

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018828.D
 Acq On : 15 Feb 2019 21:55
 Operator : JU/SJ
 Sample : K1486-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-227

Quant Time: Feb 15 23:30:08 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

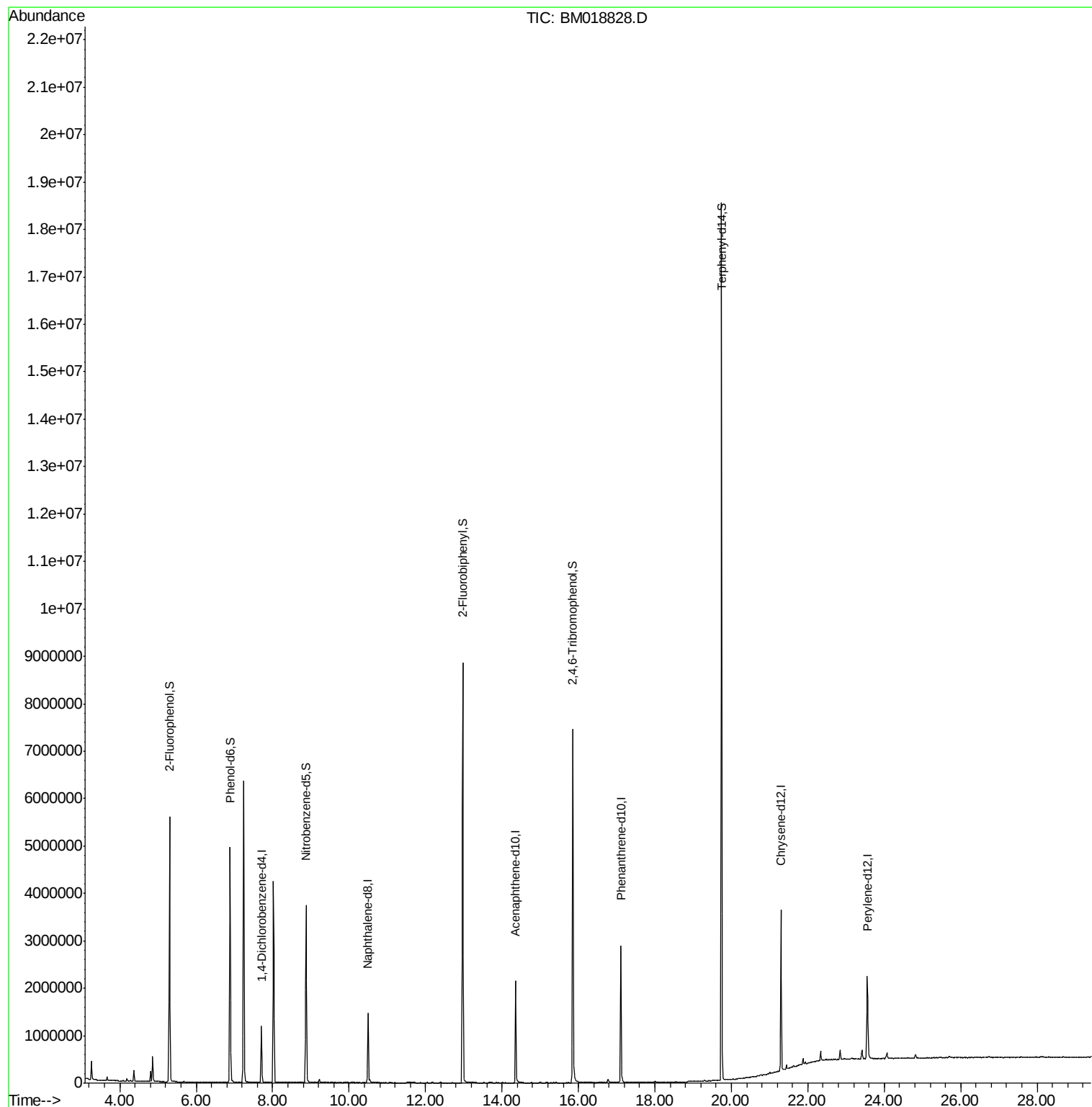
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	304381	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1205041	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	676372	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1569421	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1496454	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1234008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2297554	123.68	ng	0.00
7) Phenol-d6	6.89	99	2812573	107.47	ng	0.00
23) Nitrobenzene-d5	8.87	82	2347213	90.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1341838	137.63	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4357691	85.53	ng	0.00
79) Terphenyl-d14	19.74	244	7771166	107.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	8339	Below Cal	Qvalue #	7

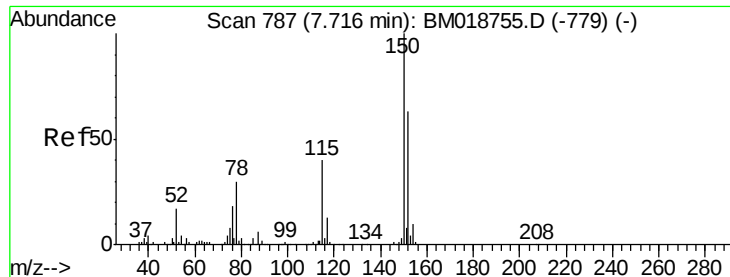
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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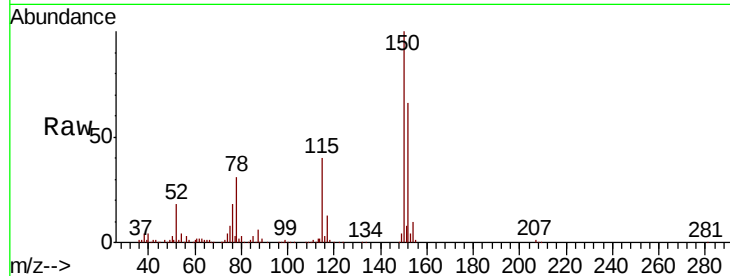


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018828.D
Acq: 15 Feb 2019 21:55

Instrument :
BNA_M
ClientSampleId :
VNJ-227

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	127.3	190.9
115	61.0	50.8	76.2

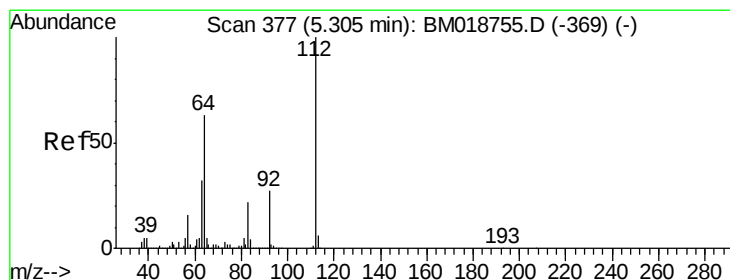
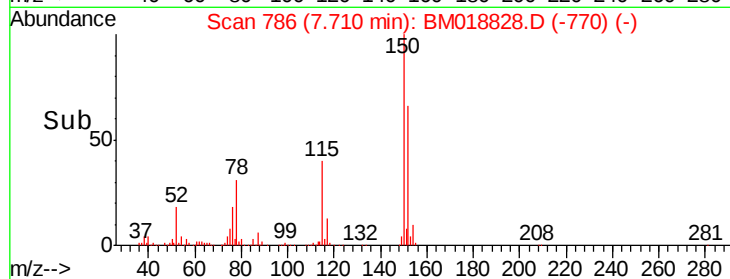
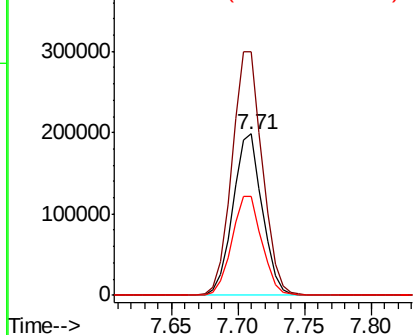


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

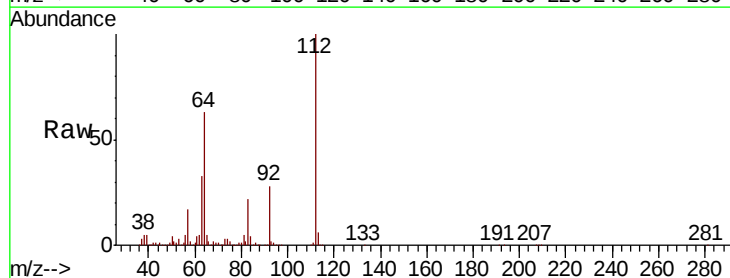
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.677 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018828.D
Acq: 15 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	75.8
63	32.8	25.7	38.5

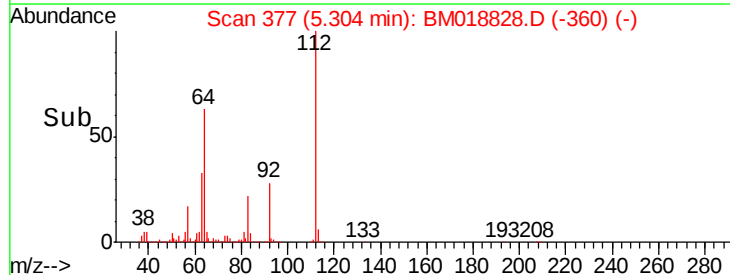
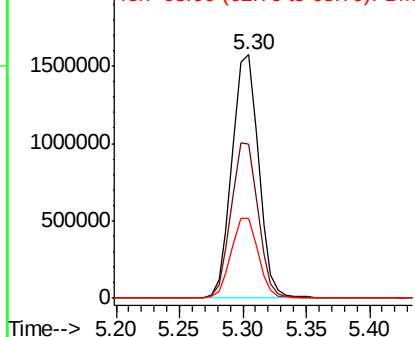


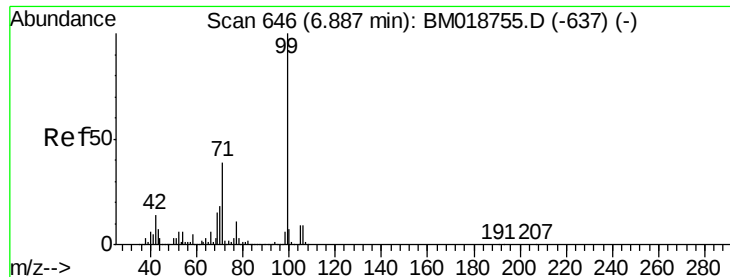
Abundance

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: 107.471 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018828.D

Acq: 15 Feb 2019 21:55

Instrument :

BNA_M

ClientSampleId :

VNJ-227

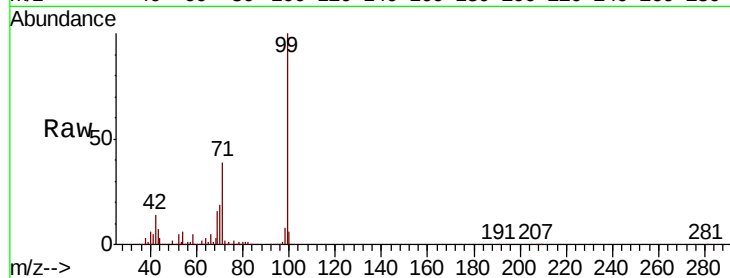
Tgt Ion: 99 Resp: 2812573

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

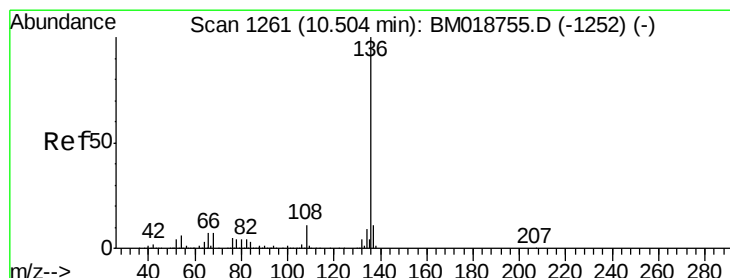
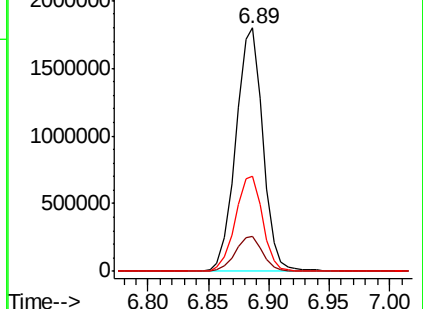
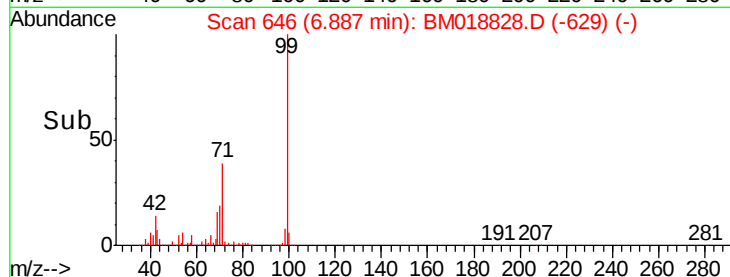
71 39.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018828.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018828.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018828.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018828.D

Acq: 15 Feb 2019 21:55

Tgt Ion: 136 Resp: 1205041

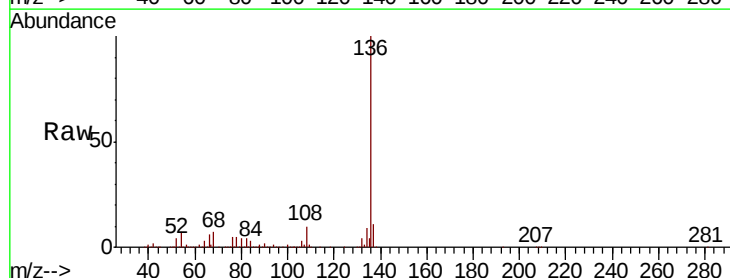
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 5.0 7.6

68 6.9 5.5 8.3

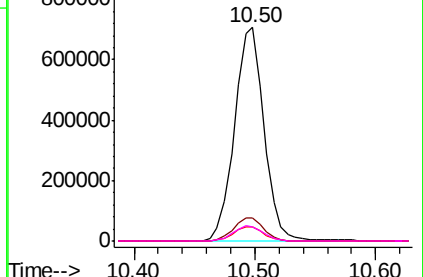
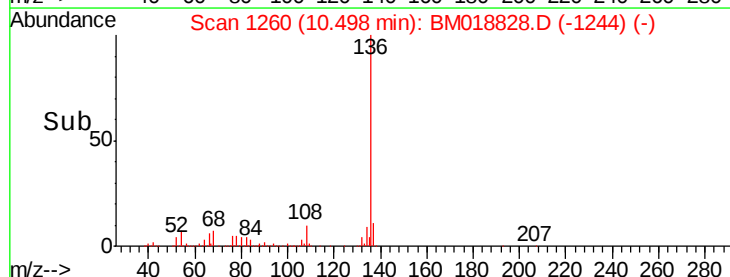


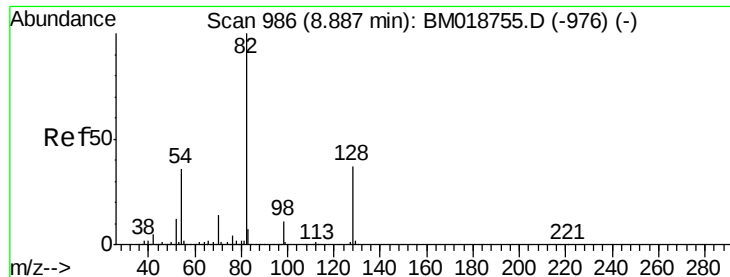
Abundance Ion 136.00 (135.70 to 136.70): BM018828.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018828.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018828.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018828.D (-1244) (-)

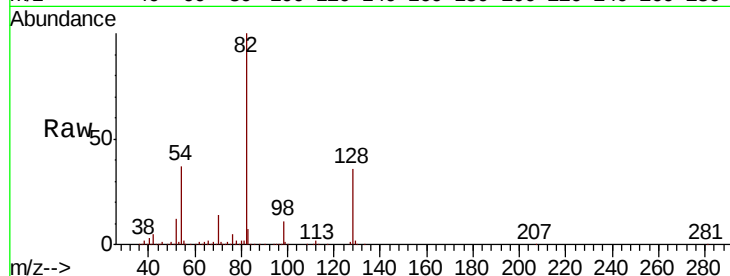




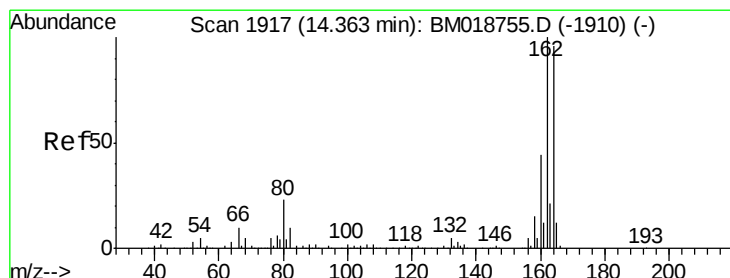
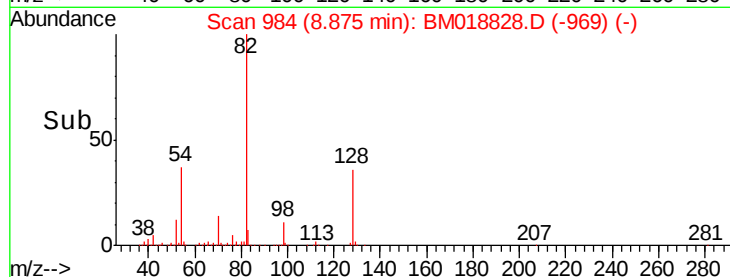
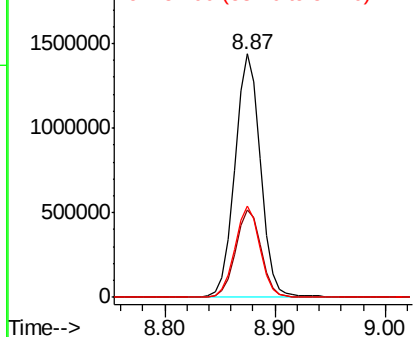
#23
 Nitrobenzene-d5
 Concen: 90.065 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-227

Tgt Ion: 82 Resp: 2347213
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.9 44.9
 54 37.4 29.1 43.7

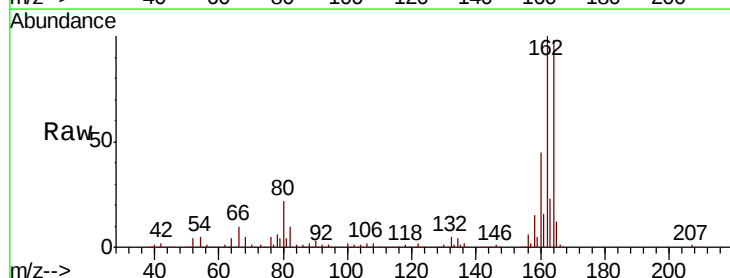


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

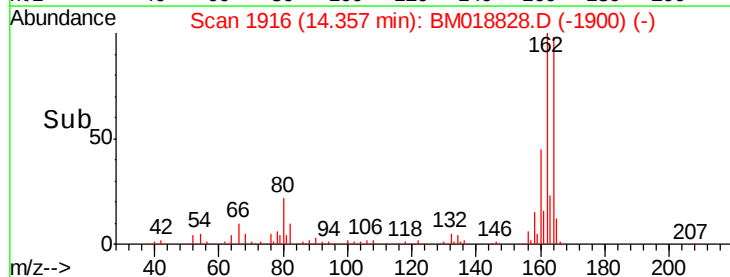
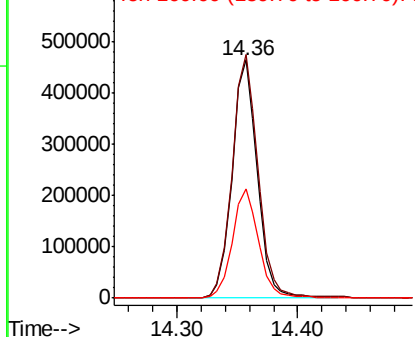


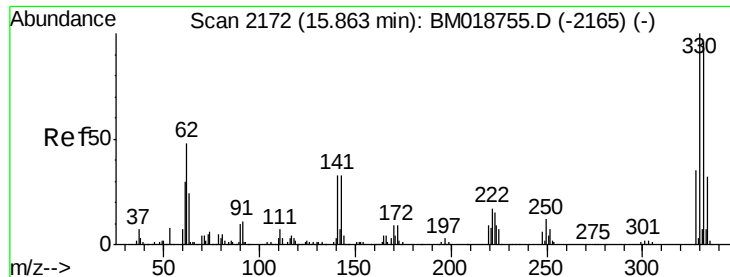
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Tgt Ion: 164 Resp: 676372
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.4 125.0
 160 45.9 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) (-)

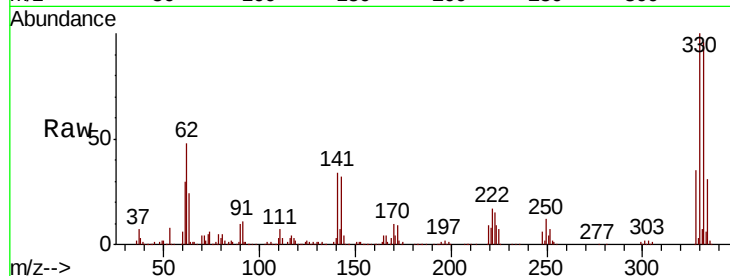




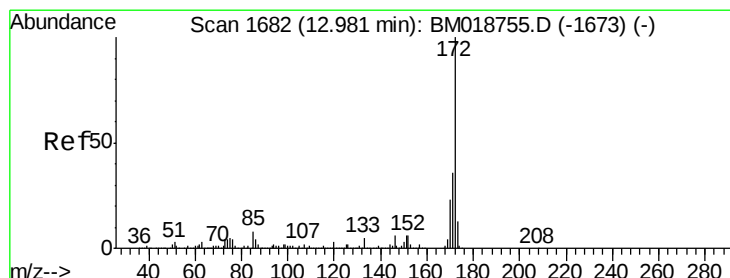
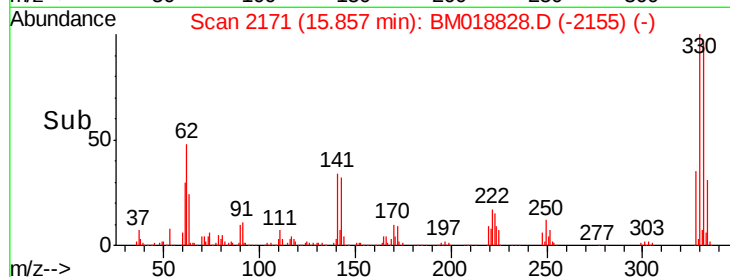
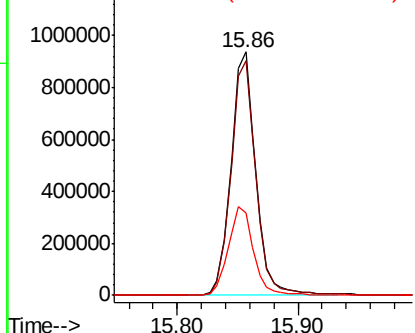
#42
 2,4,6-Tribromophenol
 Concen: 137.628 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-227

Tgt Ion:330 Resp: 1341838
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 37.2 28.7 43.1

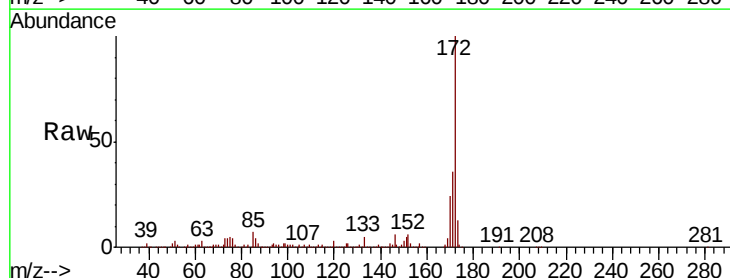


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

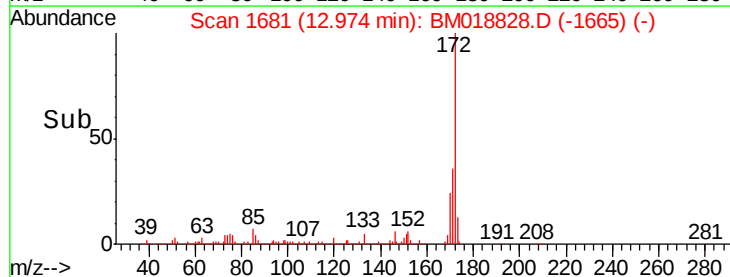
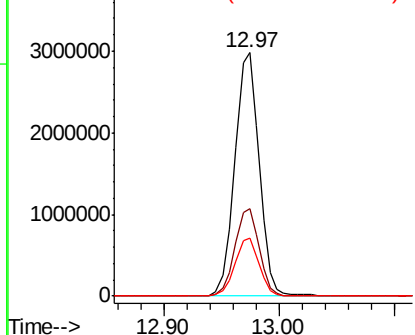


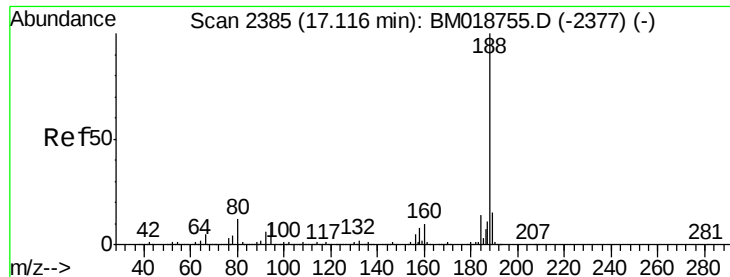
#45
 2-Fluorobiphenyl
 Concen: 85.526 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Tgt Ion:172 Resp: 4357691
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

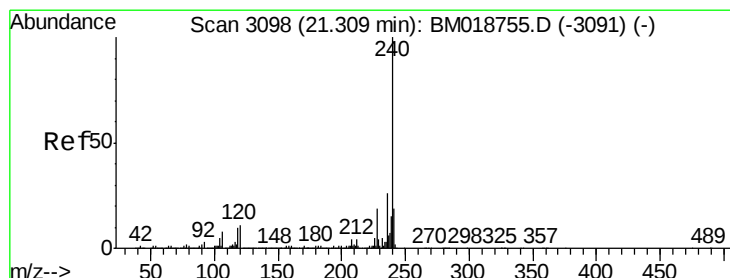
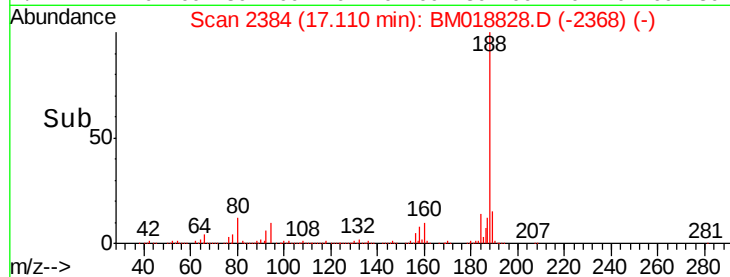
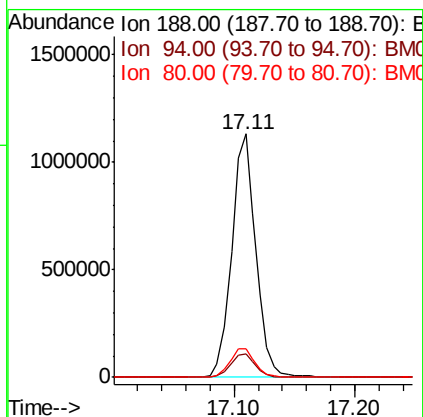
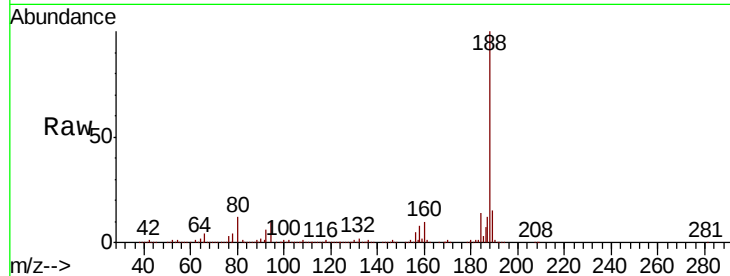




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018828.D
Acq: 15 Feb 2019 21:55

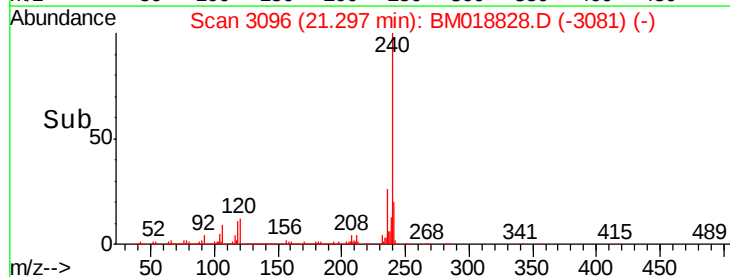
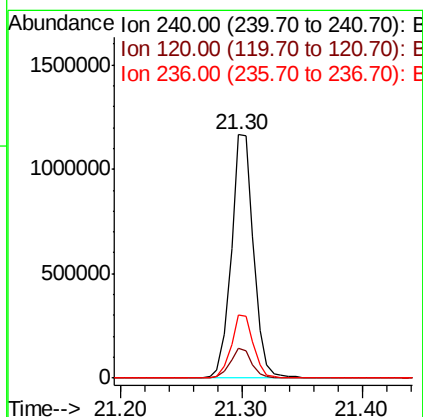
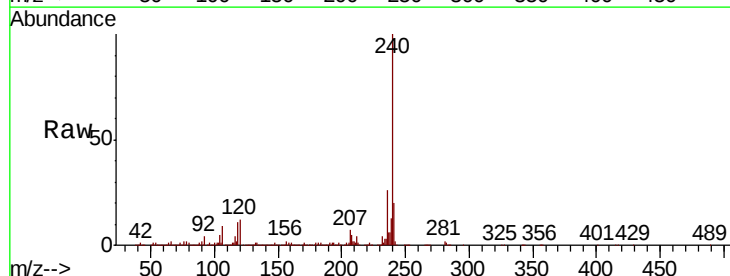
Instrument :
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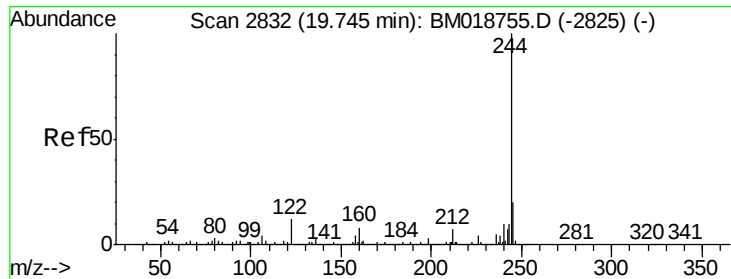
Tgt Ion:188 Resp: 1569421
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.7 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018828.D
Acq: 15 Feb 2019 21:55

Tgt Ion:240 Resp: 1496454
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.1 20.9 31.3

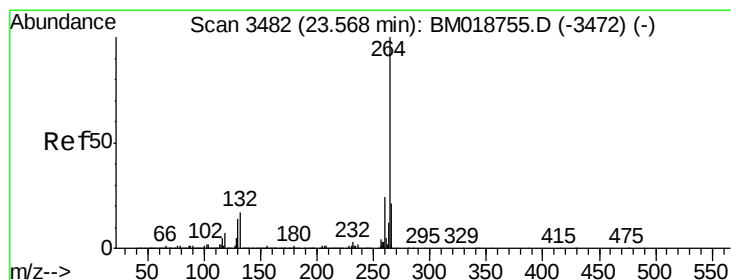
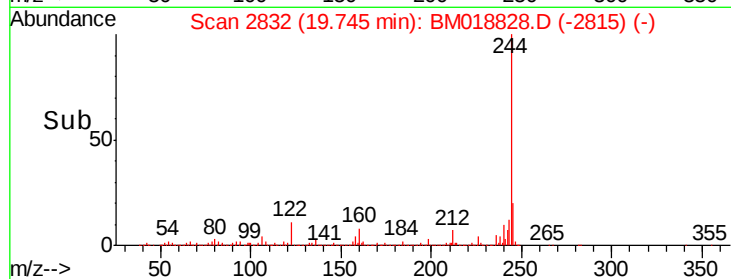
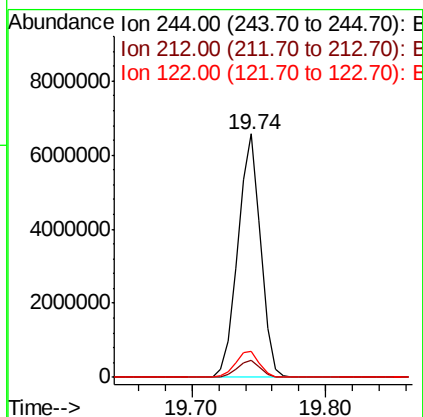
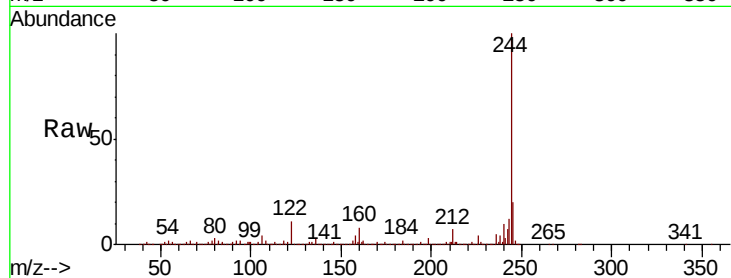




#79
 Terphenyl-d14
 Concen: 107.127 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Instrument :
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Tgt Ion:244 Resp: 7771166
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.9 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BM018828.D
 Acq: 15 Feb 2019 21:55

Tgt Ion:264 Resp: 1234008
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.0 17.3 25.9

