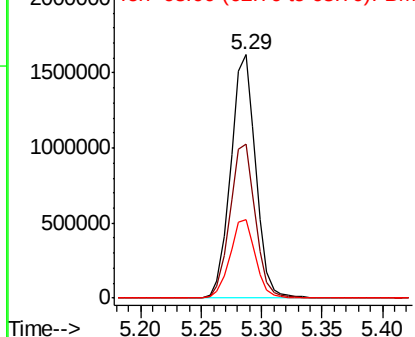
#5

2-Fluorophenol
Concen: 150.748 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

Tgt Ion:112 Resp: 2341958
Ion Ratio Lower Upper
112 100
64 63.2 50.6 75.8
63 32.4 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: 136.607 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Instrument :

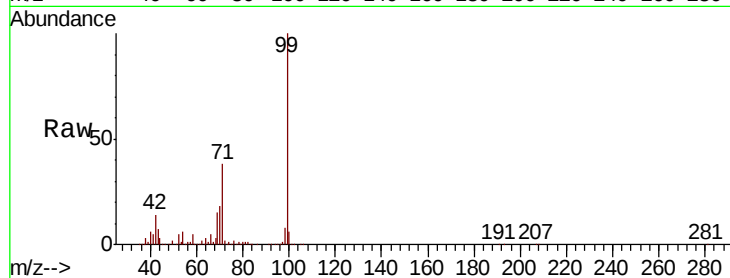
BNA_M

ClientSampleId :

OR-03-022719-B

Tot Ion: 99 Resp: 2989757

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	38.1	31.3	46.9



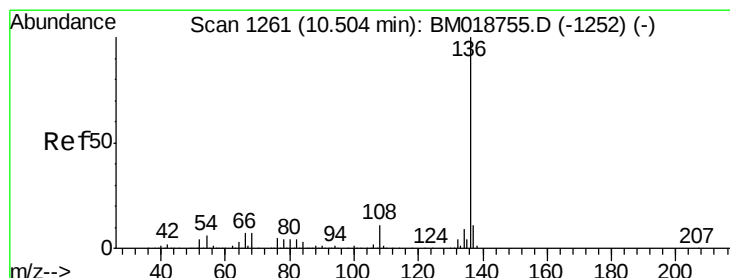
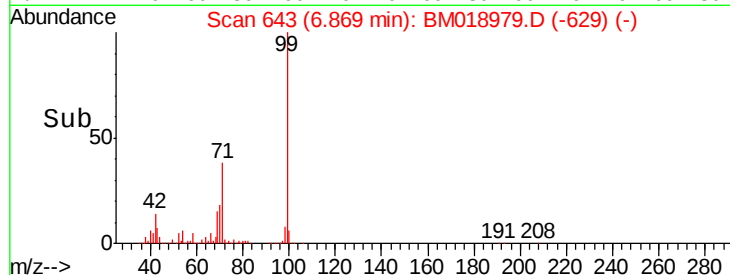
Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0

6.87

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

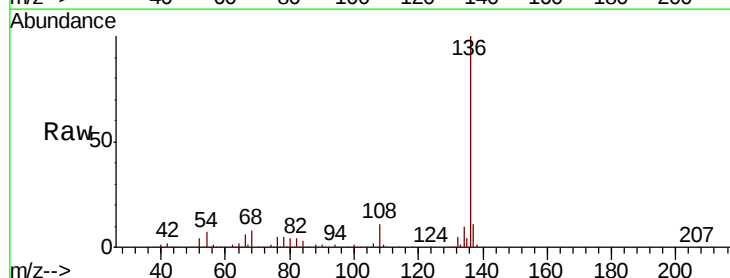
Delta R.T. -0.03 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Tgt Ion: 136 Resp: 1050962

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.0	7.6
68	7.8	5.5	8.3



Abundance Ion 136.00 (135.70 to 136.70): E

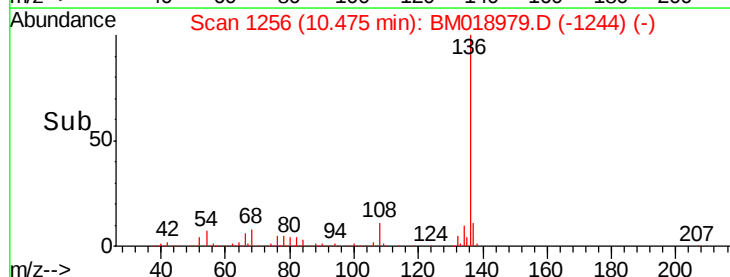
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

10.47

Time-->

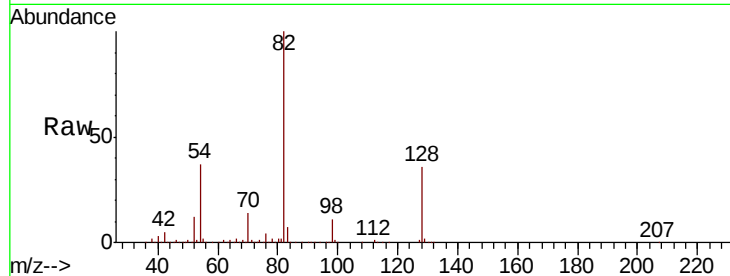




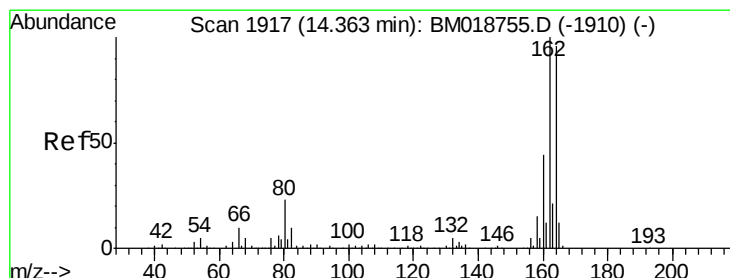
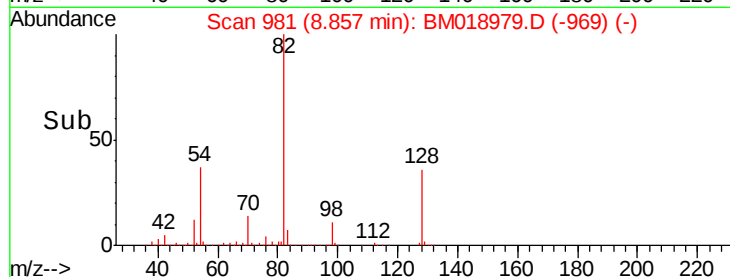
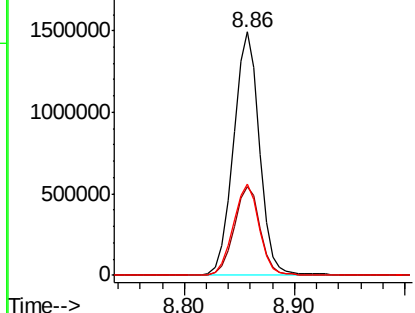
#23
Nitrobenzene-d5
Concen: 108.654 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

Instrument :
BNA_M
ClientSampleId :
OR-03-022719-B

Tot Ion: 82 Resp: 2469602
Ion Ratio Lower Upper
82 100
128 36.4 29.9 44.9
54 37.3 29.1 43.7

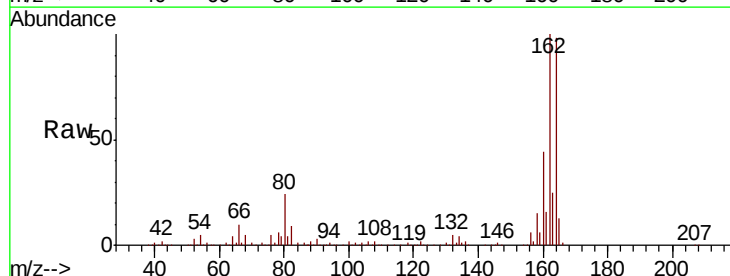


Abundance Ion 82.00 (81.70 to 82.70): BM018979.D (-969) (-)
Ion 128.00 (127.70 to 128.70): BM018979.D (-969) (-)
Ion 54.00 (53.70 to 54.70): BM018979.D (-969) (-)

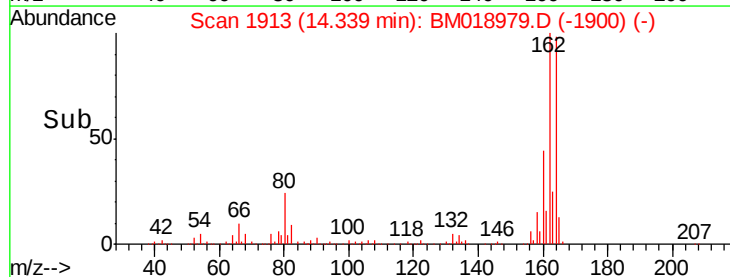
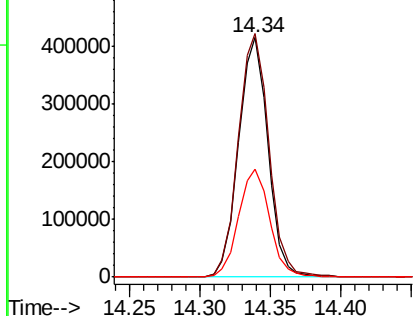


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

Tgt Ion:164 Resp: 606765
Ion Ratio Lower Upper
164 100
162 101.8 83.4 125.0
160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018979.D (-1900) (-)
Ion 162.00 (161.70 to 162.70): BM018979.D (-1900) (-)
Ion 160.00 (159.70 to 160.70): BM018979.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 171.992 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Instrument :

BNA_M

ClientSampleId :

OR-03-022719-B

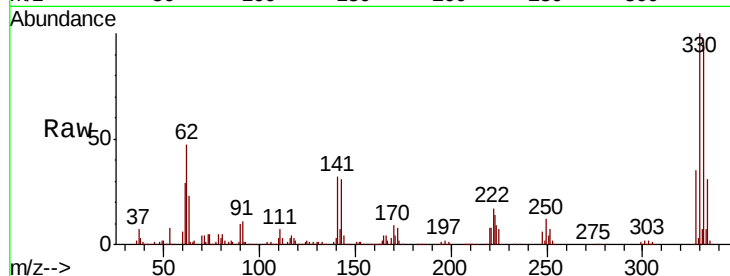
Tot Ion:330 Resp: 1504306

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

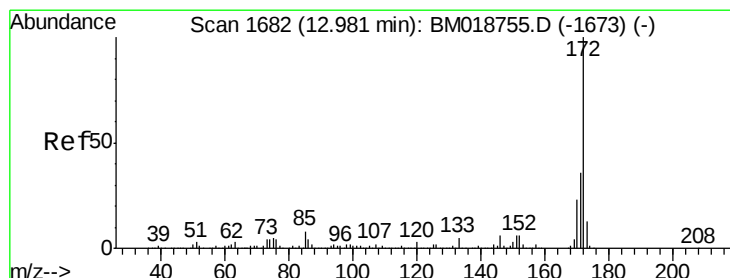
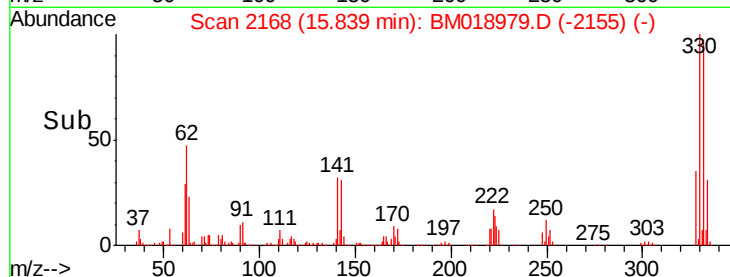
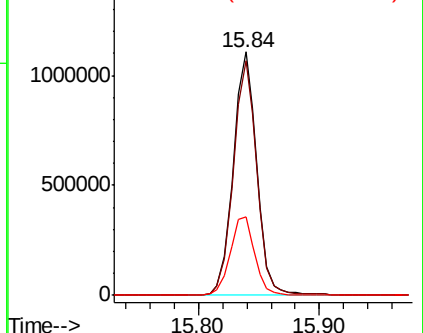
141 34.0 28.7 43.1



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: 104.753 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

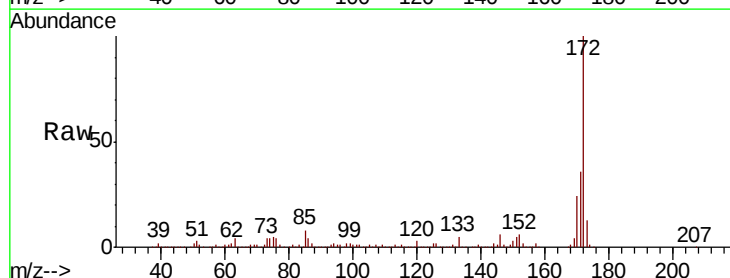
Tgt Ion:172 Resp: 4788090

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

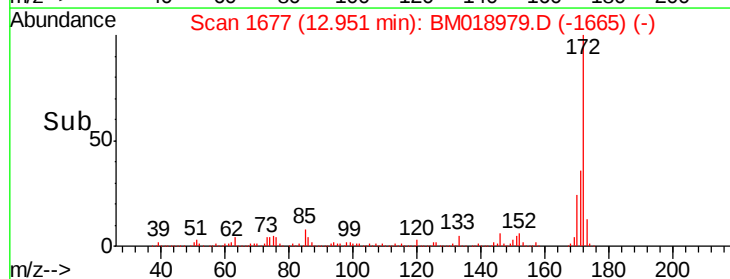
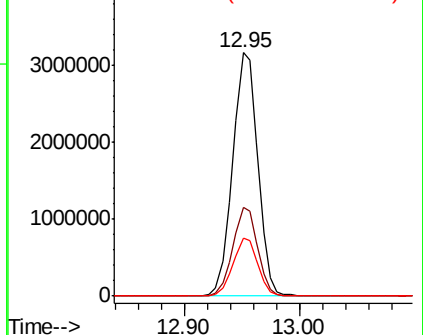
170 23.6 18.6 28.0

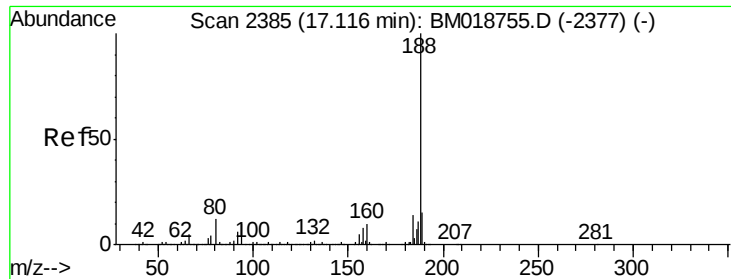


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2381

Delta R.T. -0.02 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Instrument :

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ClientSampleId :

OR-03-022719-B

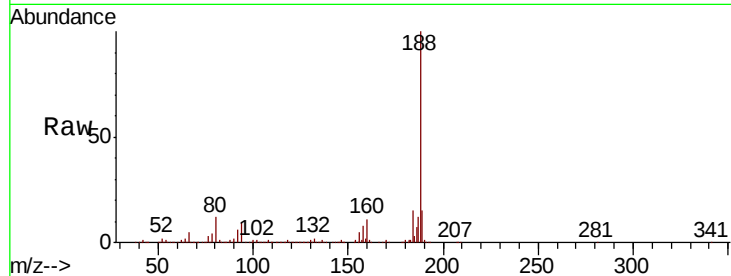
Tot Ion:188 Resp: 1352828

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

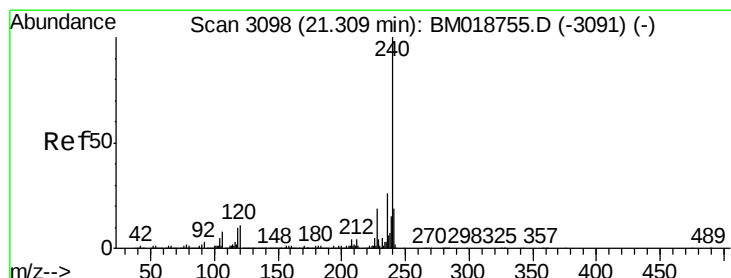
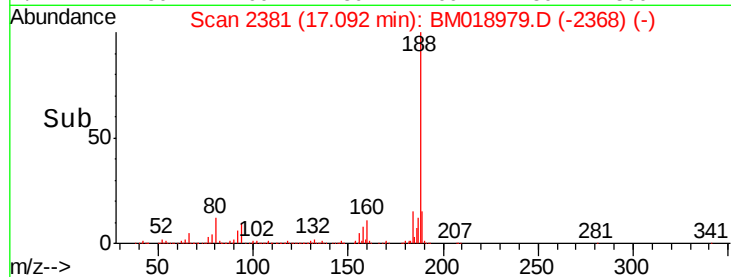
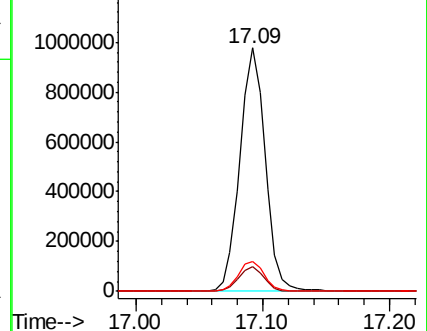
80 12.4 9.7 14.5



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# 3094

Delta R.T. -0.02 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

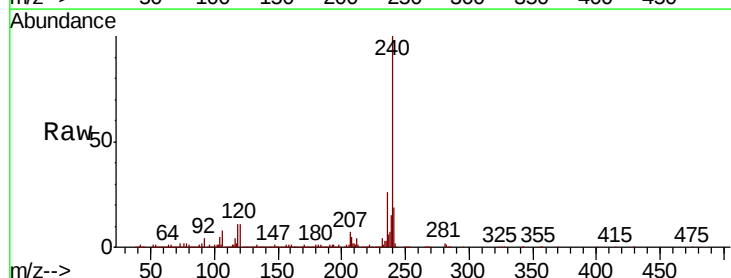
Tgt Ion:240 Resp: 1092069

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

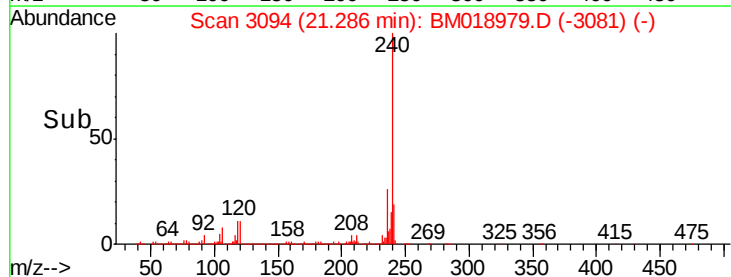
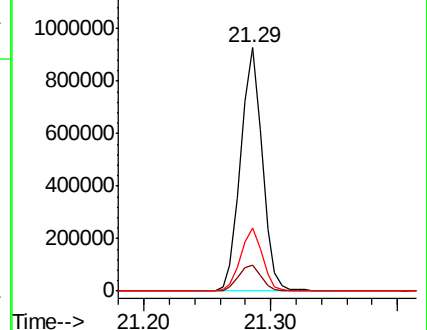
236 25.9 20.9 31.3

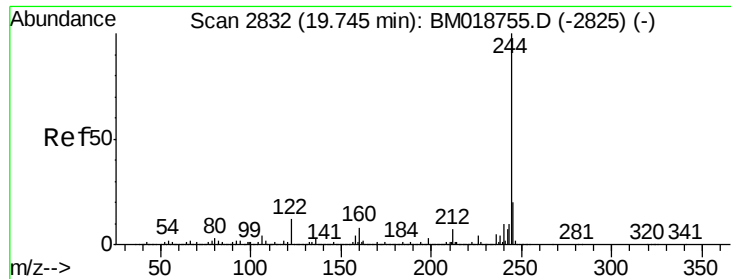


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 145.885 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Instrument :

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OR-03-022719-B

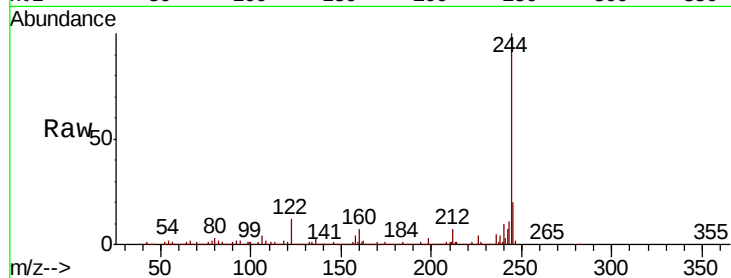
Tot Ion:244 Resp: 7722943

Ion Ratio Lower Upper

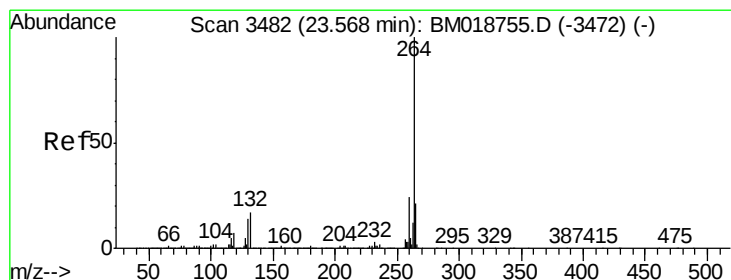
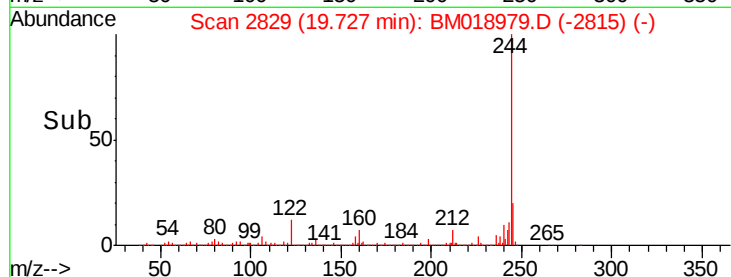
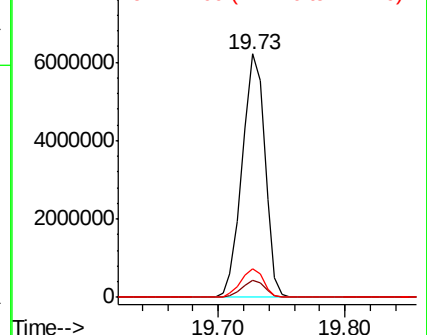
244 100

212 6.9 5.6 8.4

122 11.7 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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

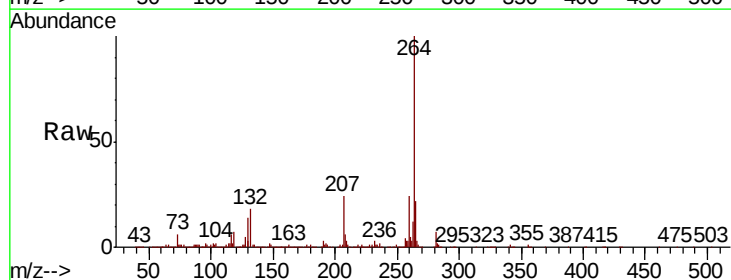
Tgt Ion:264 Resp: 994225

Ion Ratio Lower Upper

264 100

260 23.8 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

