

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018967.D
 Acq On : 28 Feb 2019 13:50
 Operator : JU/SJ
 Sample : K1614-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TI-633

Quant Time: Mar 01 01:13:05 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

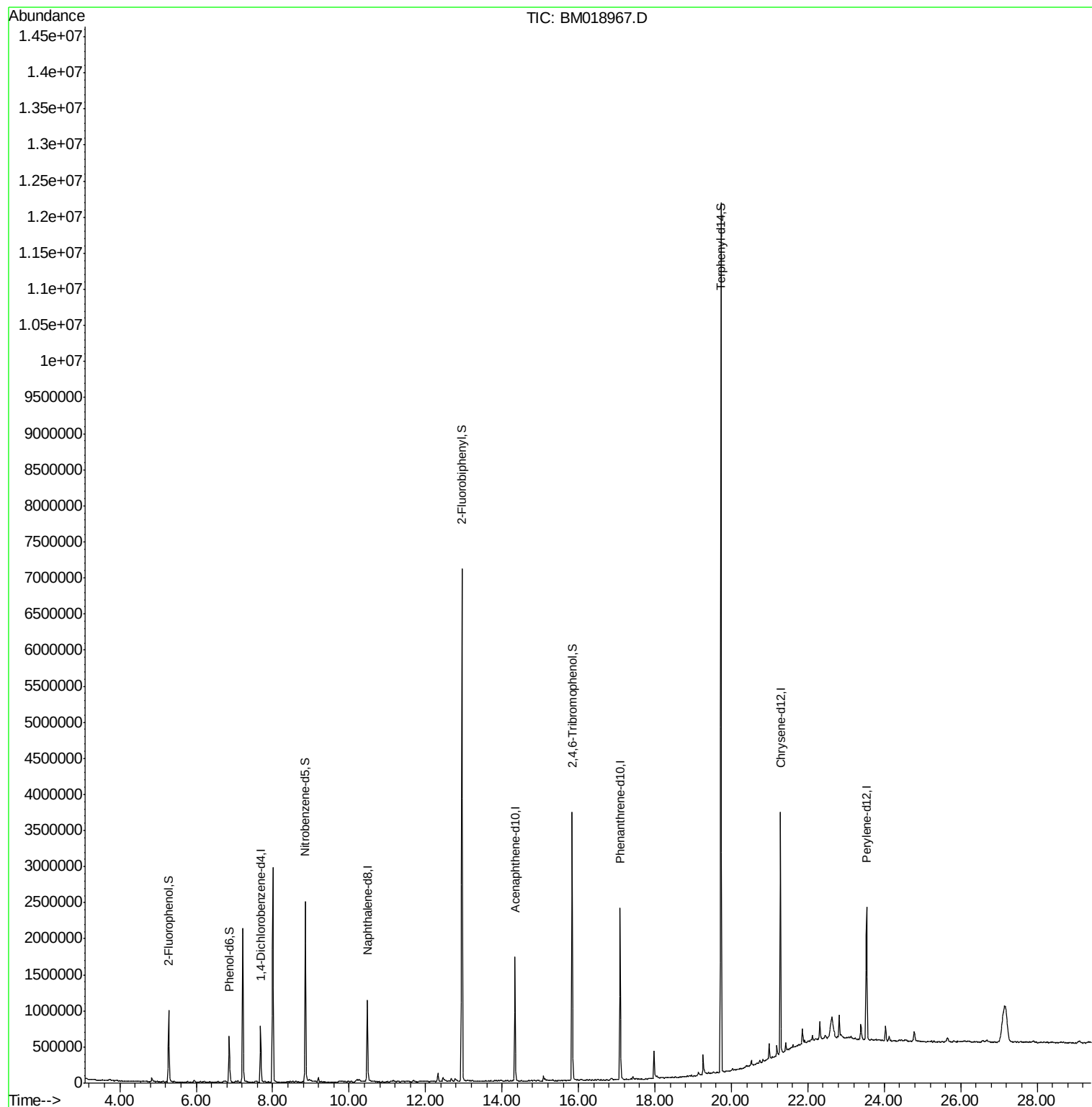
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	204605	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	903552	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	546586	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1254190	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1391344	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1264080	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	430392	34.47	ng	-0.02
7) Phenol-d6	6.86	99	378111	21.49	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1638313	83.84	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	689466	87.51	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3440011	83.55	ng	-0.03
79) Terphenyl-d14	19.73	244	5130017	76.06	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	3811	Below Cal	Qvalue #	51

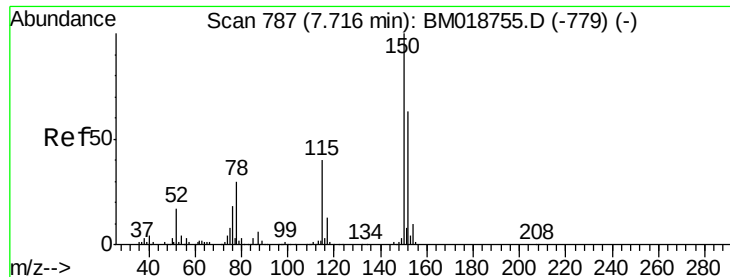
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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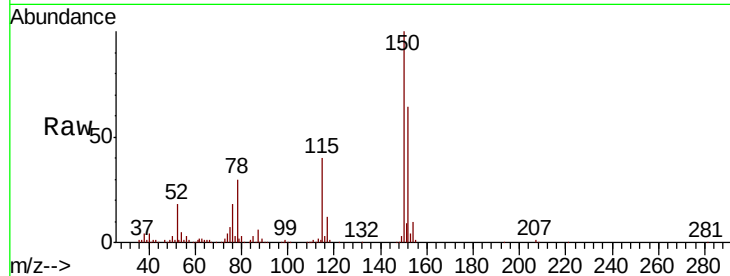


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018967.D
Acq: 28 Feb 2019 13:50

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.3	190.9
115	63.6	50.8	76.2

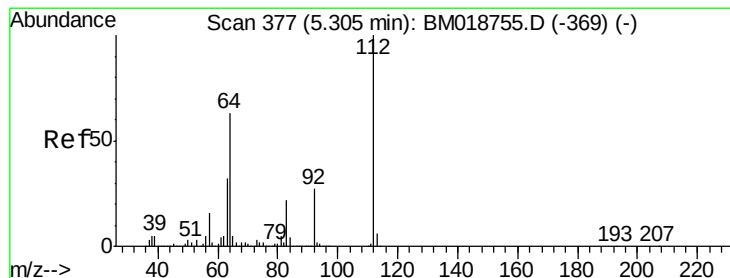
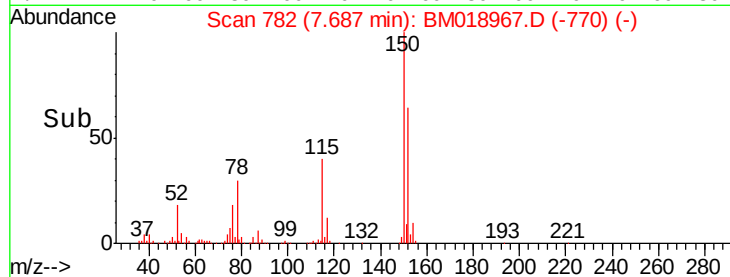
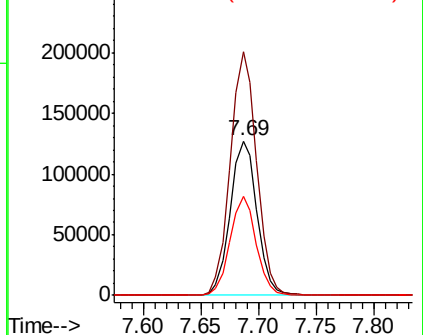


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

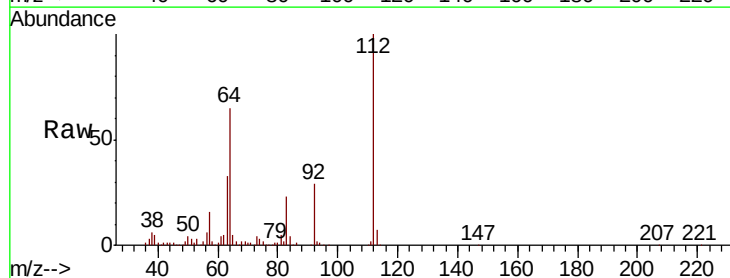
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.466 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018967.D
Acq: 28 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.6	75.8
63	33.0	25.7	38.5

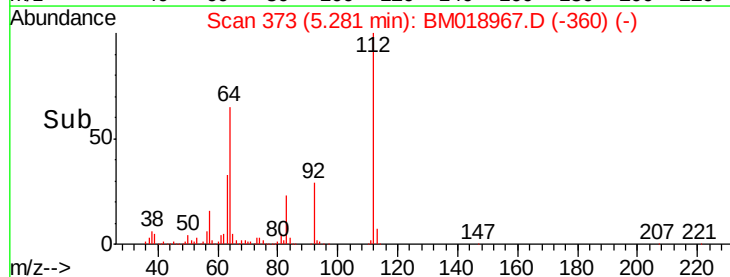
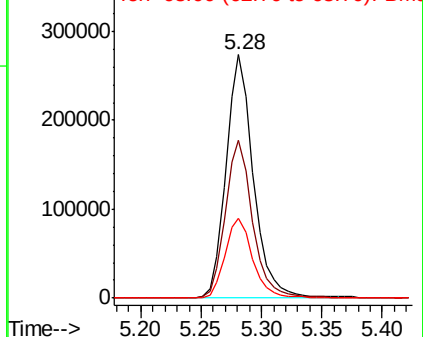


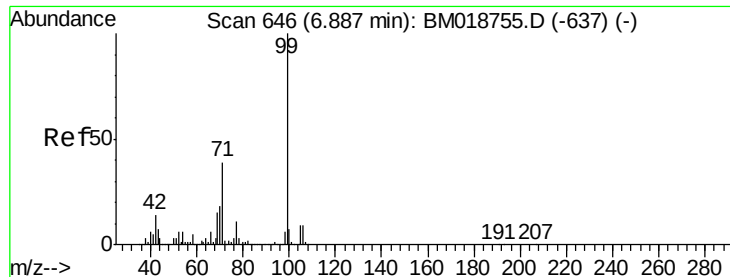
Abundance

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: 21.494 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018967.D

Acq: 28 Feb 2019 13:50

Instrument :

BNA_M

ClientSampleId :

TI-633

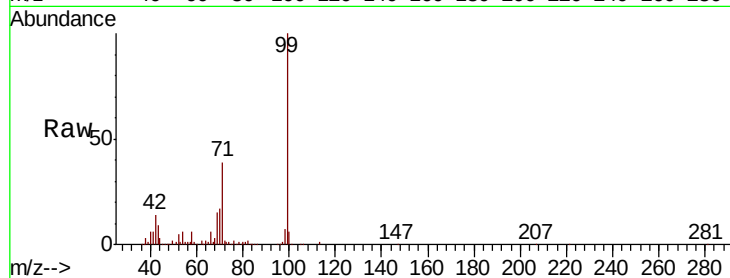
Tgt Ion: 99 Resp: 378111

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

71 39.4 31.3 46.9

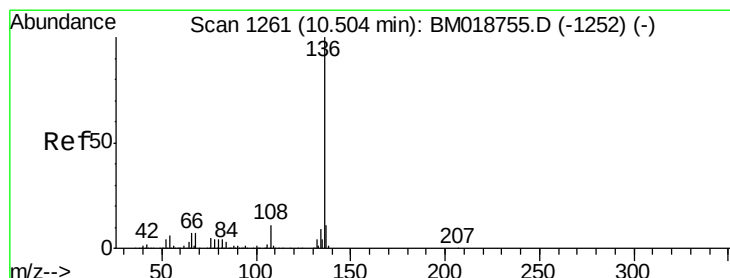
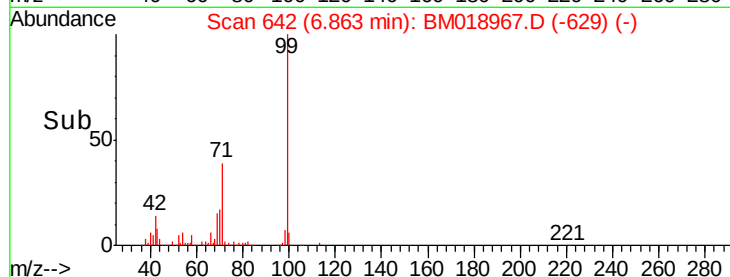
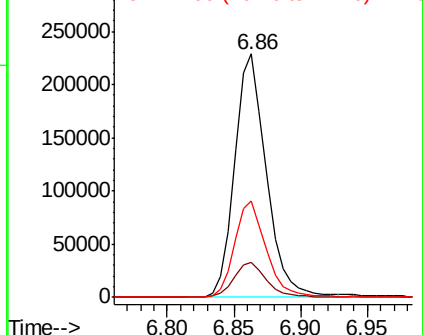


Abundance

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: BM018967.D

Acq: 28 Feb 2019 13:50

Tgt Ion: 136 Resp: 903552

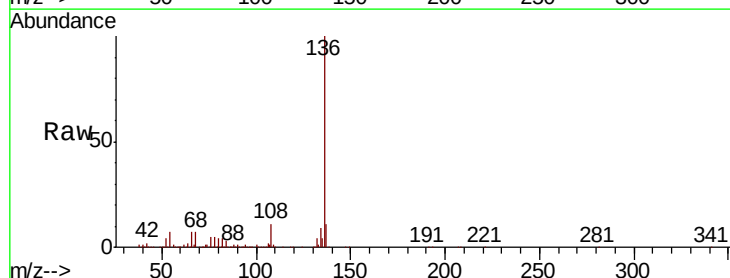
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.0 5.0 7.6

68 7.4 5.5 8.3



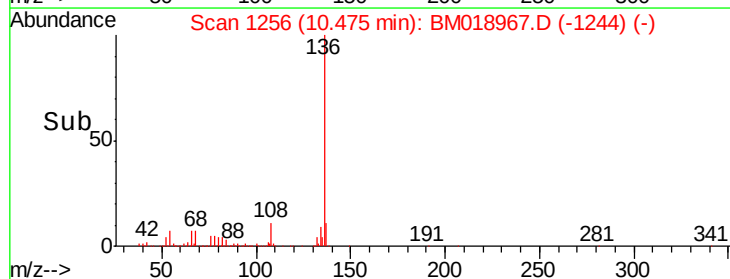
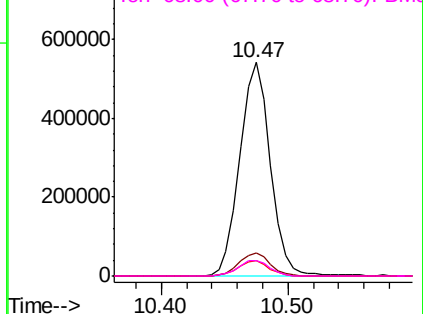
Abundance

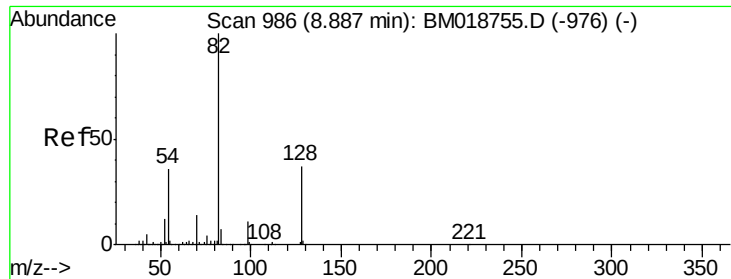
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

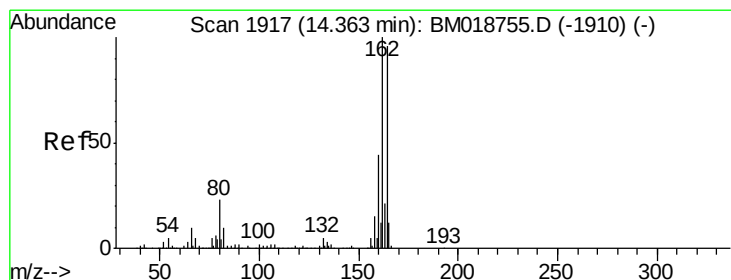
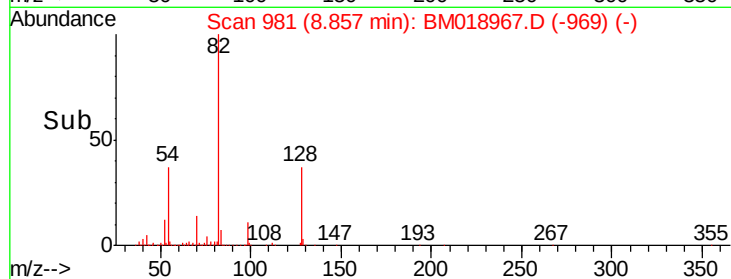
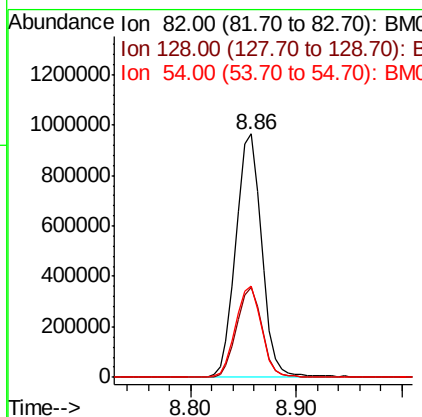
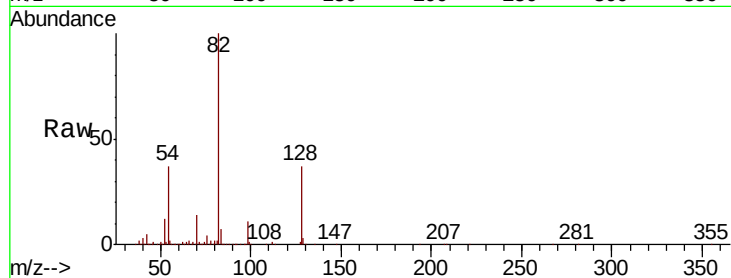




#23
 Nitrobenzene-d5
 Concen: 83.839 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018967.D
 Acq: 28 Feb 2019 13:50

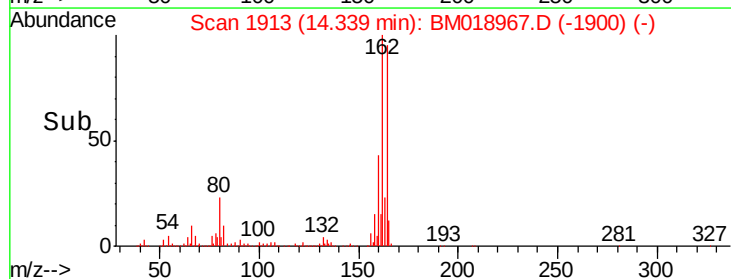
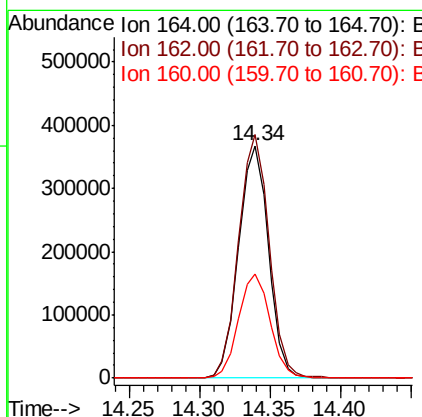
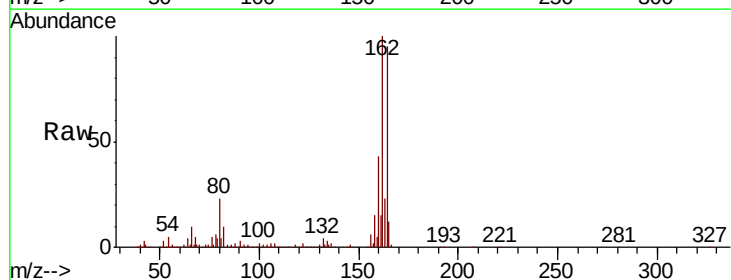
Instrument :
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 TI-633

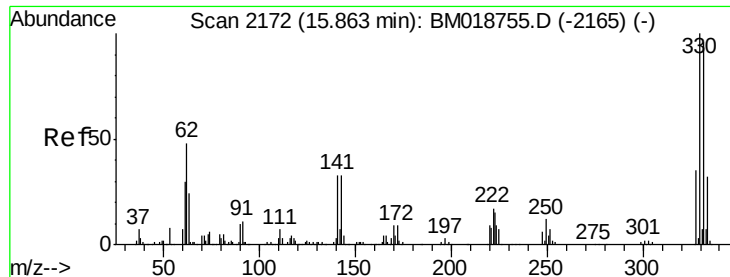
Tgt Ion: 82 Resp: 1638313
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.9 44.9
 54 37.3 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018967.D
 Acq: 28 Feb 2019 13:50

Tgt Ion: 164 Resp: 546586
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.4 125.0
 160 44.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 87.508 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018967.D

Acq: 28 Feb 2019 13:50

Instrument :

BNA_M

ClientSampleId :

TI-633

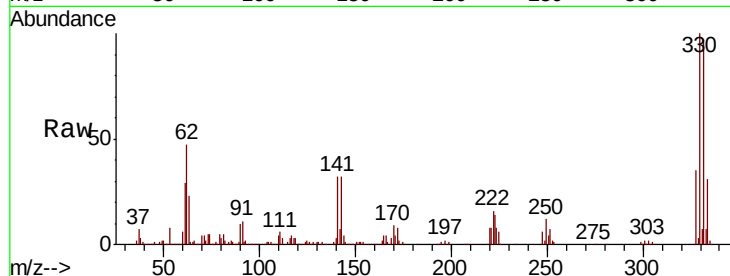
Tgt Ion:330 Resp: 689466

Ion Ratio Lower Upper

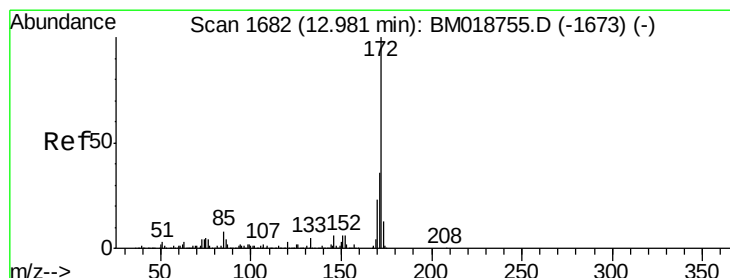
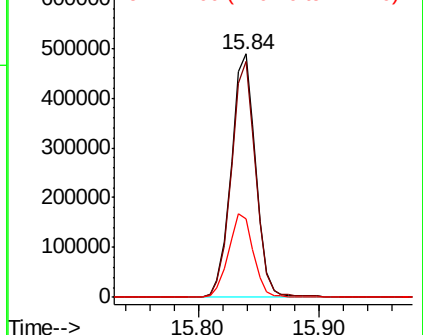
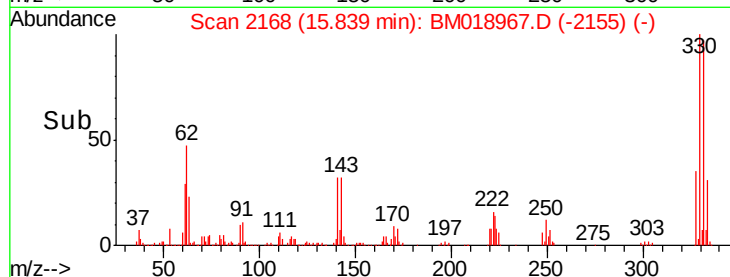
330 100

332 96.4 76.9 115.3

141 35.1 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: 83.546 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018967.D

Acq: 28 Feb 2019 13:50

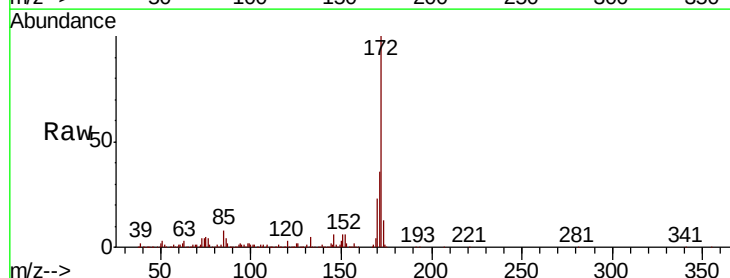
Tgt Ion:172 Resp: 3440011

Ion Ratio Lower Upper

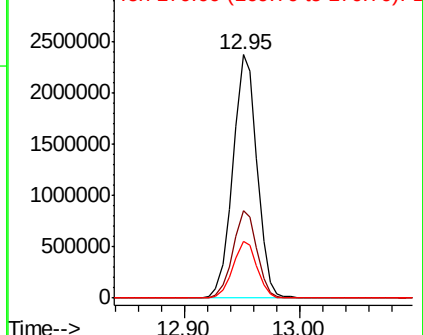
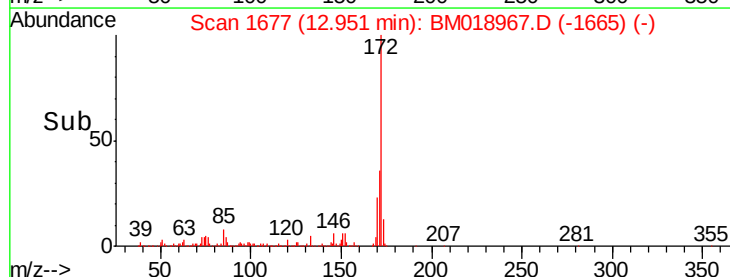
172 100

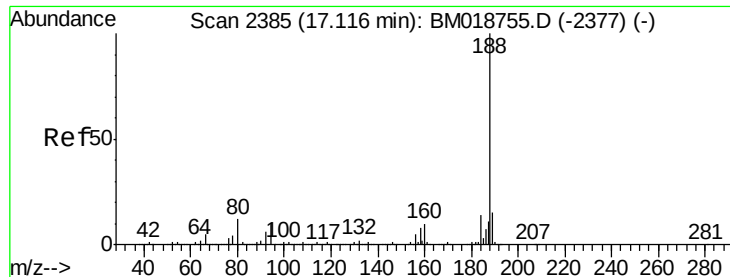
171 36.1 29.0 43.6

170 23.3 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

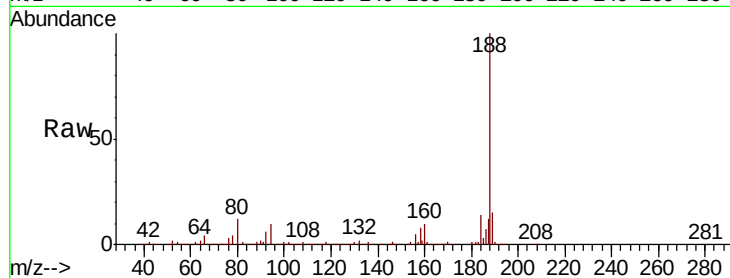




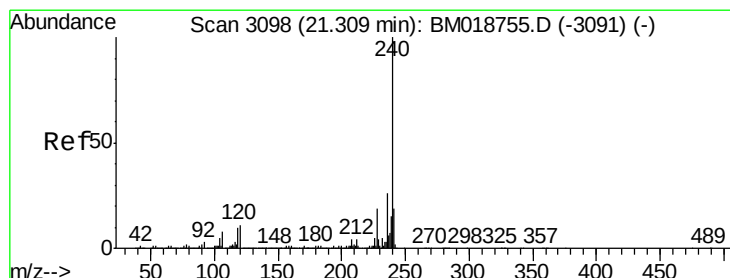
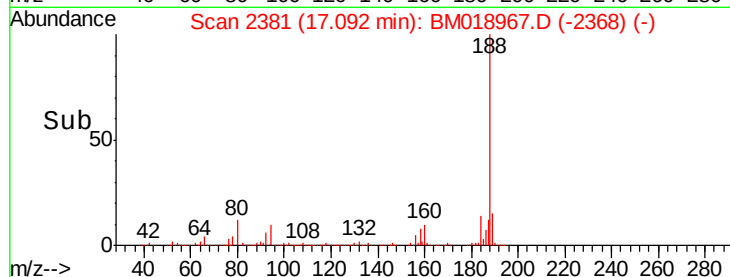
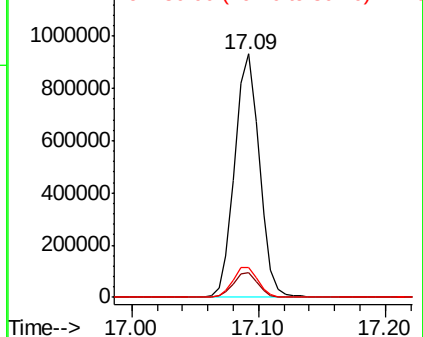
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018967.D
Acq: 28 Feb 2019 13:50

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TI-633

Tgt Ion:188 Resp: 1254190
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.3 9.7 14.5

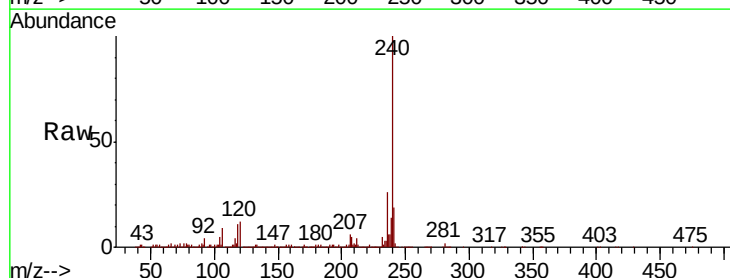


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

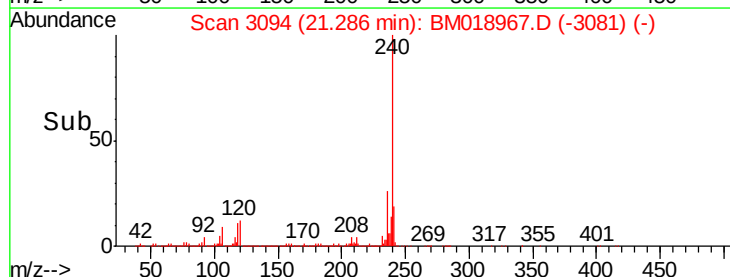
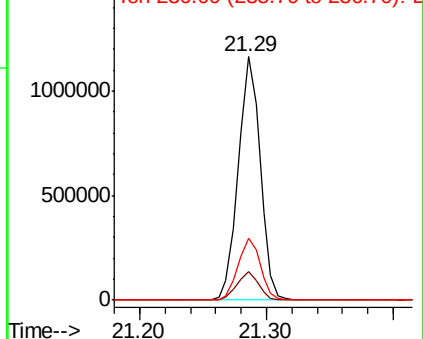


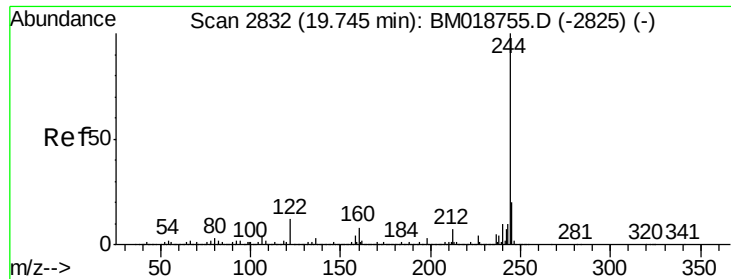
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018967.D
Acq: 28 Feb 2019 13:50

Tgt Ion:240 Resp: 1391344
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.6 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: 76.061 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018967.D

Acq: 28 Feb 2019 13:50

Instrument :

BNA_M

ClientSampleId :

TI-633

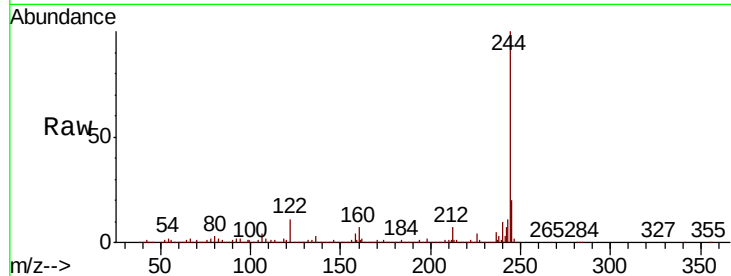
Tgt Ion:244 Resp: 5130017

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

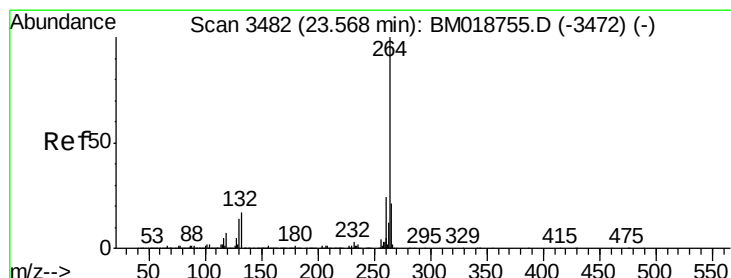
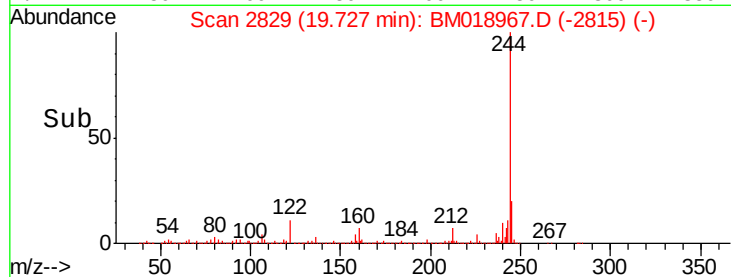
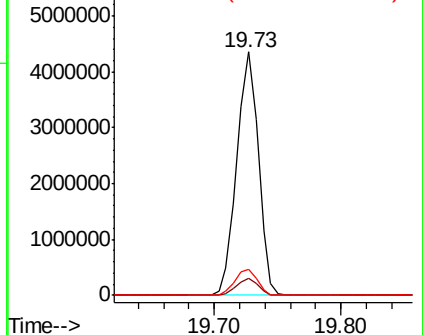
122 10.9 9.3 13.9



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# 3477

Delta R.T. -0.03 min

Lab File: BM018967.D

Acq: 28 Feb 2019 13:50

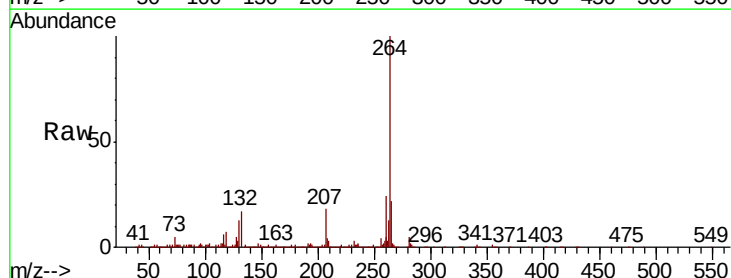
Tgt Ion:264 Resp: 1264080

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.9 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

