

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018627.D
 Acq On : 17 Jan 2019 22:57
 Operator : JU/SJ
 Sample : K1167-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JDHS-NORTH-2

Quant Time: Jan 18 06:10:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	345783	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1337998	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	715758	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1433199	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1127647	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1165135	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2429876	129.76	ng	-0.02
7) Phenol-d6	6.92	99	2716386	114.21	ng	-0.02
23) Nitrobenzene-d5	8.91	82	2144293	92.90	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1231334	135.11	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5172047	94.29	ng	-0.02
79) Terphenyl-d14	19.77	244	5960209	111.42	ng	-0.02

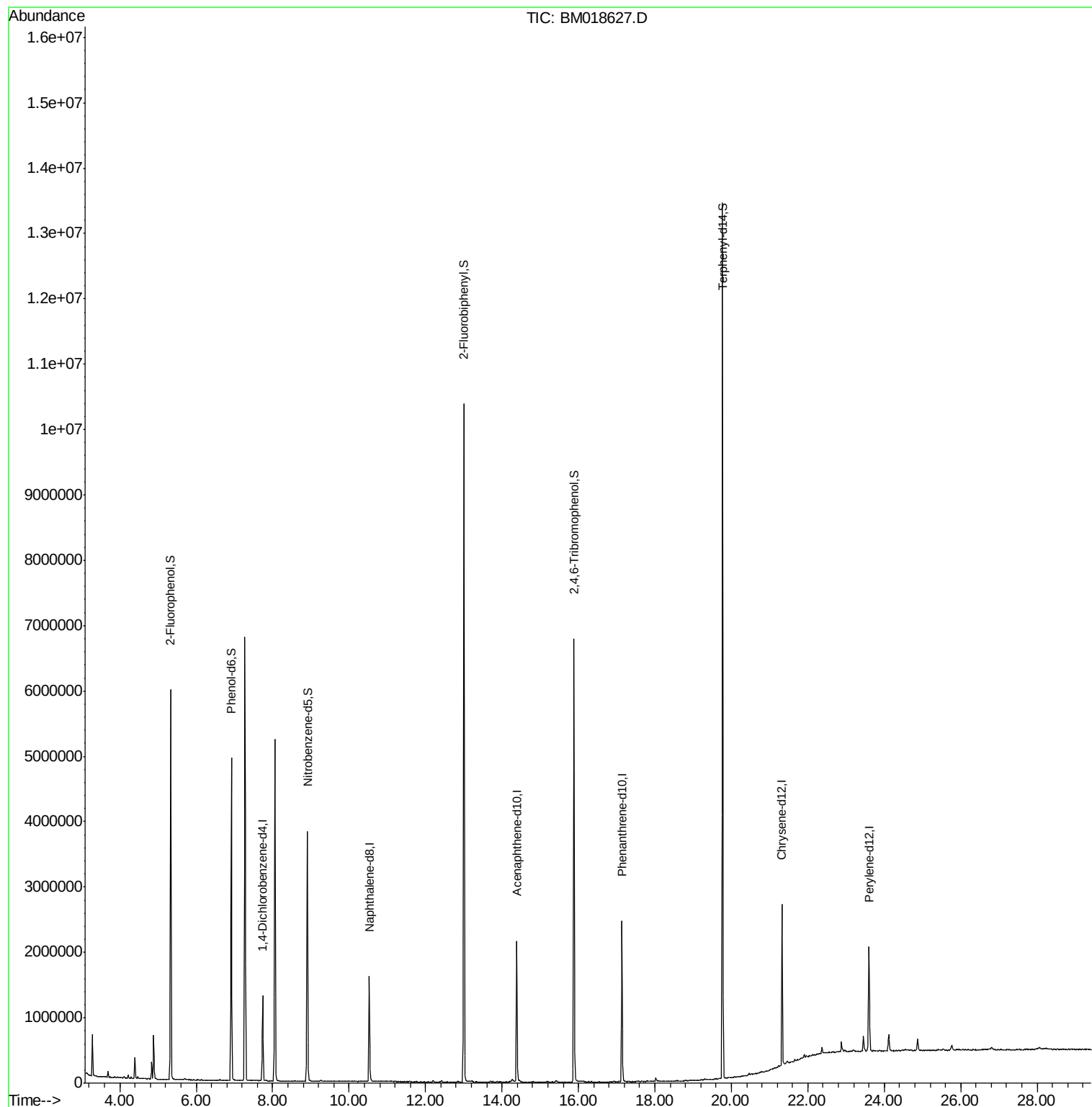
Target Compounds Qvalue

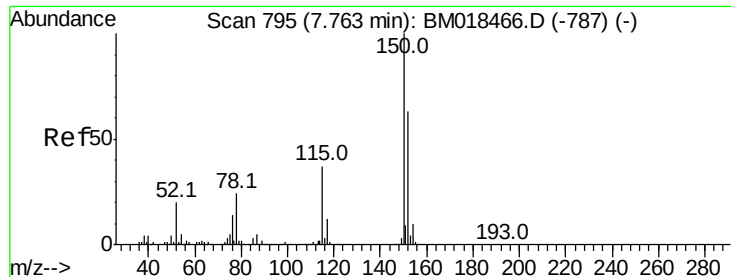
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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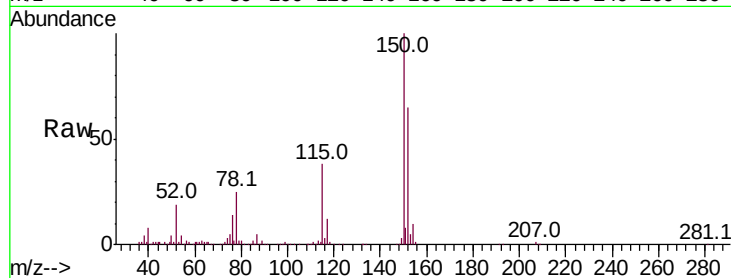


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

Instrument :
BNA_M
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.9	190.3
115	57.8	45.5	68.3

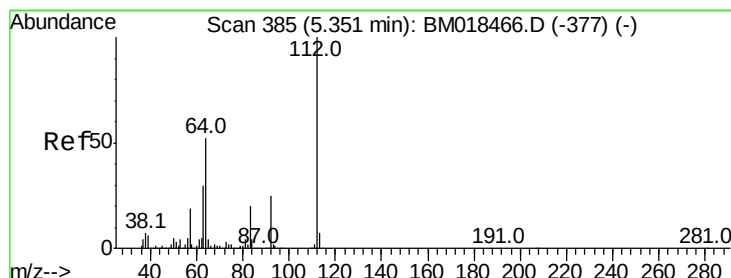
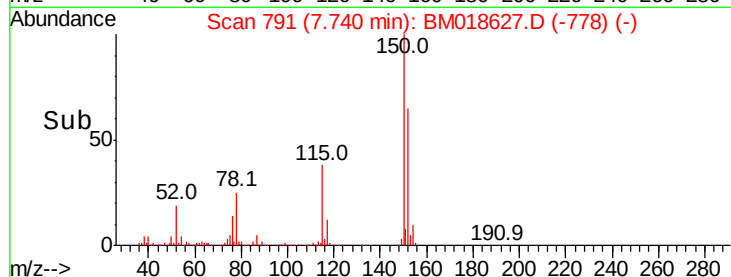
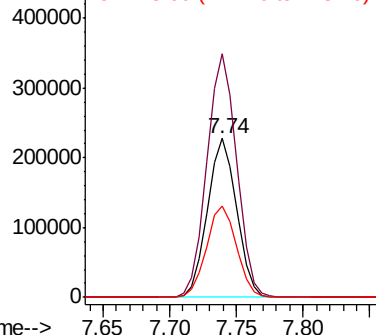


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

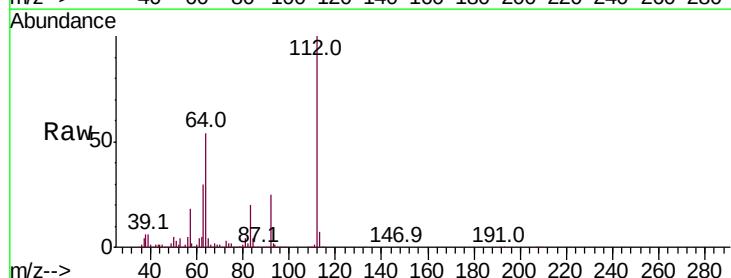
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.756 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.5	25.2	37.8

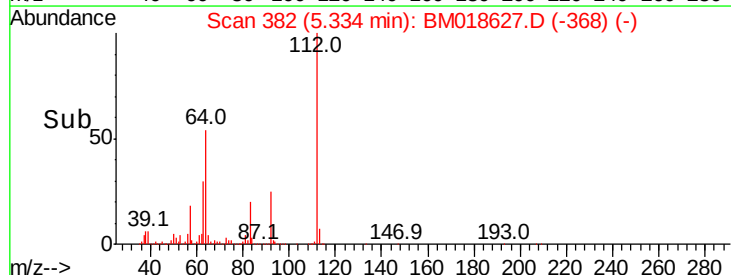
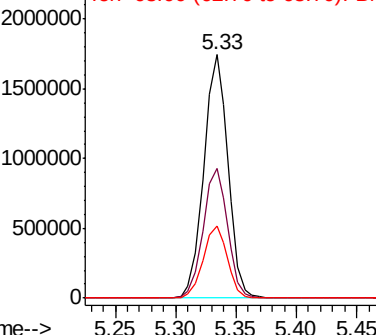


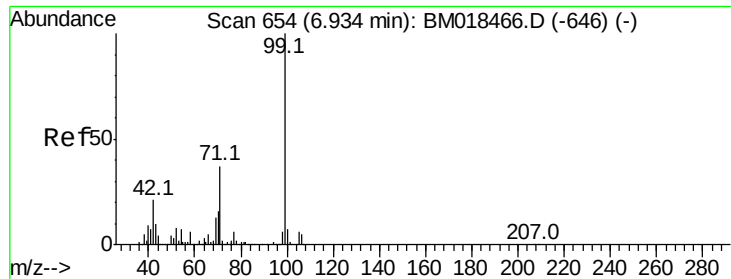
Abundance

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: 114.206 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

Instrument :

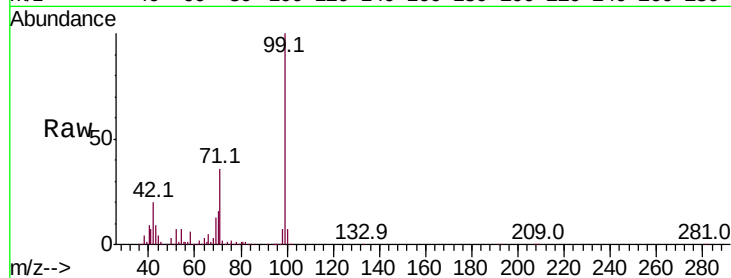
BNA_M

ClientSampleId :

JDHS-NORTH-2

Tot Ion: 99 Resp: 2716386

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.3	25.9
71	36.2	28.0	42.0

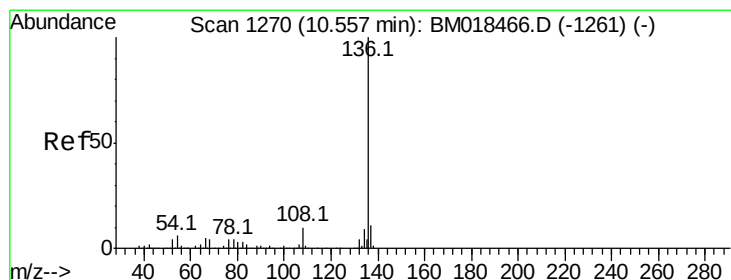
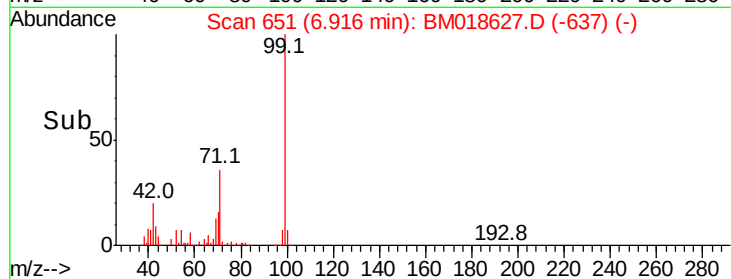
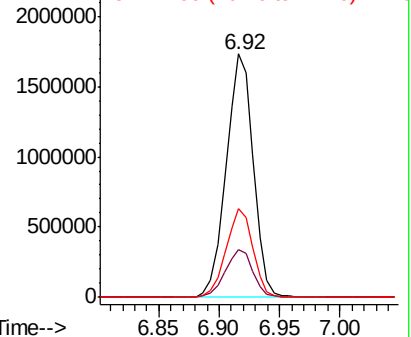


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

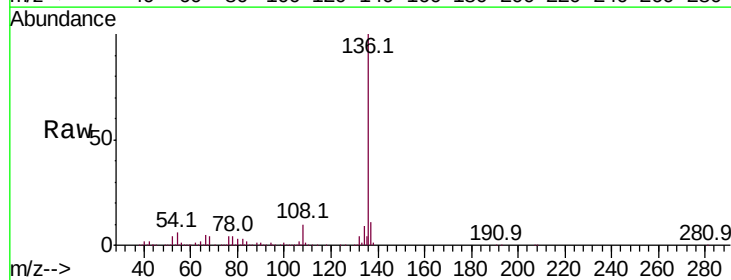
Delta R.T. -0.02 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

Tgt Ion: 136 Resp: 1337998

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.3	6.0	9.0
68	4.5	4.5	6.7



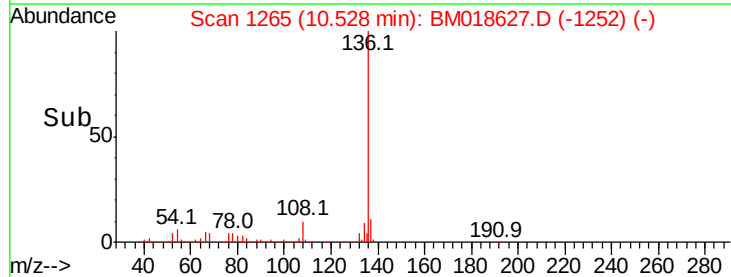
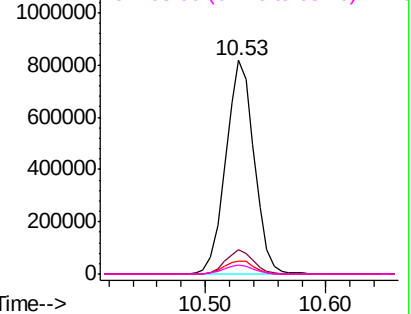
Abundance

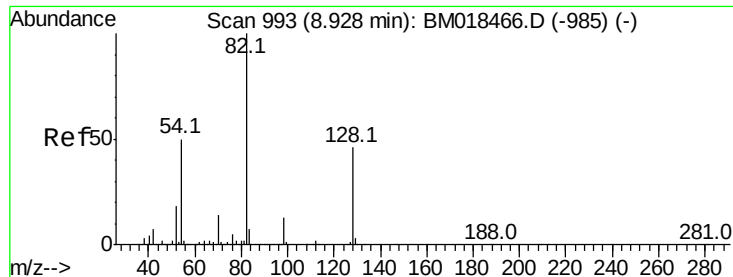
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)



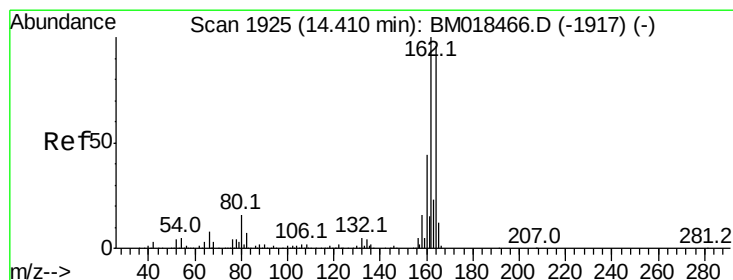
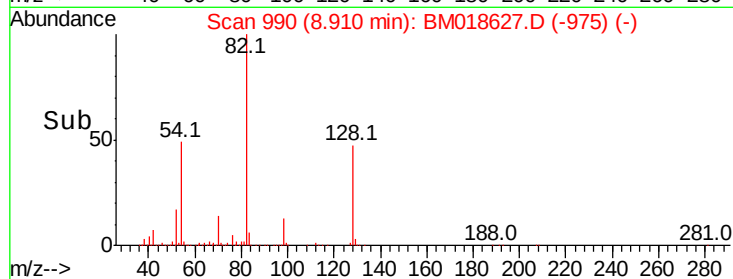
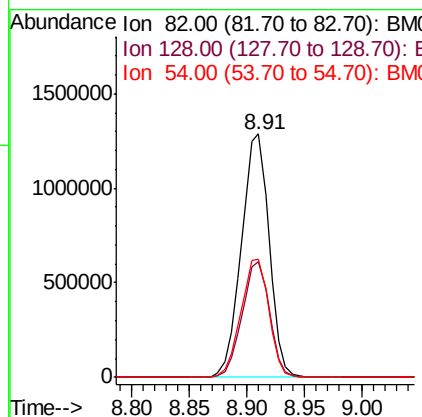
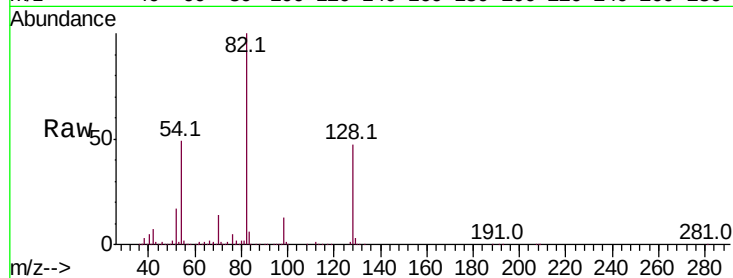


#23
 Nitrobenzene-d5
 Concen: 92.905 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM018627.D
 Acq: 17 Jan 2019 22:57

Instrument :
 BNA_M
 ClientSampleId :
 JDHS-NORTH-2

Tot Ion: 82 Resp: 2144293

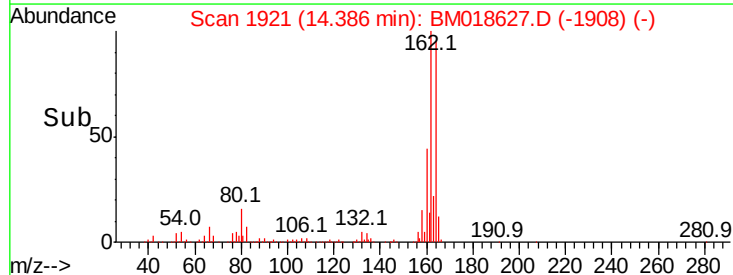
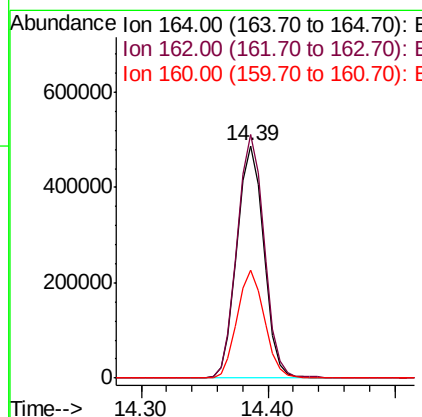
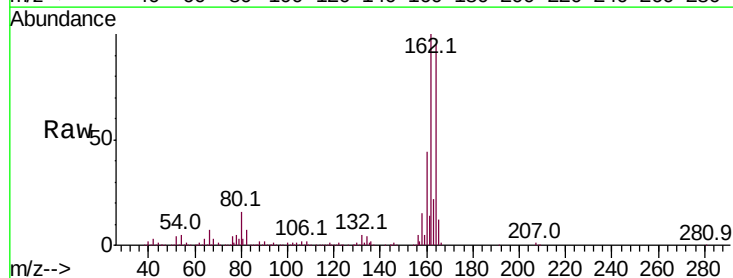
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	48.6	41.7	62.5

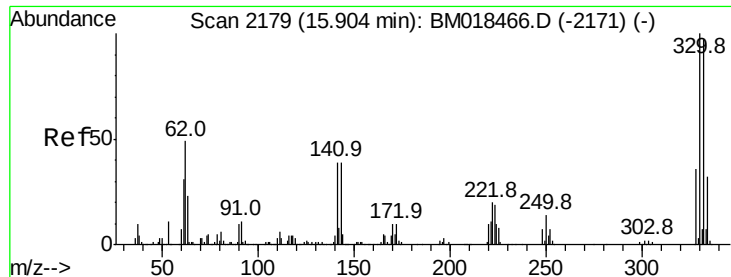


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BM018627.D
 Acq: 17 Jan 2019 22:57

Tgt Ion: 164 Resp: 715758

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.4	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 135.109 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

Instrument :

BNA_M

ClientSampleId :

JDHS-NORTH-2

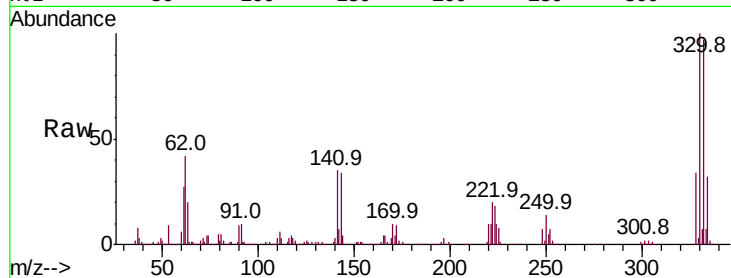
Tot Ion:330 Resp: 1231334

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 38.1 31.7 47.5

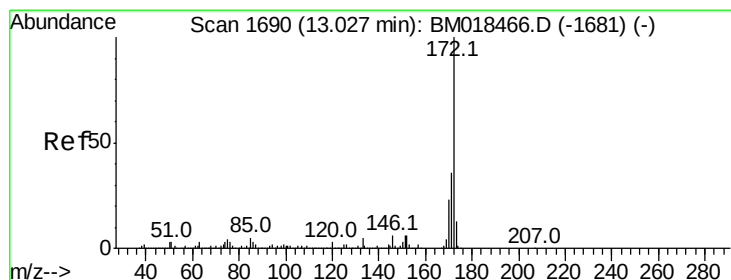
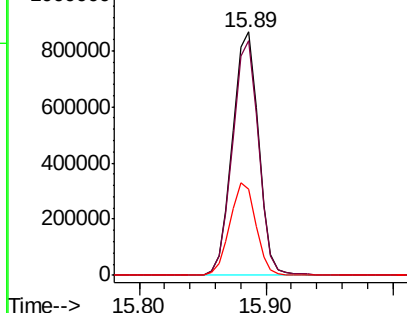
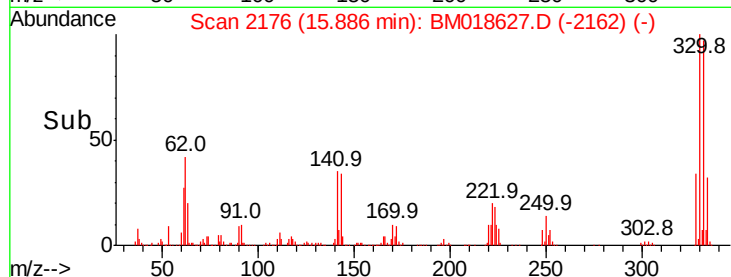


Abundance

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: 94.289 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

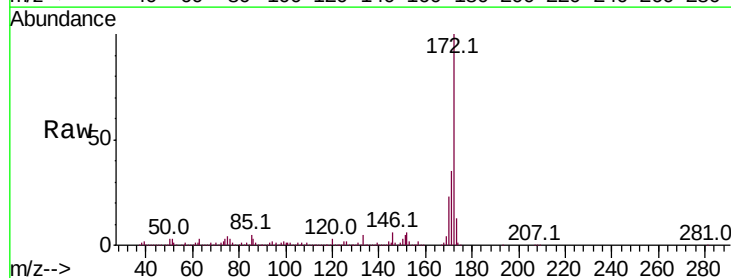
Tgt Ion:172 Resp: 5172047

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.9 28.3

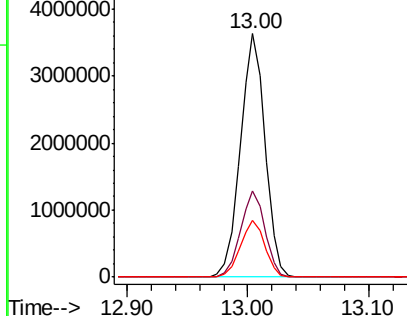
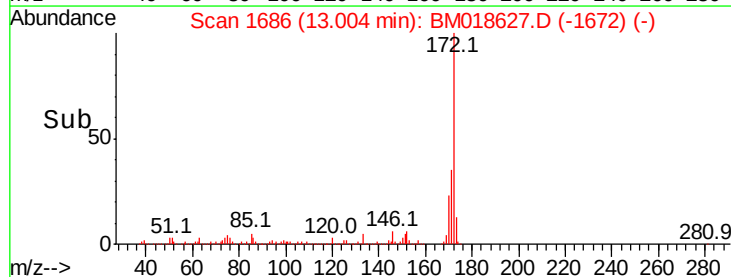


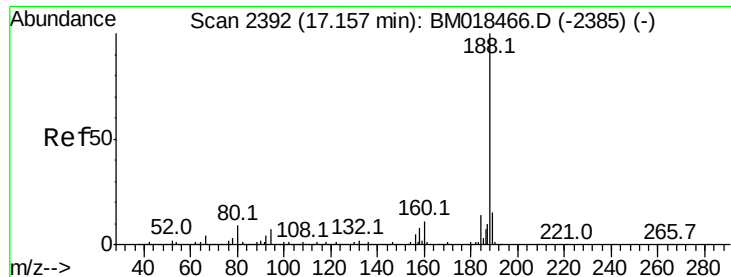
Abundance

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

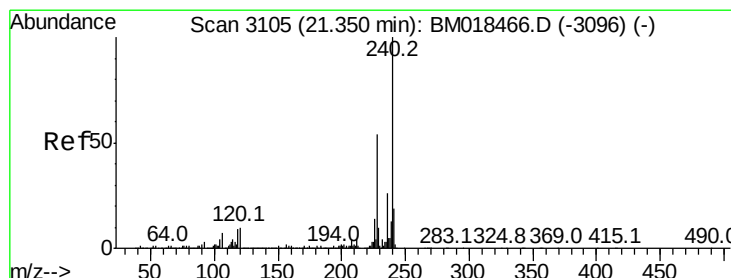
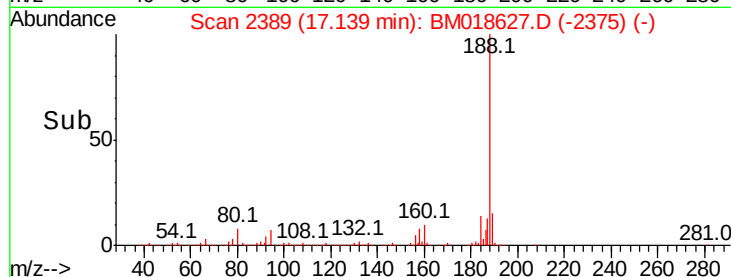
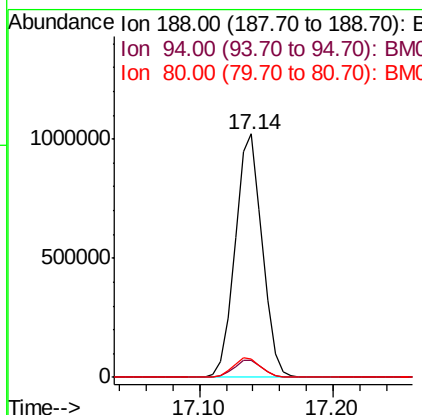
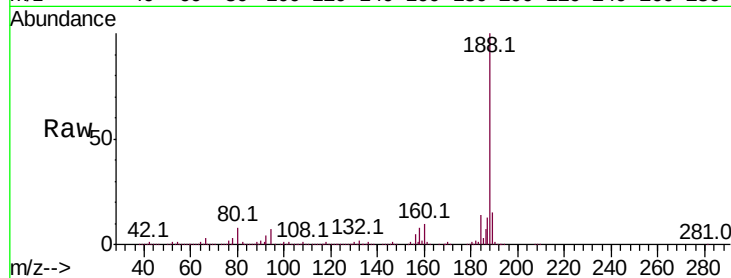




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

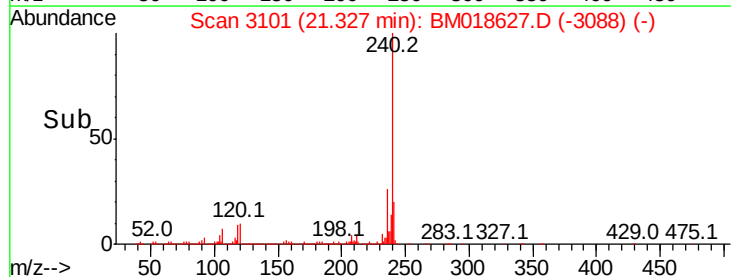
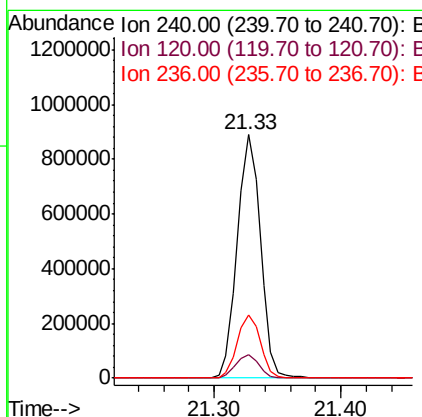
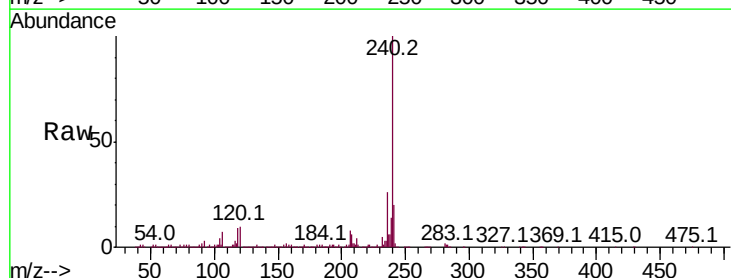
Instrument :
BNA_M
ClientSampleId :
JDHS-NORTH-2

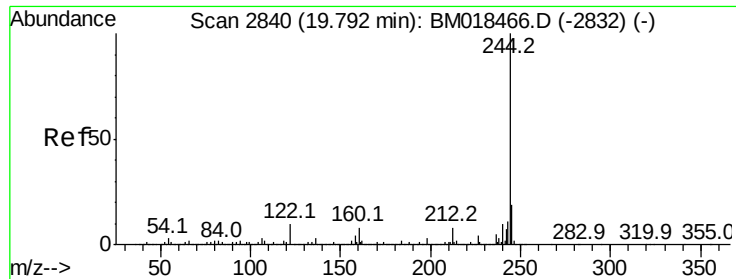
Tot Ion:188 Resp: 1433199
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

Tgt Ion:240 Resp: 1127647
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 111.421 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

Instrument :

BNA_M

ClientSampleId :

JDHS-NORTH-2

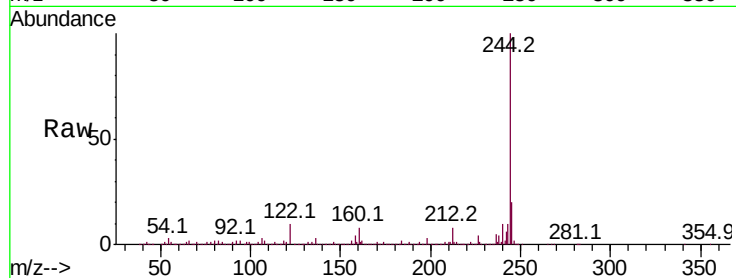
Tot Ion:244 Resp: 5960209

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

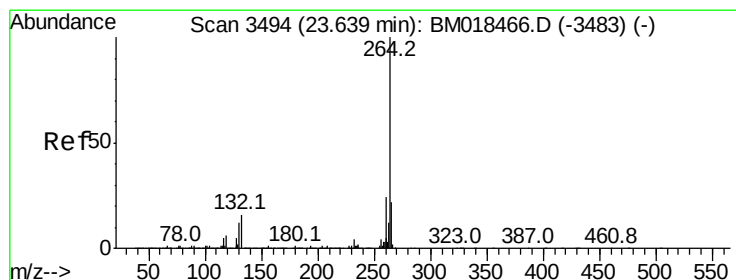
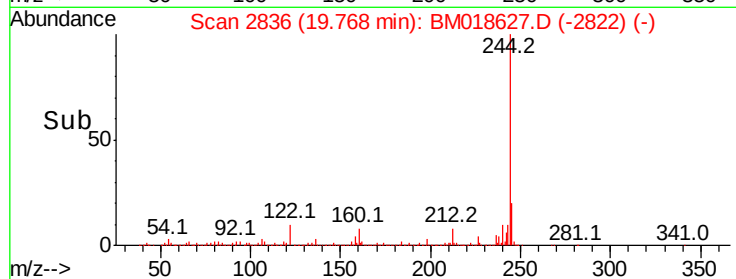
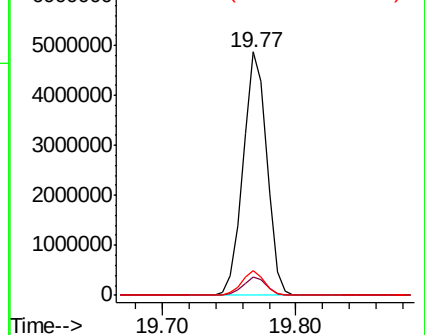
122 10.0 9.0 13.4



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: 23.60 min Scan# 3487

Delta R.T. -0.04 min

Lab File: BM018627.D

Acq: 17 Jan 2019 22:57

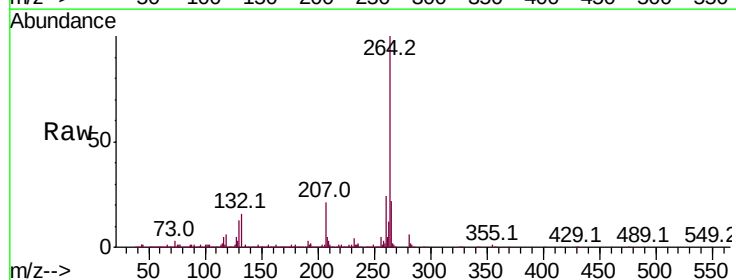
Tgt Ion:264 Resp: 1165135

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 16.8 25.2



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

