

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 01:14:47 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

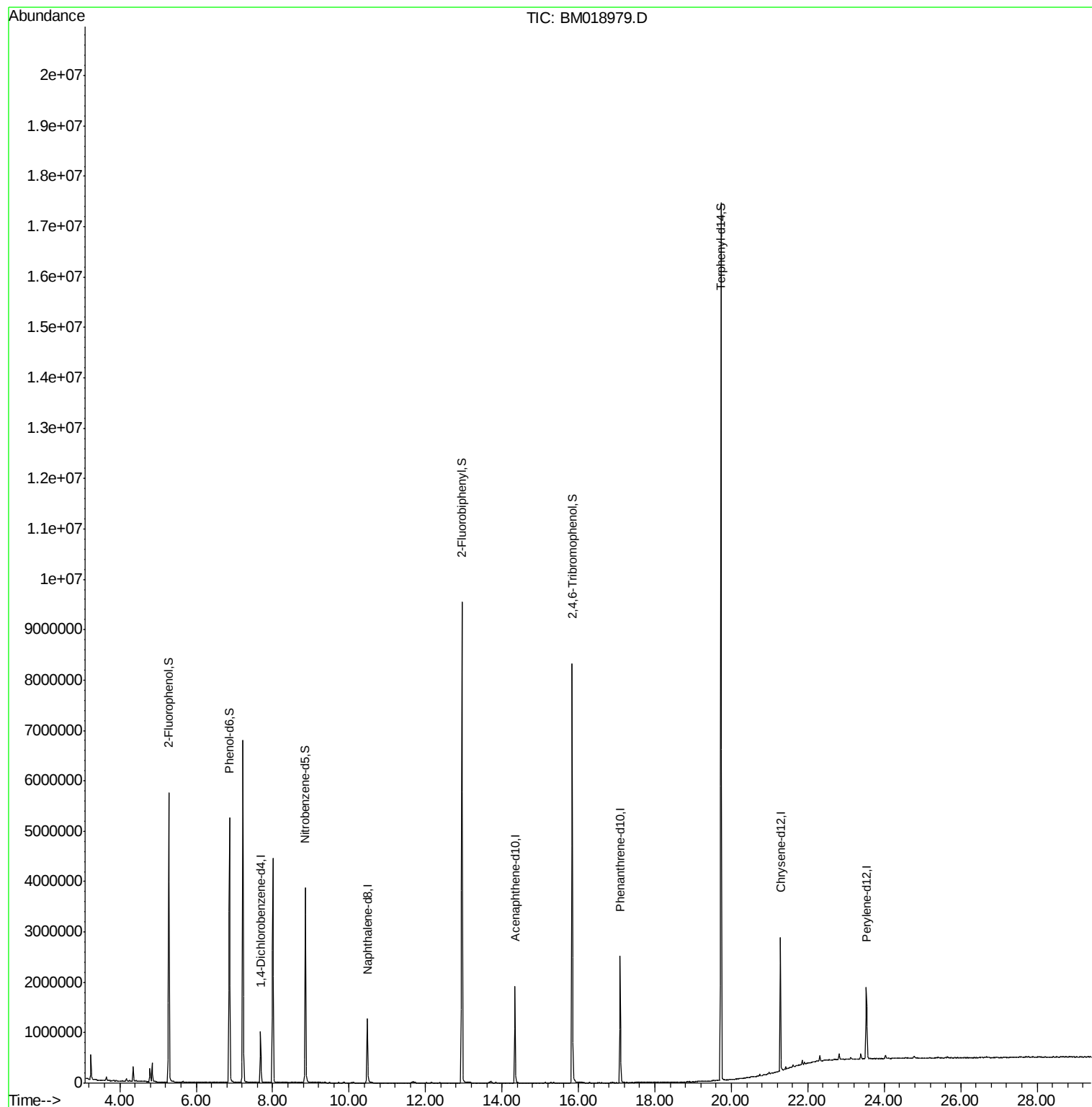
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	254547	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1050962	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	606765	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1352828	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	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						
9) Benzaldehyde	6.87	77	7239	Below Cal	Qvalue #	16

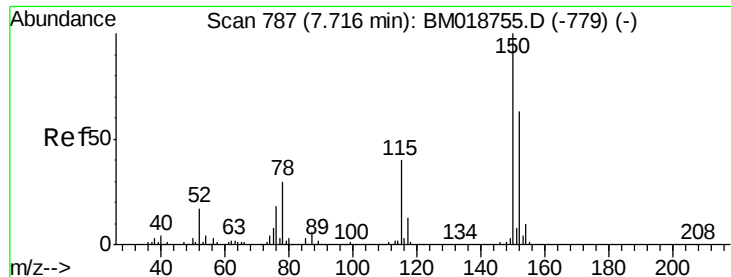
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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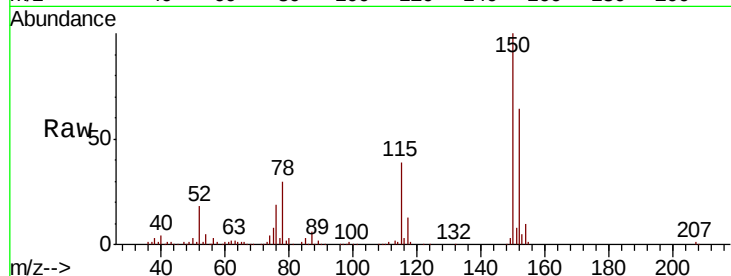


#1

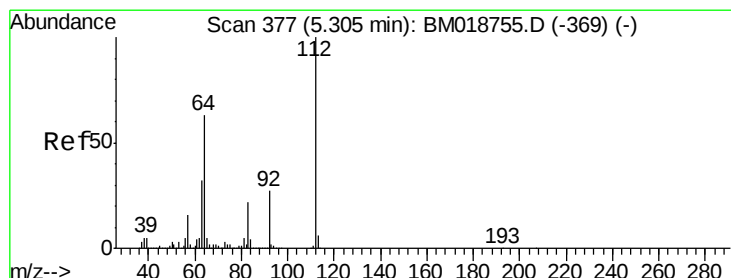
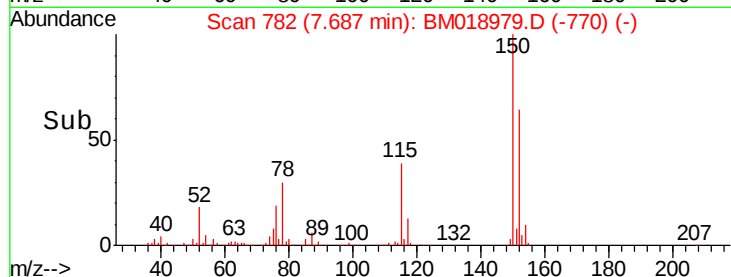
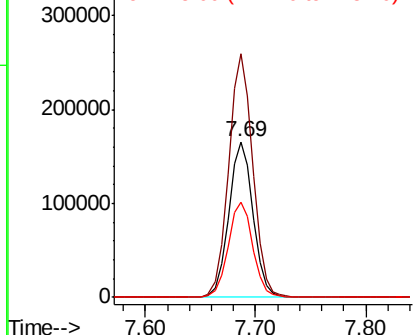
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.3	190.9
115	61.0	50.8	76.2



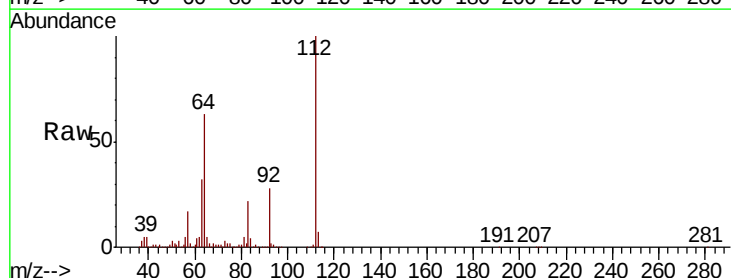
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



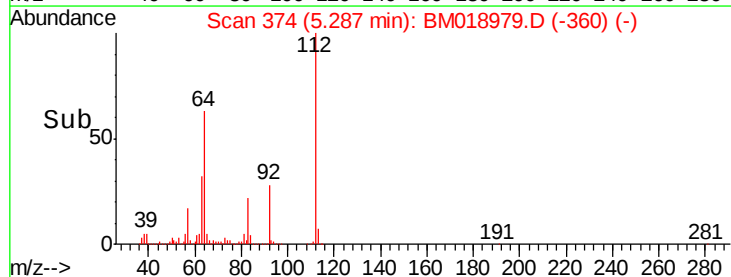
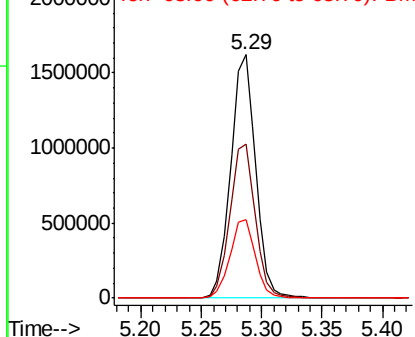
#5

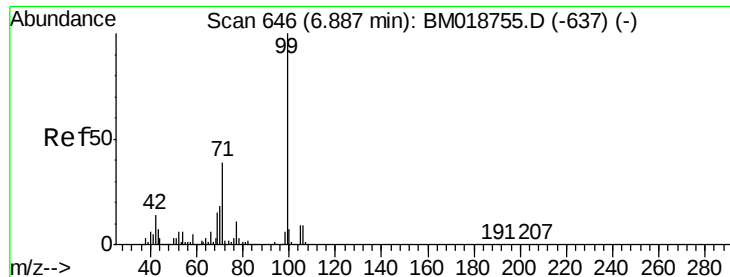
2-Fluorophenol
Concen: 150.748 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018979.D
Acq: 28 Feb 2019 21:02

Tgt Ion	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

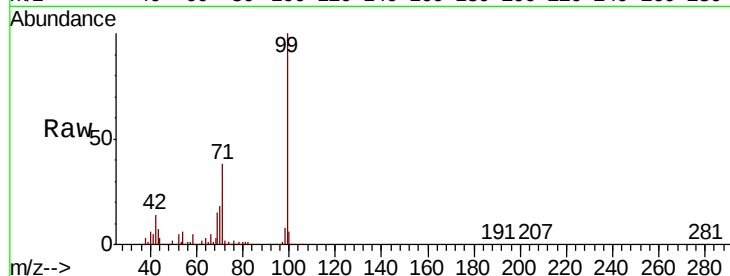
Tgt Ion: 99 Resp: 2989757

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.1 31.3 46.9

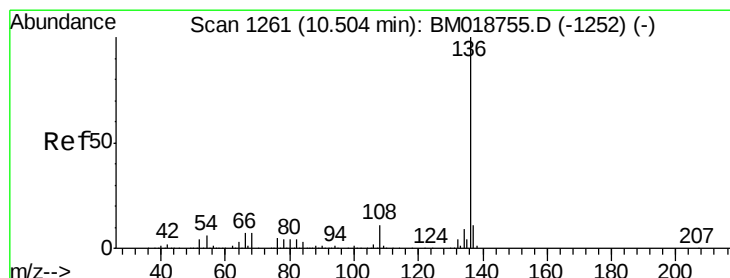
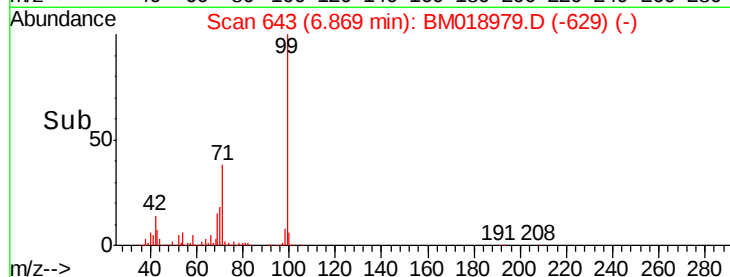
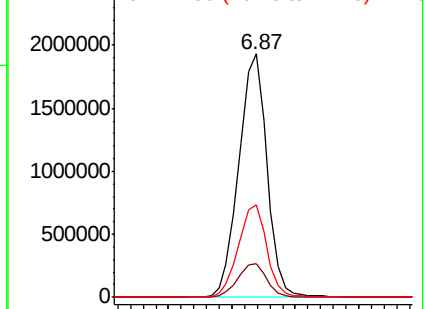


Abundance

Ion 99.00 (98.70 to 99.70): 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: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018979.D

Acq: 28 Feb 2019 21:02

Tgt Ion: 136 Resp: 1050962

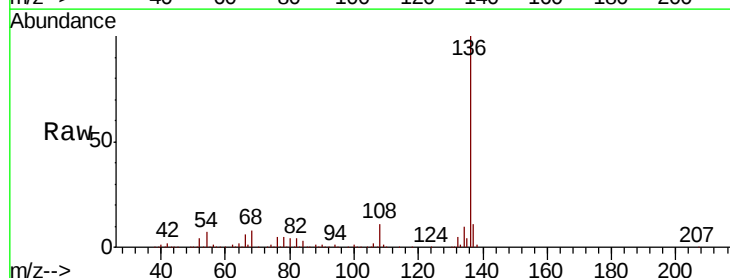
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.2 5.0 7.6

68 7.8 5.5 8.3



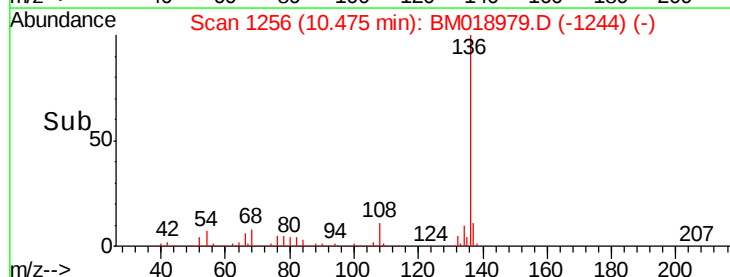
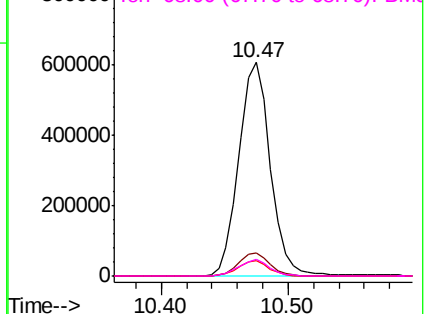
Abundance

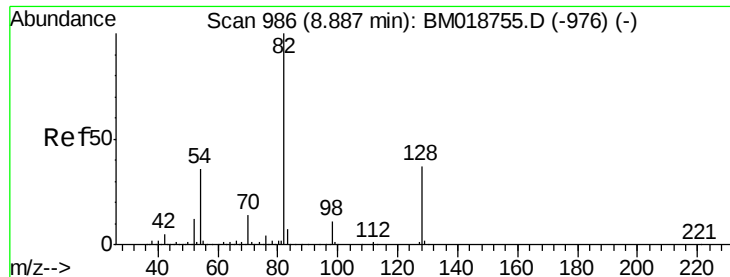
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

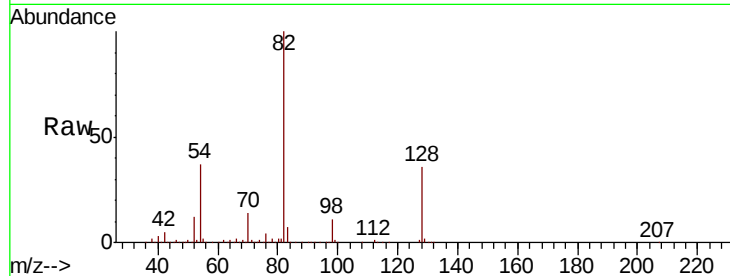




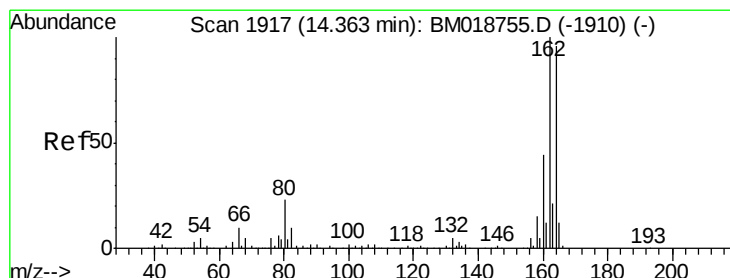
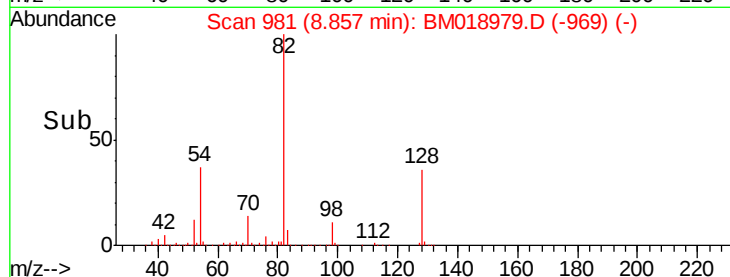
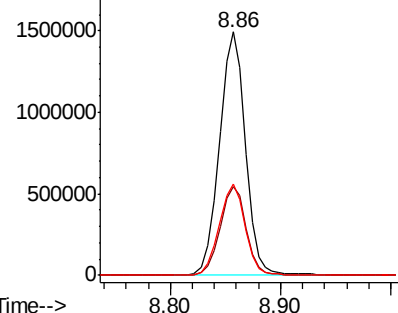
#23
 Nitrobenzene-d5
 Concen: 108.654 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018979.D
 Acq: 28 Feb 2019 21:02

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

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

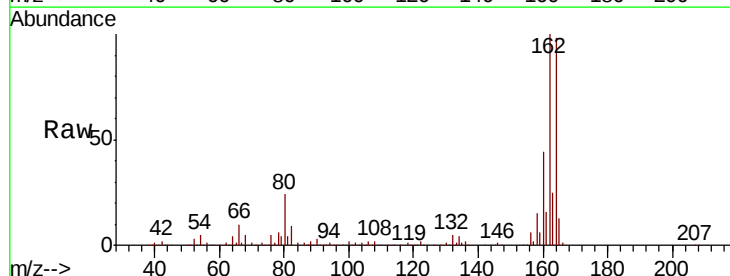


Abundance Ion 82.00 (81.70 to 82.70): BM018979.D (-969) (-)
 Ion 128.00 (127.70 to 128.70): BM018979.D (-969) (-)
 Ion 54.00 (53.70 to 54.70): BM018979.D (-969) (-)

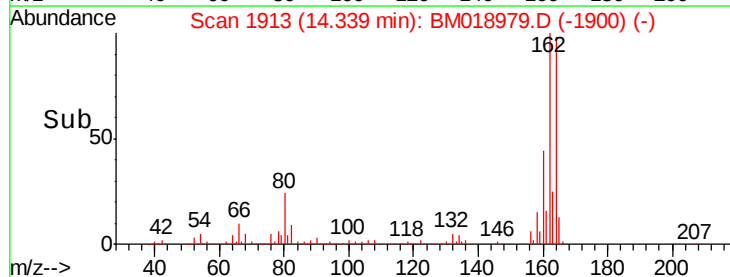
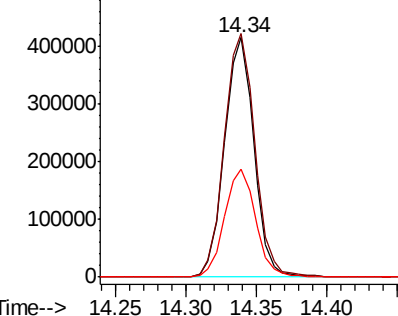


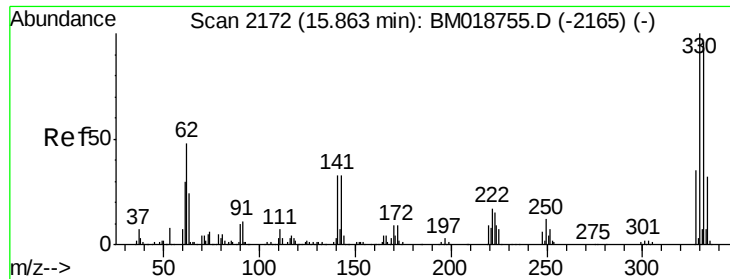
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018979.D
 Acq: 28 Feb 2019 21:02

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) (-)

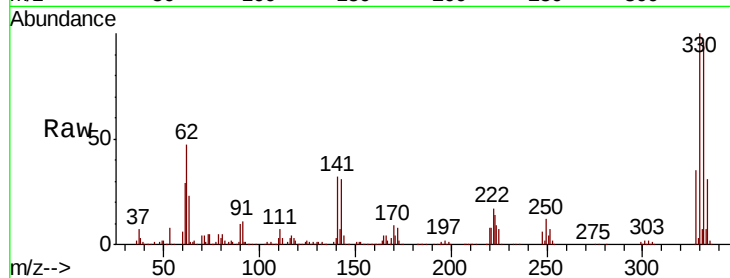




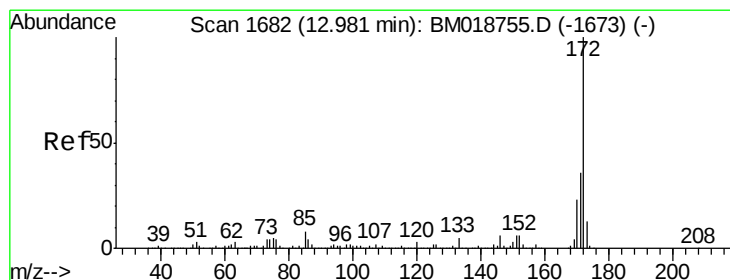
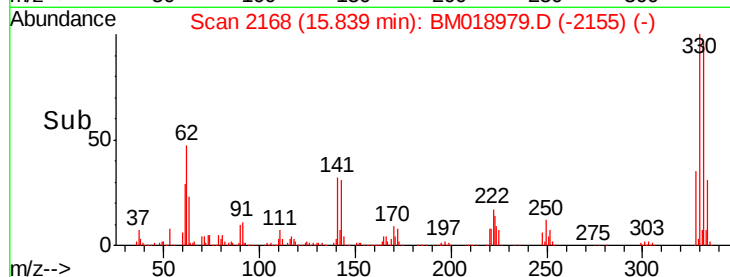
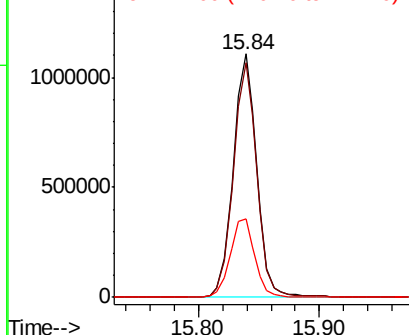
#42
 2,4,6-Tribromophenol
 Concen: 171.992 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018979.D
 Acq: 28 Feb 2019 21:02

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

Tgt Ion:330 Resp: 1504306
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 34.0 28.7 43.1

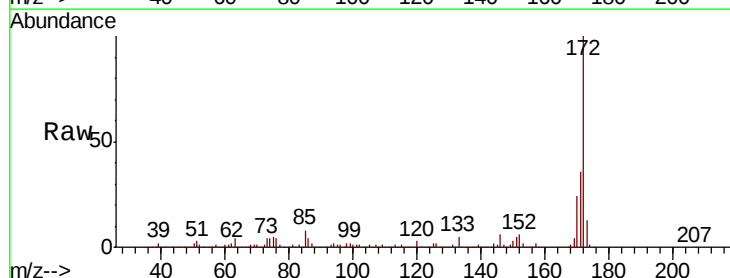


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

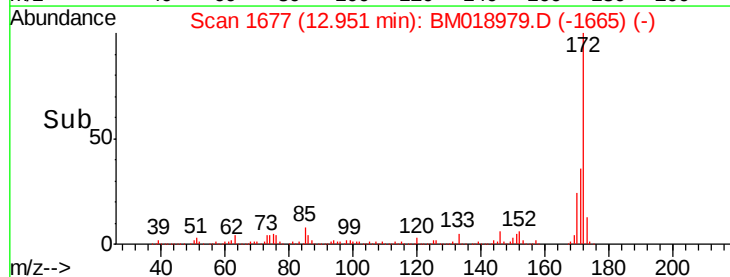
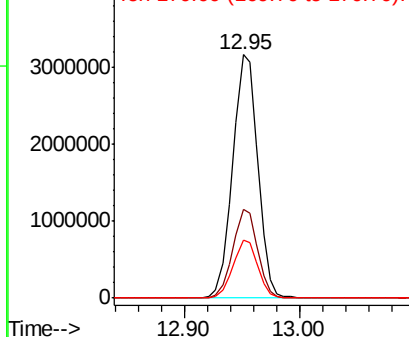


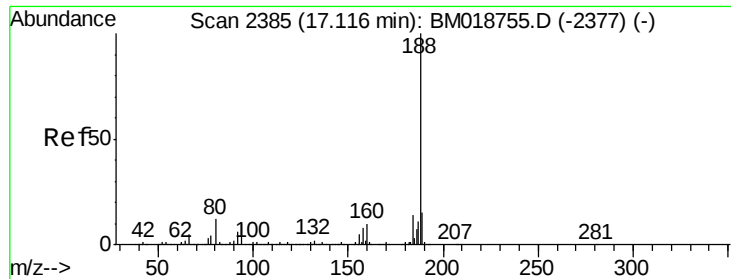
#45
 2-Fluorobiphenyl
 Concen: 104.753 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018979.D
 Acq: 28 Feb 2019 21:02

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 :

BNA_M

ClientSampleId :

OR-03-022719-B

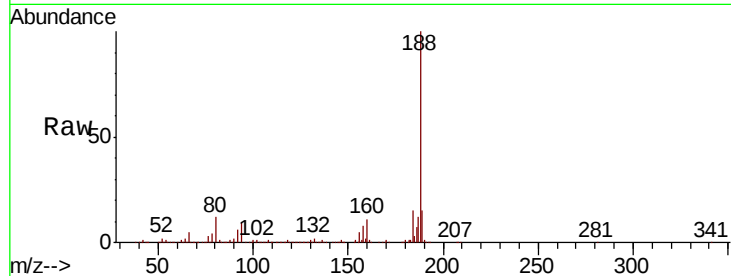
Tgt Ion:188 Resp: 1352828

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

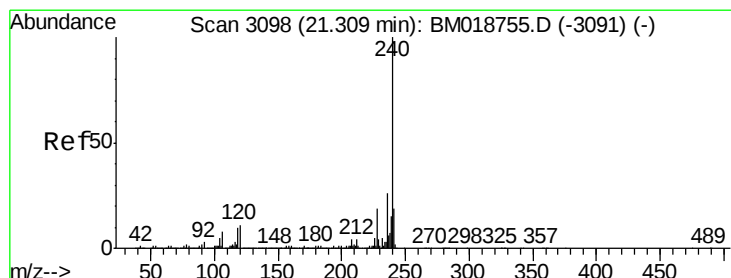
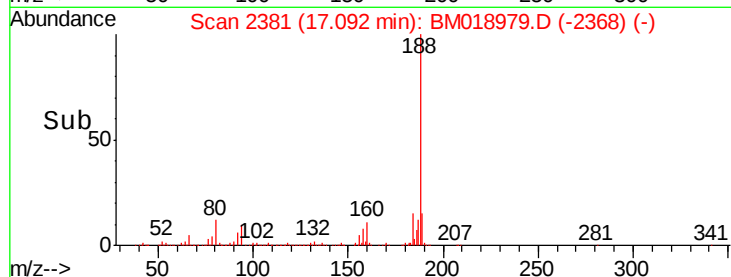
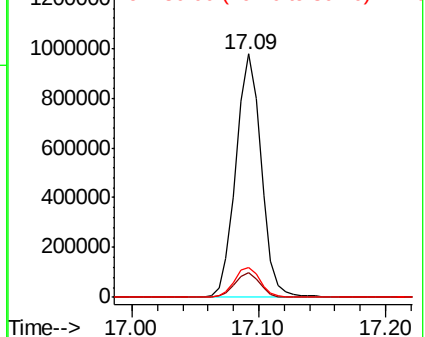
80 12.4 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#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

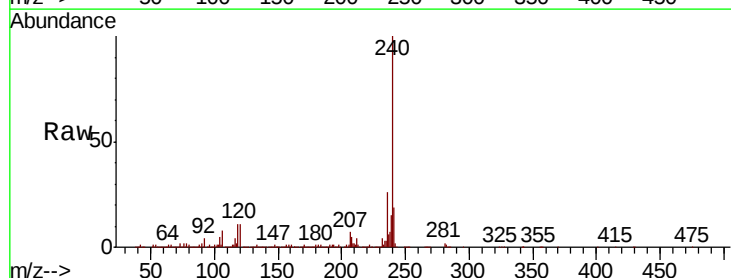
Tgt Ion:240 Resp: 1092069

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

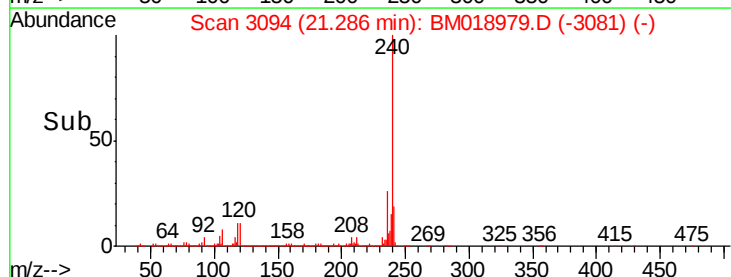
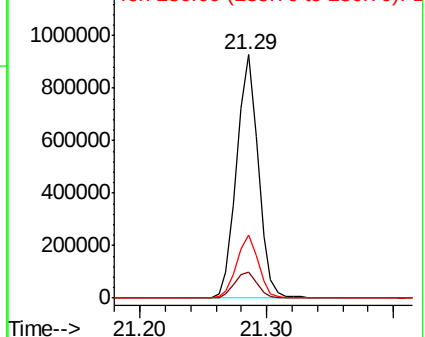
236 25.9 20.9 31.3

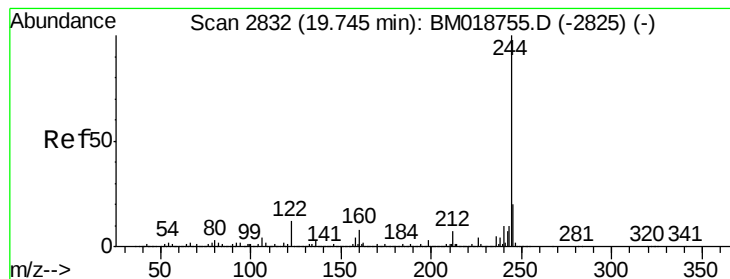


Abundance Ion 240.00 (239.70 to 240.70): E

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

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OR-03-022719-B

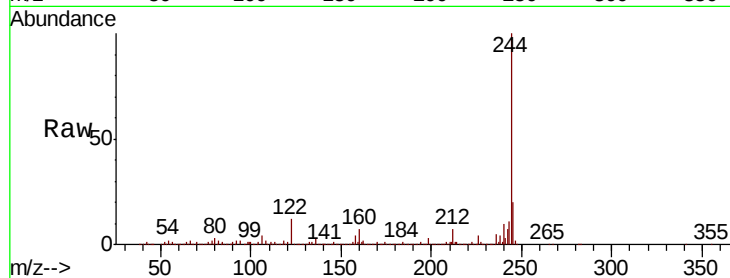
Tgt Ion:244 Resp: 7722943

Ion Ratio Lower Upper

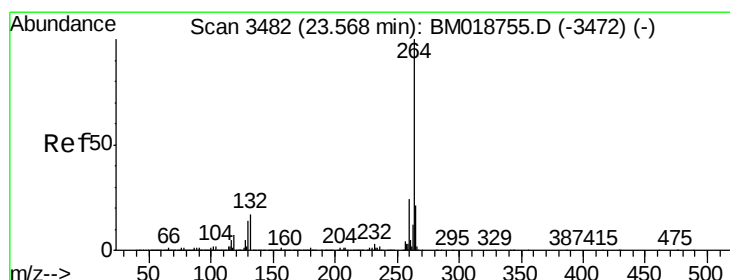
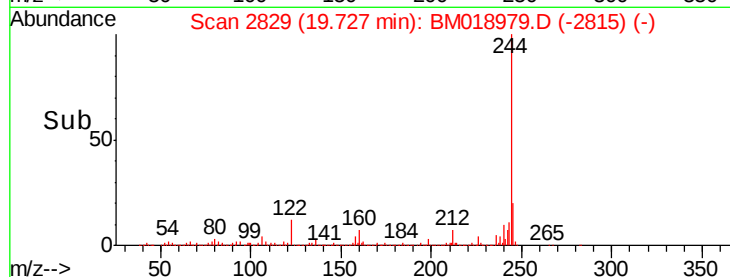
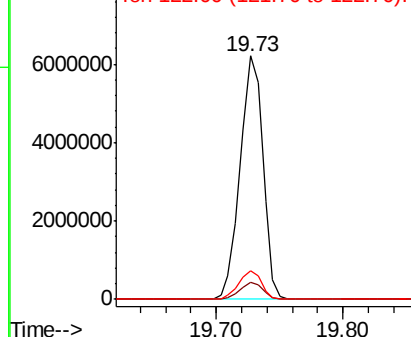
244 100

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

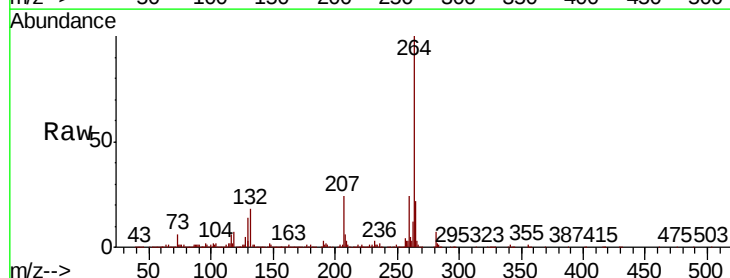
Tgt Ion:264 Resp: 994225

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

