

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018626.D
 Acq On : 17 Jan 2019 22:21
 Operator : JU/SJ
 Sample : K1167-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JDHS-SOUTH-1

Quant Time: Jan 18 06:09:05 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	331310	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1271005	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	656739	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1271866	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1102398	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1154089	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2184923	121.77	ng	-0.02
7) Phenol-d6	6.92	99	2403750	105.48	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1905116	86.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1023652	122.42	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4451366	88.44	ng	-0.02
79) Terphenyl-d14	19.77	244	5111544	97.74	ng	-0.02

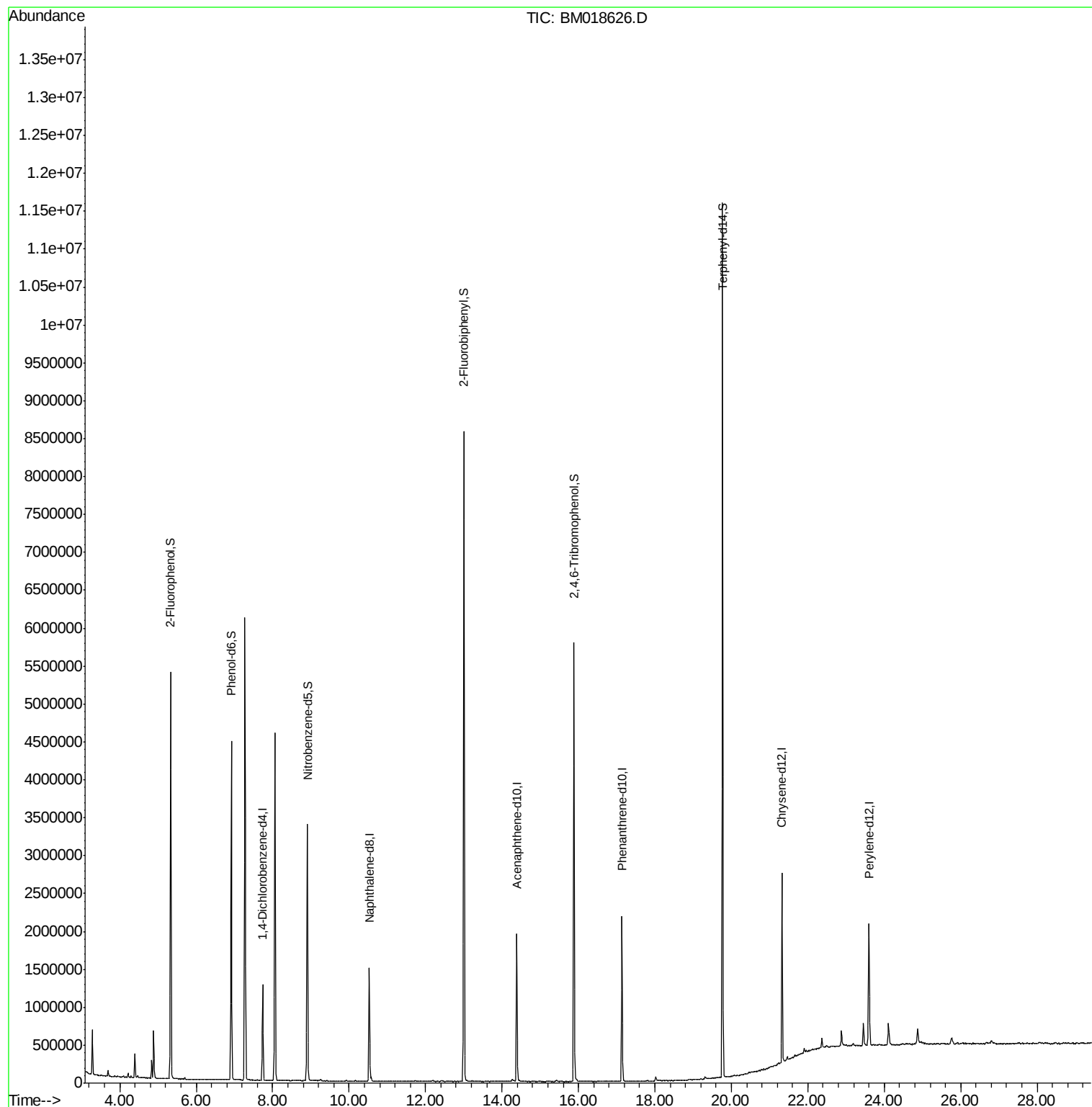
Target Compounds Qvalue

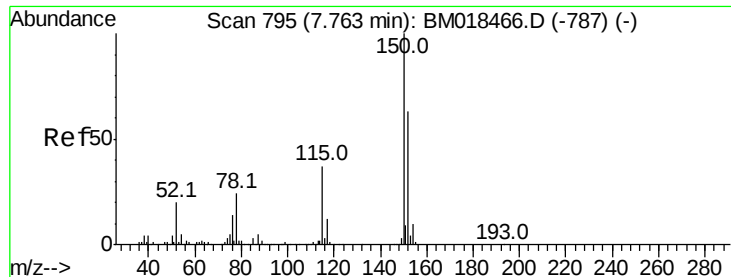
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018626.D
Acq On : 17 Jan 2019 22:21
Operator : JU/SJ
Sample : K1167-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

Quant Time: Jan 18 06:09:05 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



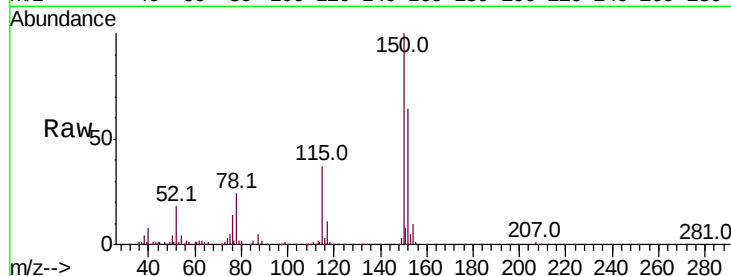


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	57.8	45.5	68.3

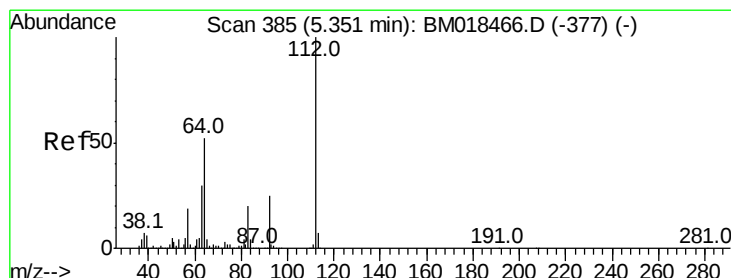
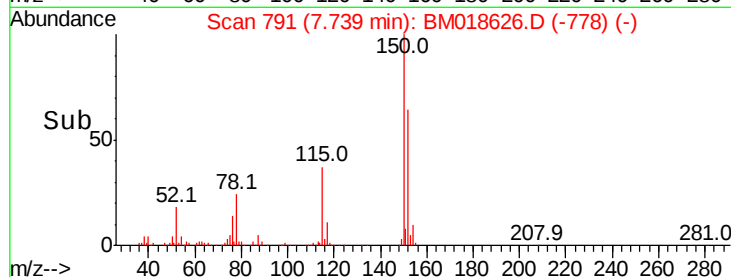
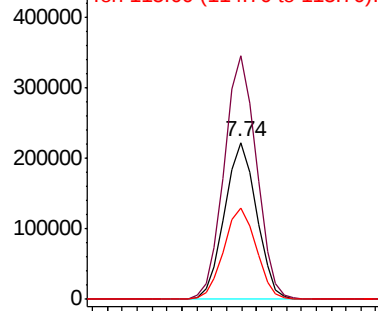


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

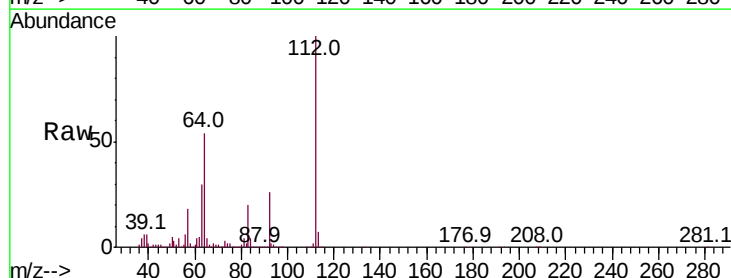
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.772 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.5	69.7
63	29.6	25.2	37.8

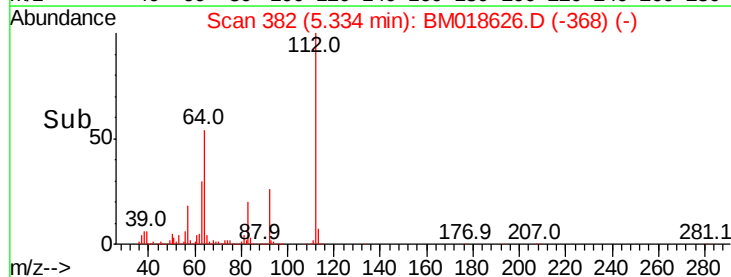
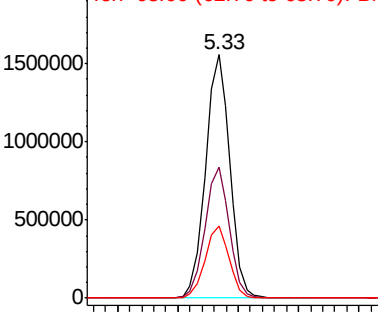


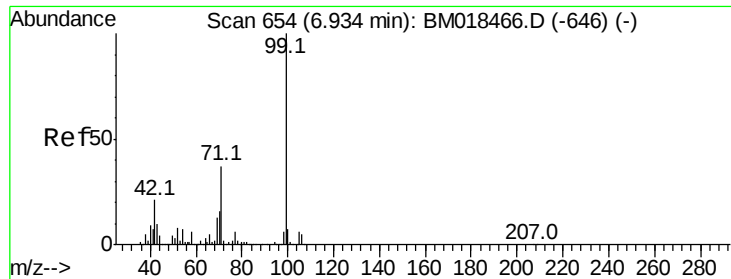
Abundance

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: 105.477 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

Instrument :

BNA_M

ClientSampleId :

JDHS-SOUTH-1

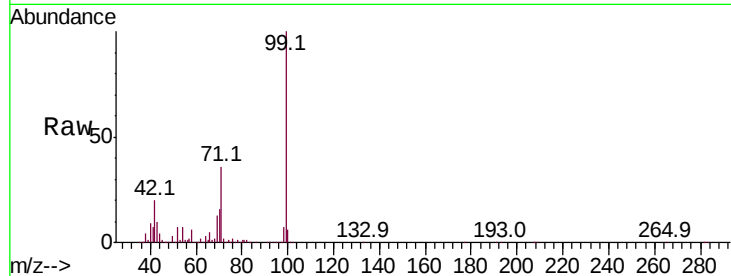
Tot Ion: 99 Resp: 2403750

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 35.8 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) (-)

6.92

1500000

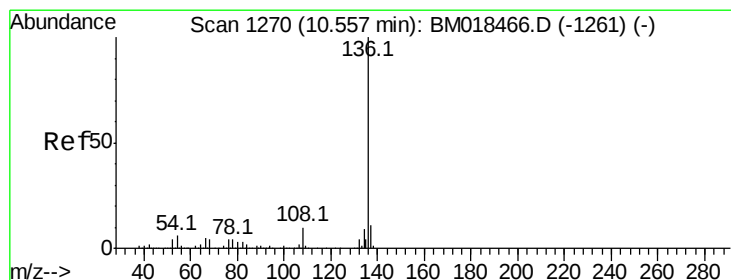
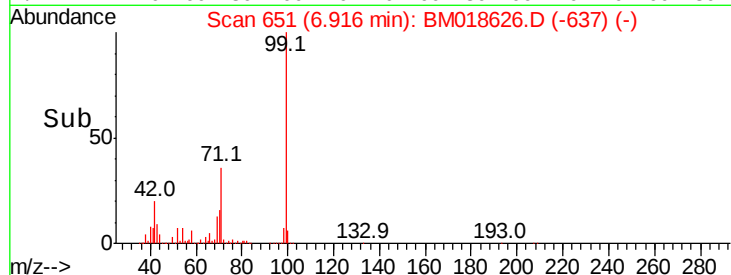
1000000

500000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

Tgt Ion:136 Resp: 1271005

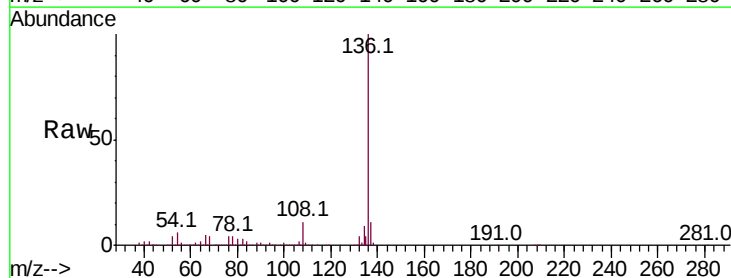
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.1 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) (-)

10.53

1200000

1000000

800000

600000

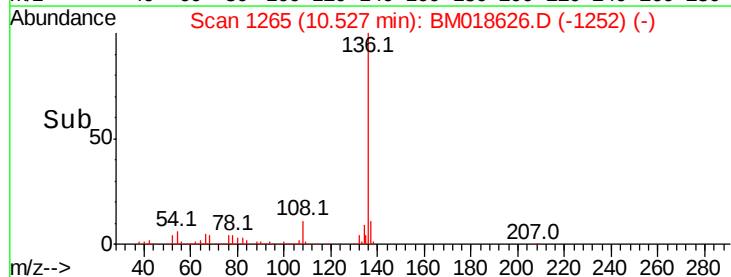
400000

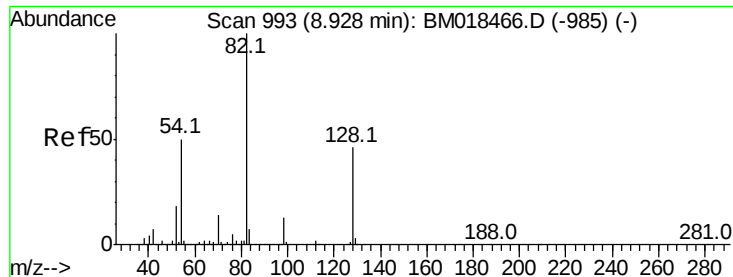
200000

0

10.50 10.55 10.60

Time-->

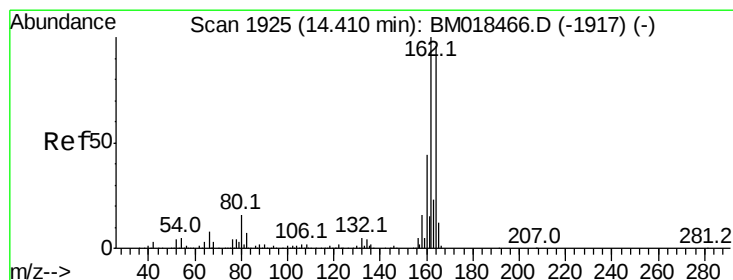
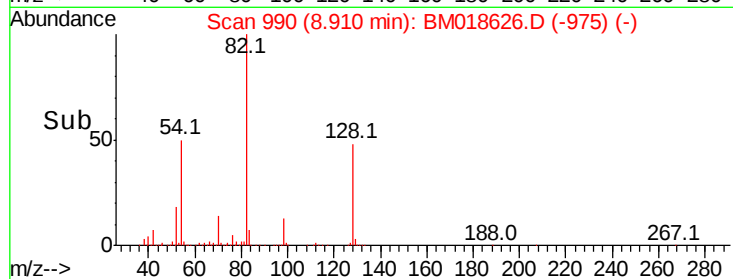
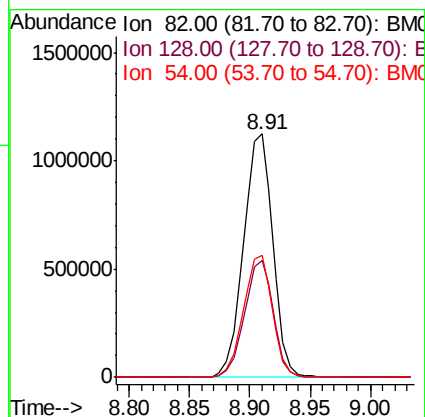
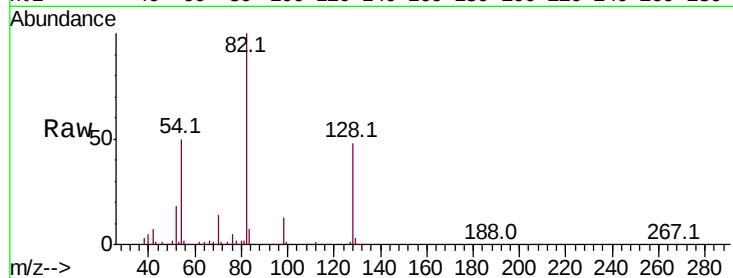




#23
Nitrobenzene-d5
Concen: 86.893 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

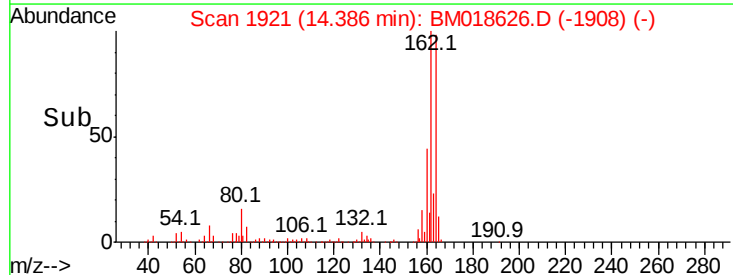
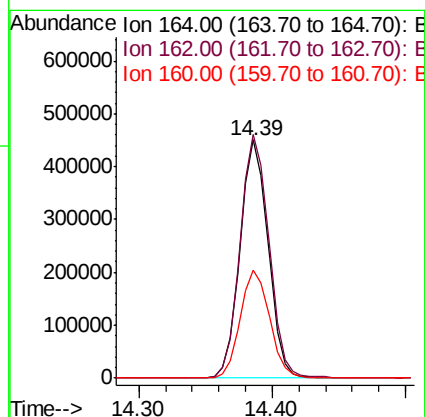
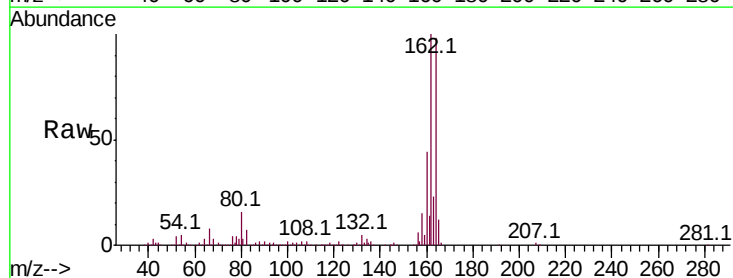
Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

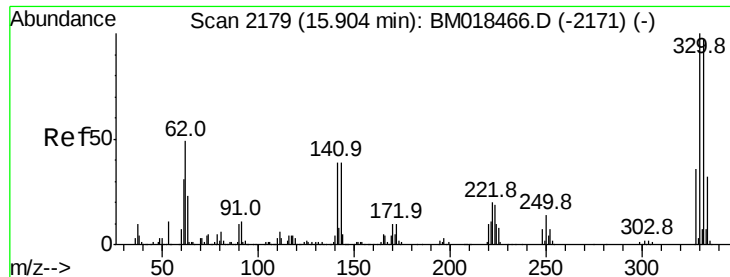
Tot Ion: 82 Resp: 1905116
Ion Ratio Lower Upper
82 100
128 48.2 36.3 54.5
54 50.0 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

Tgt Ion:164 Resp: 656739
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 45.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 122.415 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

Instrument :

BNA_M

ClientSampleId :

JDHS-SOUTH-1

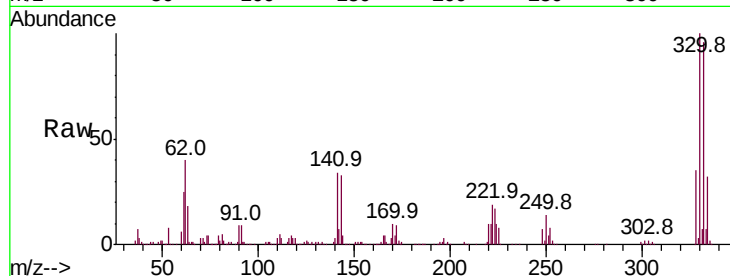
Tot Ion:330 Resp: 1023652

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

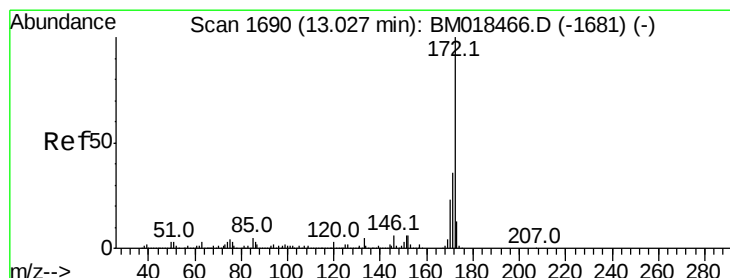
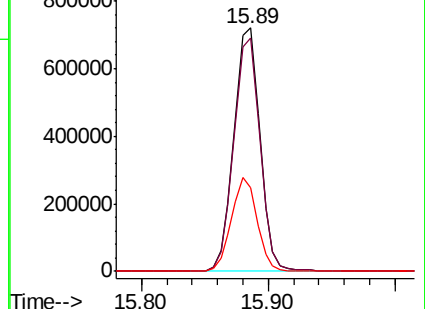
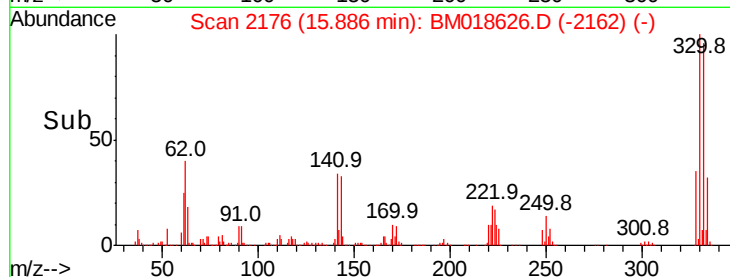
141 38.0 31.7 47.5



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: 88.443 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

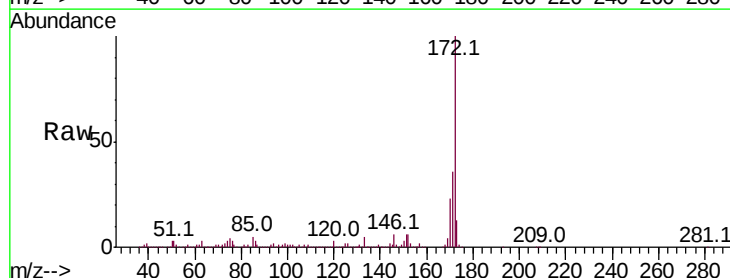
Tgt Ion:172 Resp: 4451366

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

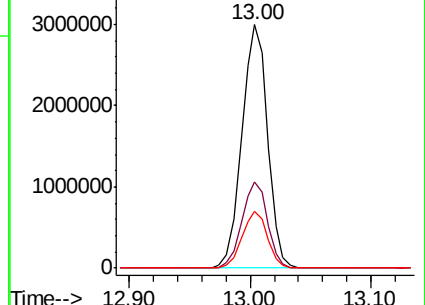
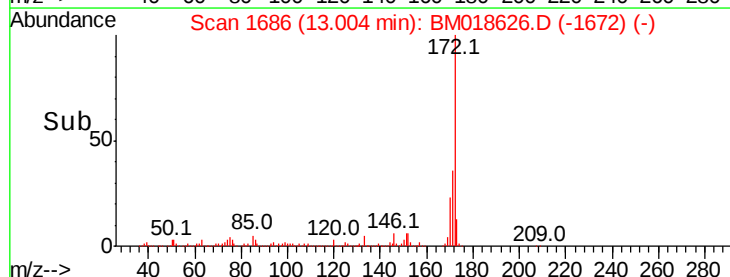
170 23.4 18.9 28.3

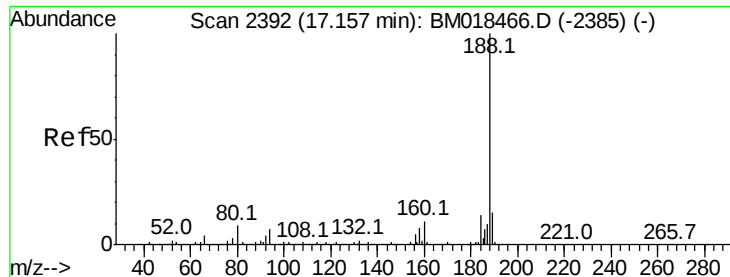


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

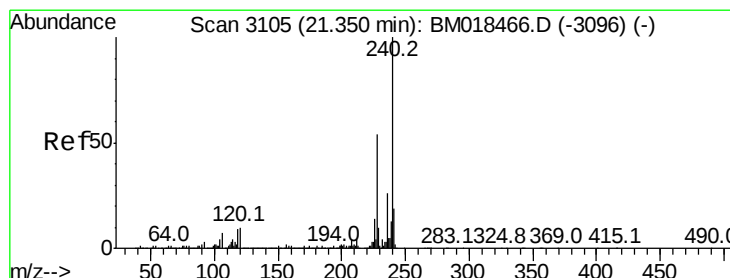
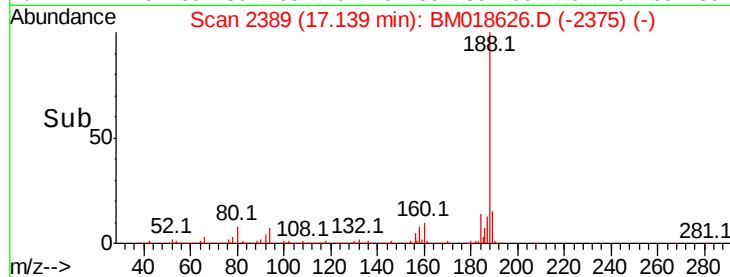
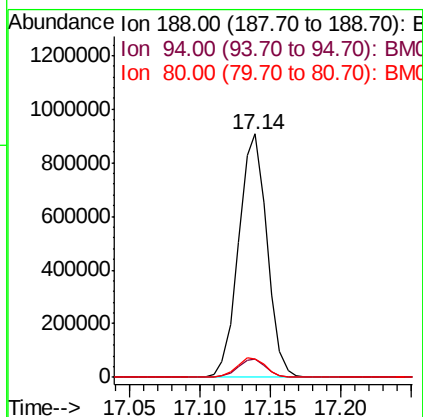
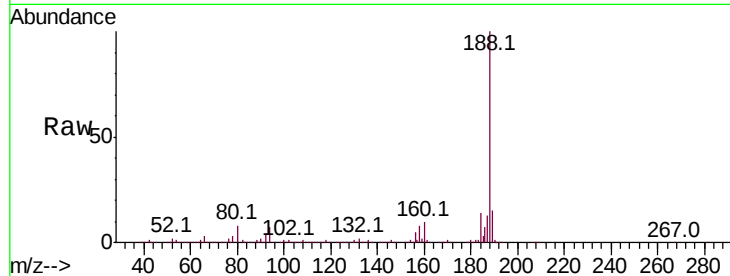




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

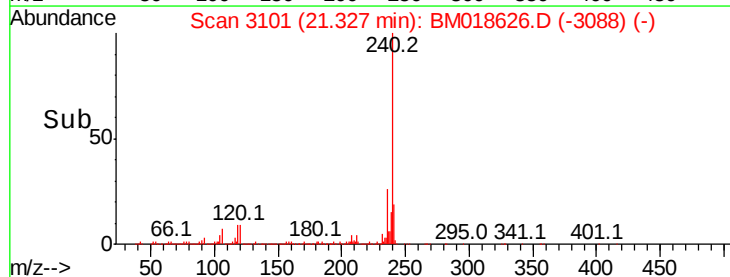
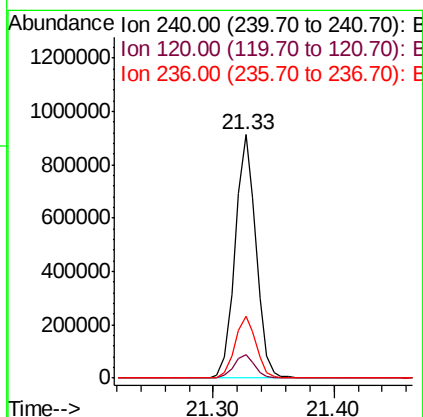
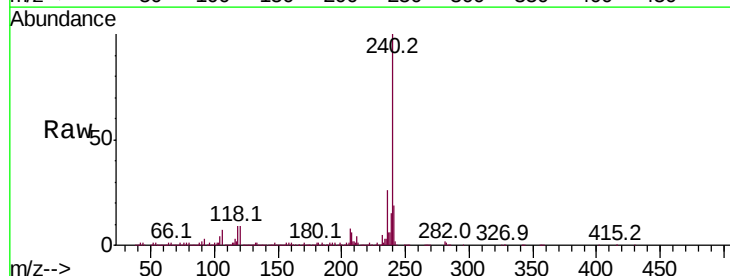
Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

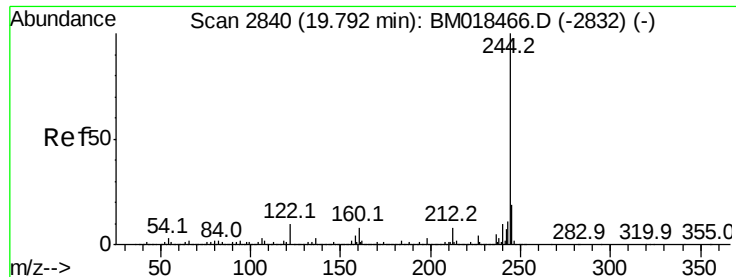
Tot Ion:188 Resp: 1271866
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

Tgt Ion:240 Resp: 1102398
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 97.744 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

Instrument :

BNA_M

ClientSampleId :

JDHS-SOUTH-1

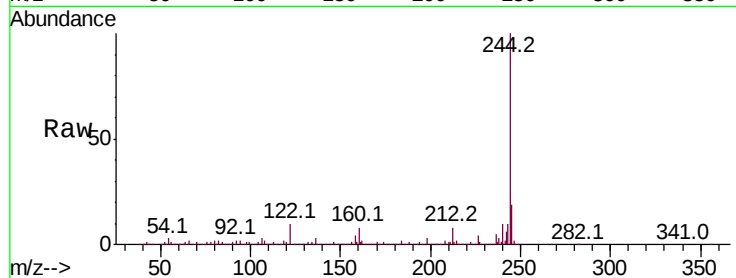
Tot Ion:244 Resp: 5111544

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

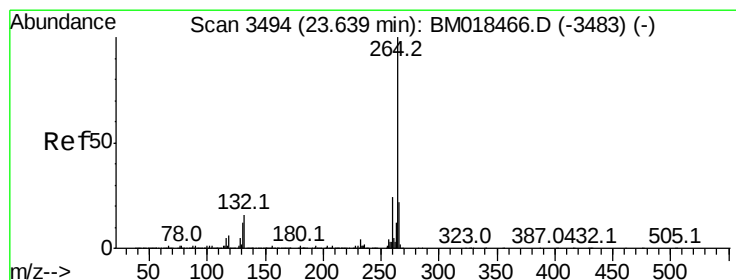
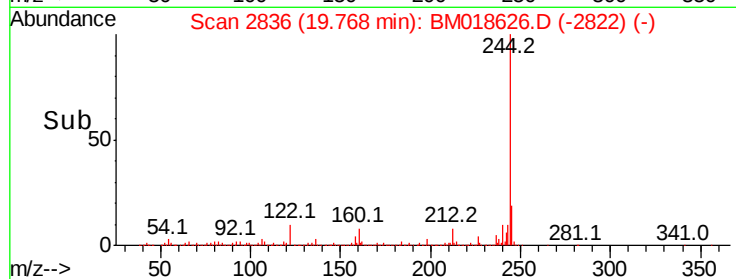
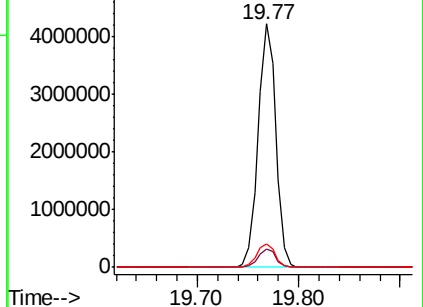
122 9.9 9.0 13.4



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: BM018626.D

Acq: 17 Jan 2019 22:21

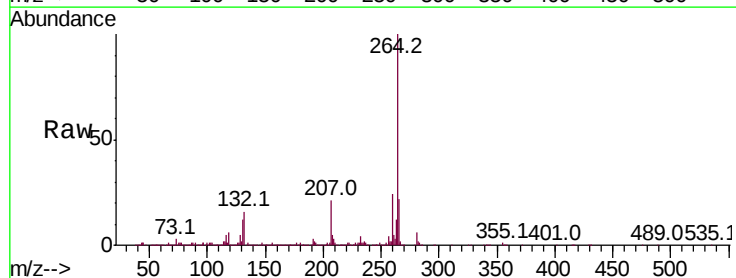
Tgt Ion:264 Resp: 1154089

Ion Ratio Lower Upper

264 100

260 24.0 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

