

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 04:46:20 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

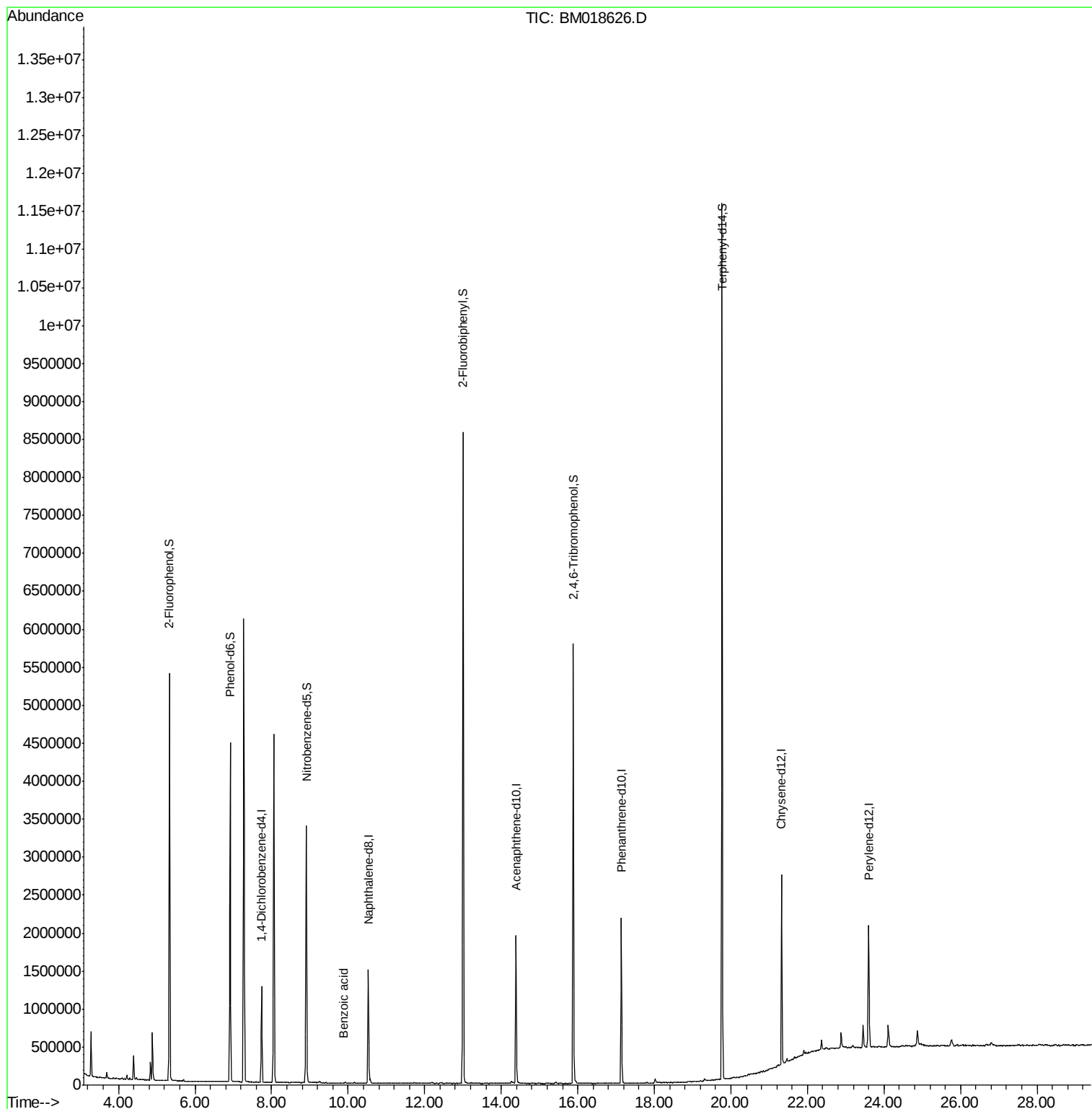
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	331310	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1271005	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	656739	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1271866	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	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						
32) Benzoic acid	9.87	122	321	6.528	ng	Qvalue # 54

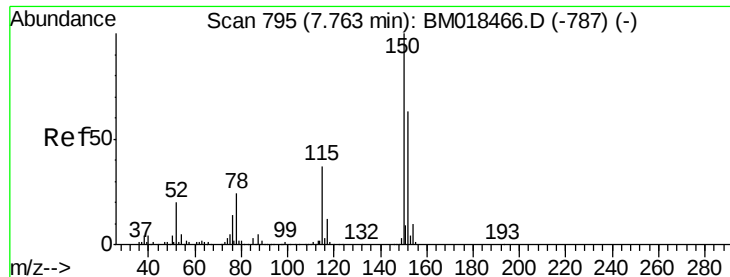
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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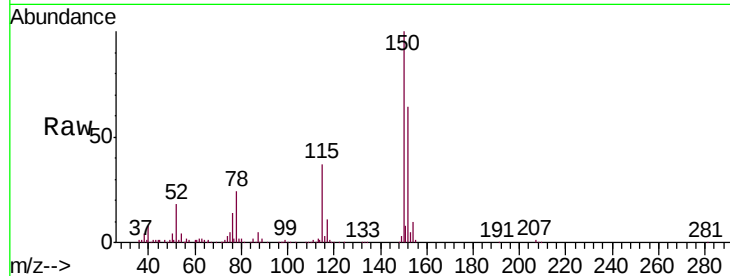


#1

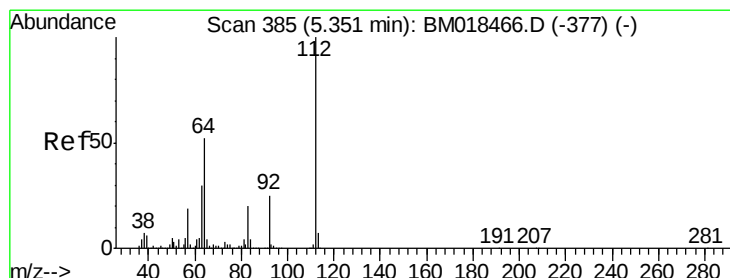
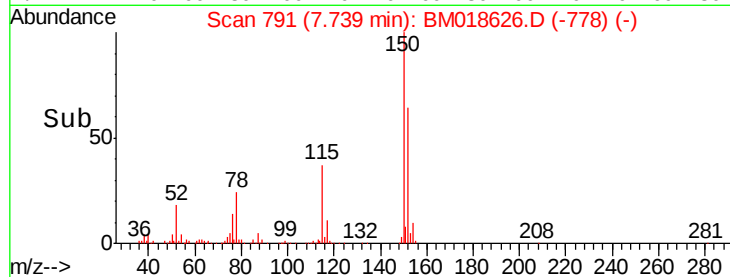
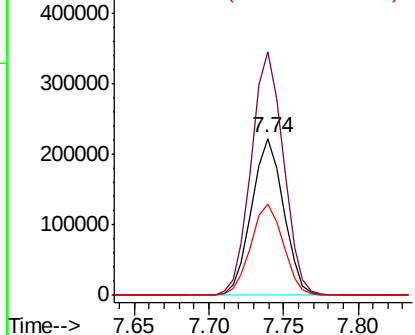
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

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



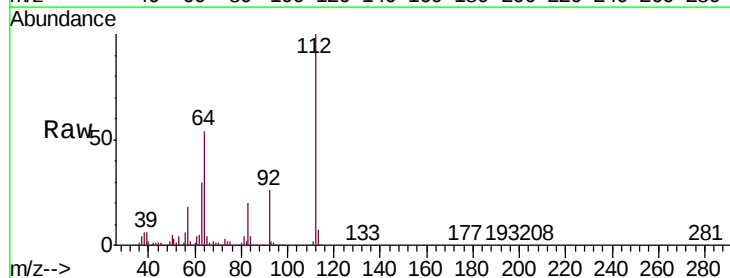
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



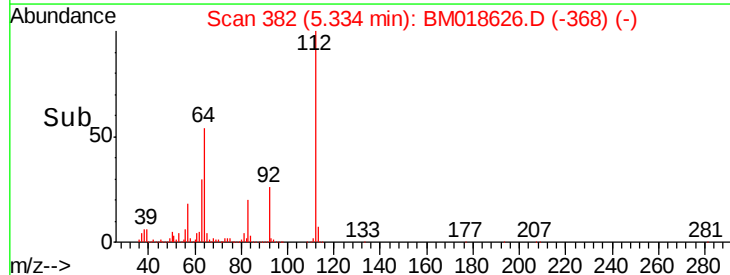
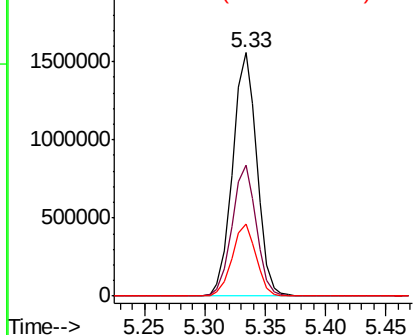
#5

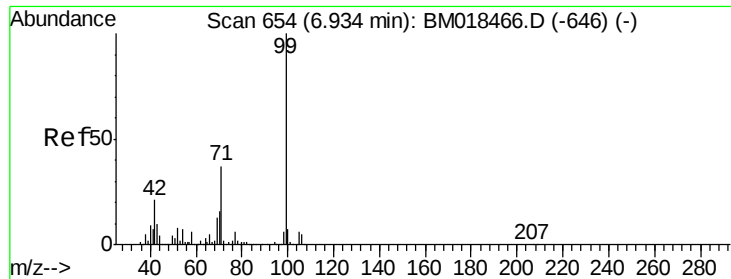
2-Fluorophenol
Concen: 121.772 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

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

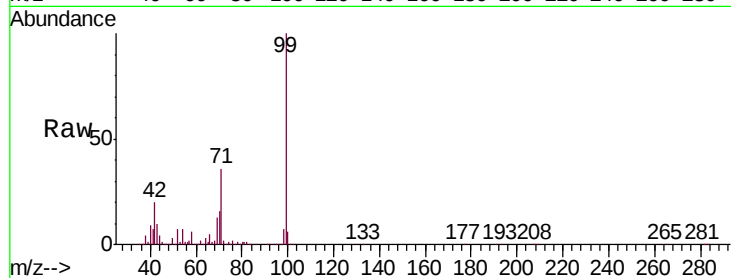
Tgt Ion: 99 Resp: 2403750

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

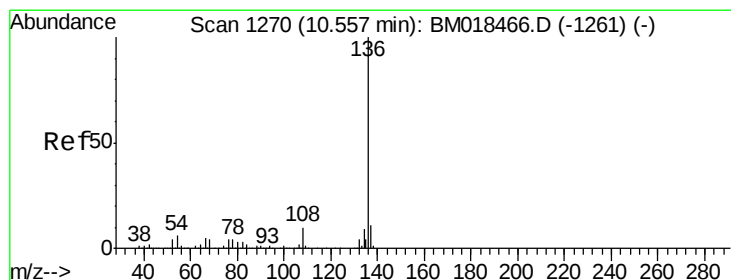
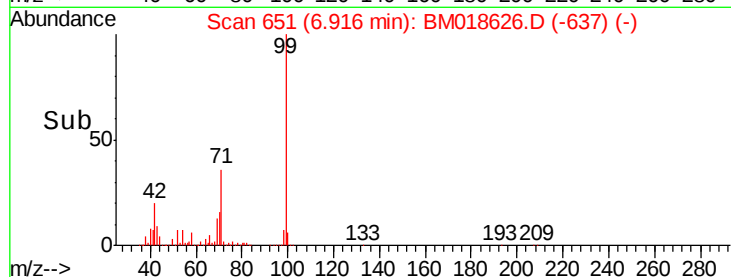
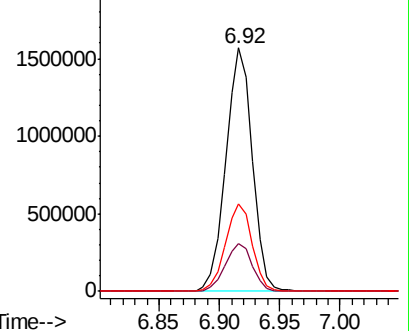
71 35.8 28.0 42.0



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) (-)



#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

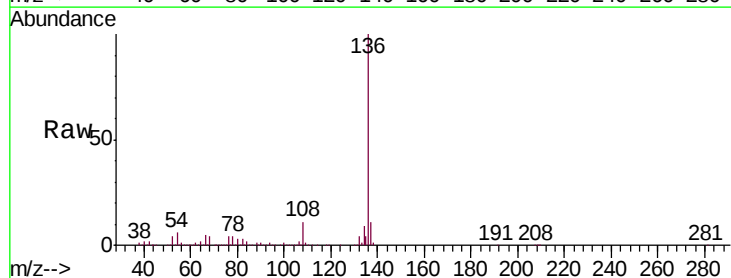
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.1 6.0 9.0

68 4.5 4.5 6.7#

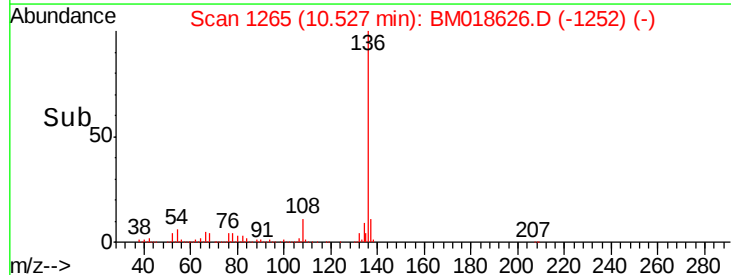
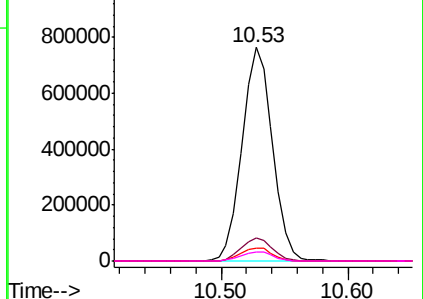


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)





#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

ClientSampled :

JDHS-SOUTH-1

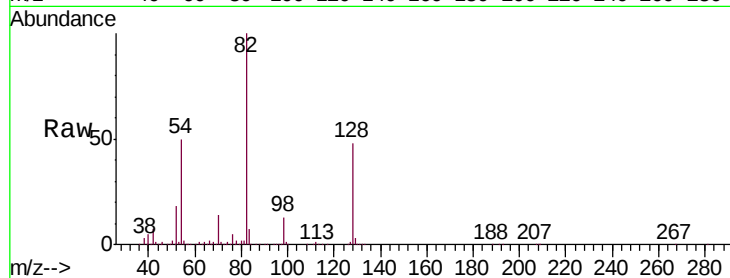
Tgt Ion: 82 Resp: 1905116

Ion Ratio Lower Upper

82 100

128 48.2 36.3 54.5

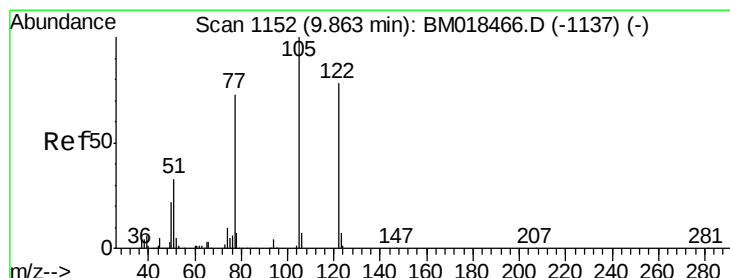
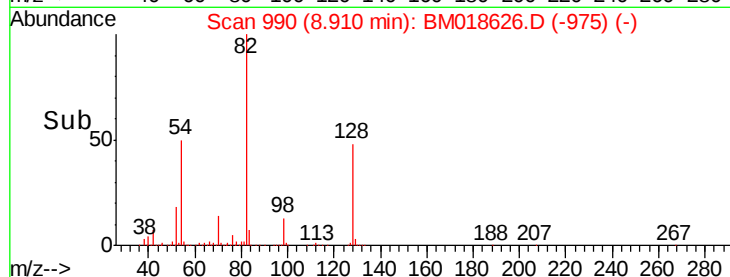
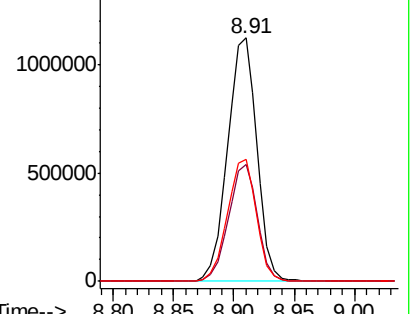
54 50.0 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018626.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM018626.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM018626.D (-975) (-)



#32

Benzoic acid

Concen: 6.528 ng

RT: 9.87 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BM018626.D

Acq: 17 Jan 2019 22:21

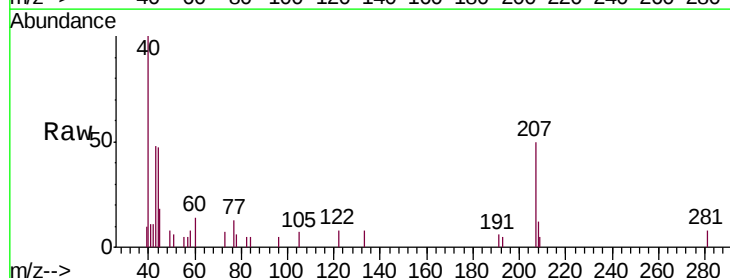
Tgt Ion: 122 Resp: 321

Ion Ratio Lower Upper

122 100

105 83.9 100.4 140.4#

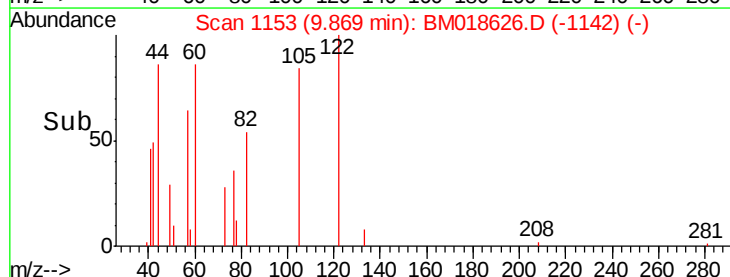
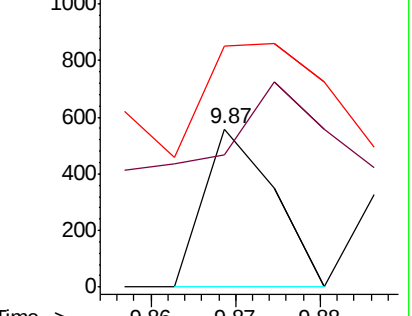
77 152.6 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): BM018626.D (-1142) (-)

Ion 105.00 (104.70 to 105.70): BM018626.D (-1142) (-)

Ion 77.00 (76.70 to 77.70): BM018626.D (-1142) (-)

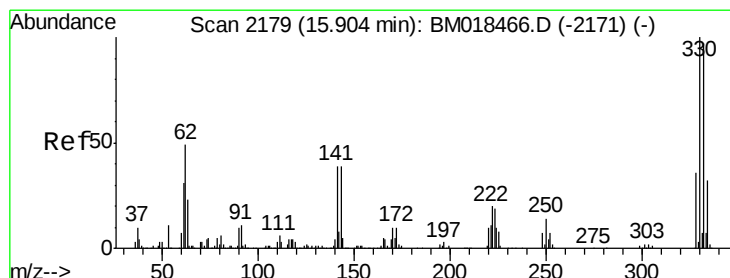
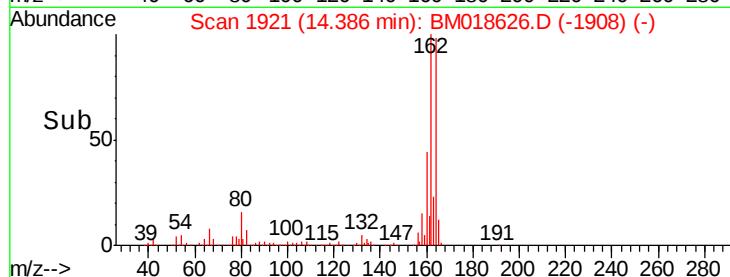
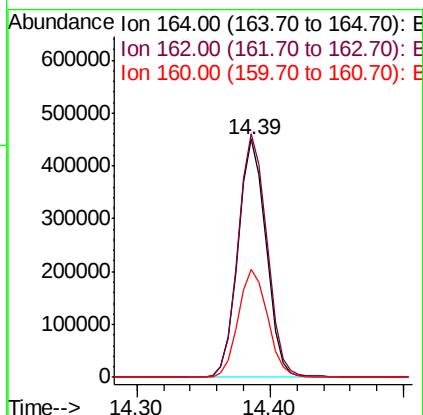
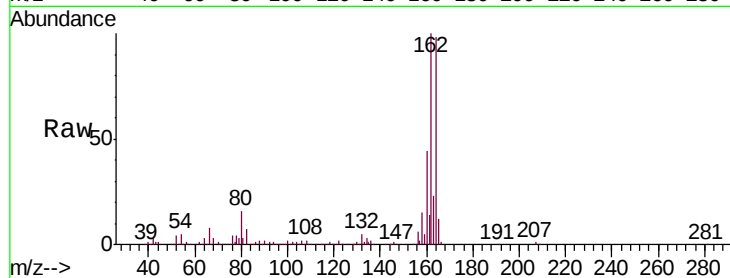




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

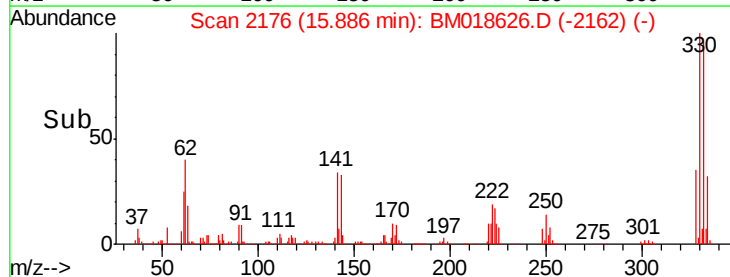
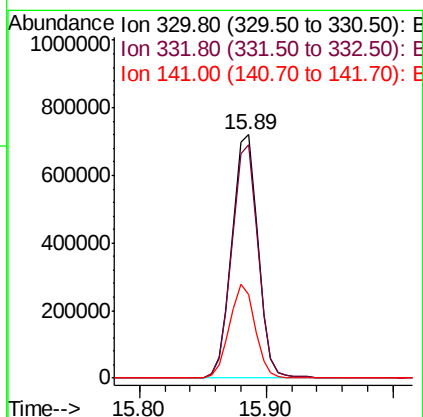
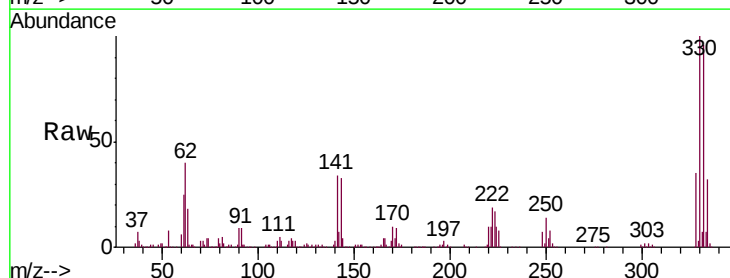
Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

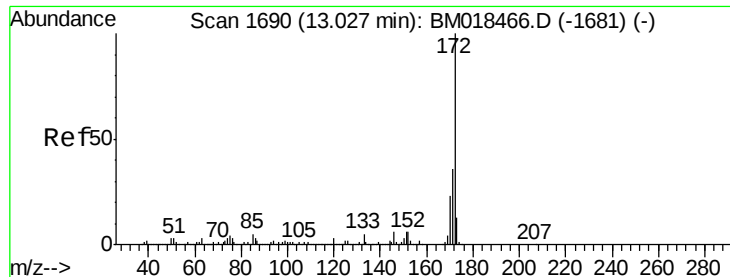
Tgt Ion:164 Resp: 656739
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 45.2 37.1 55.7



#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

Tgt Ion:330 Resp: 1023652
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 38.0 31.7 47.5





#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

Instrument :

BNA_M

ClientSampleId :

JDHS-SOUTH-1

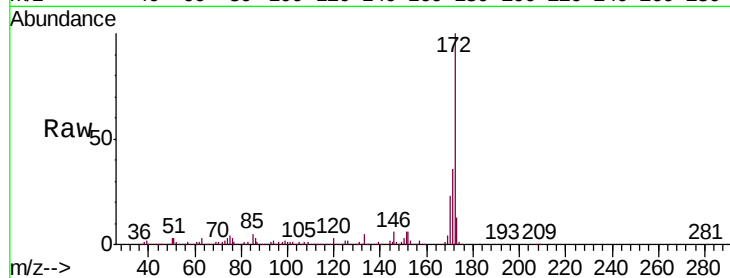
Tgt Ion:172 Resp: 4451366

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

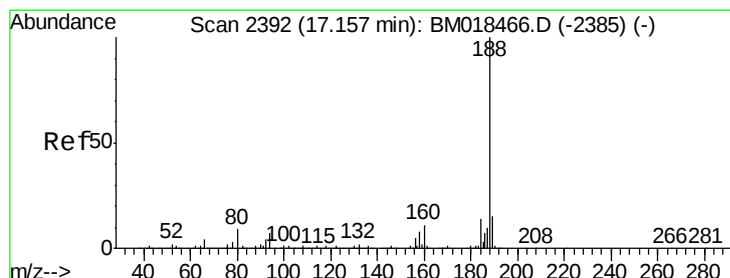
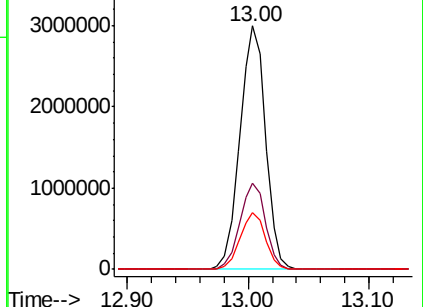
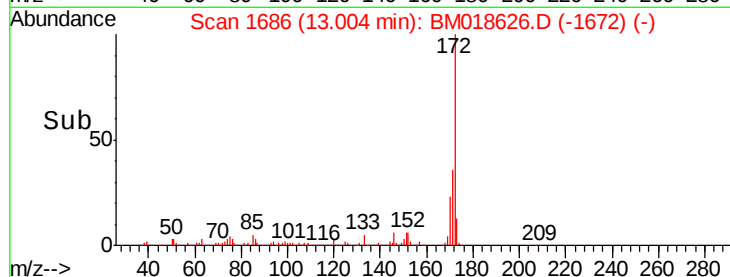
170 23.4 18.9 28.3



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

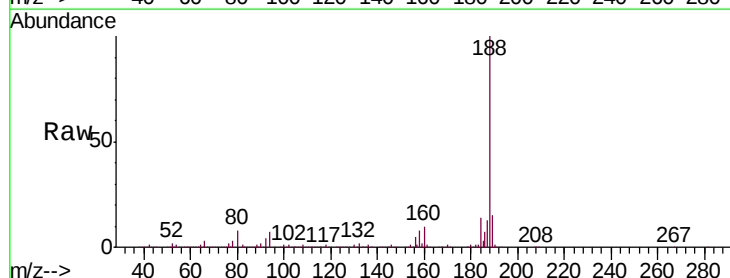
Tgt Ion:188 Resp: 1271866

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

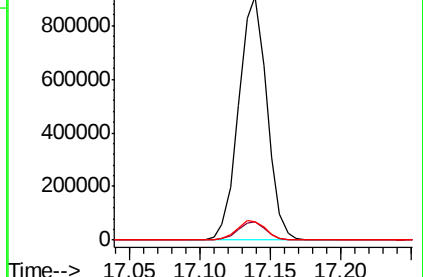
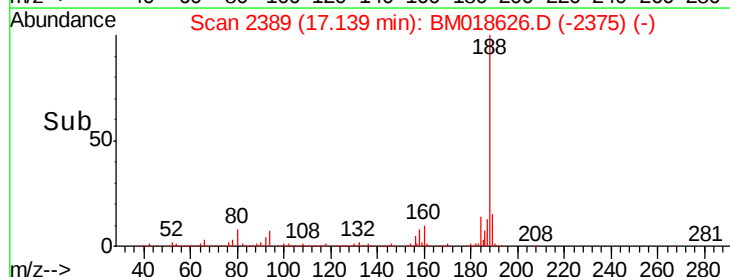
80 7.6 7.6 11.4#

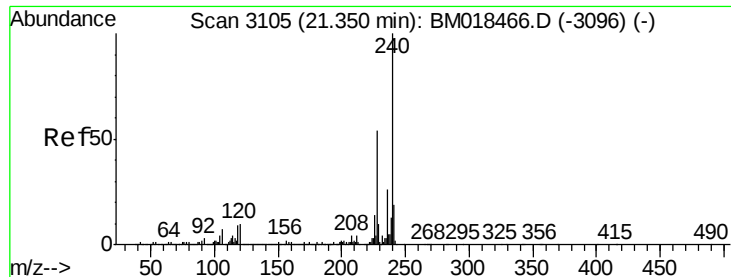


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

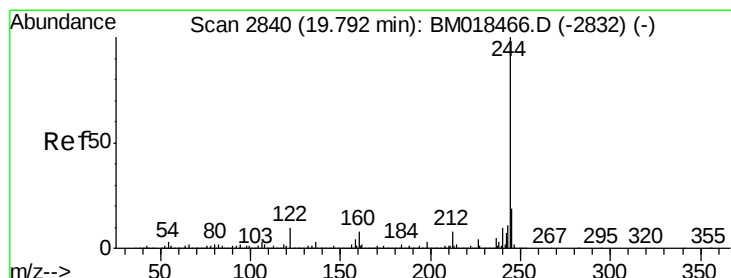
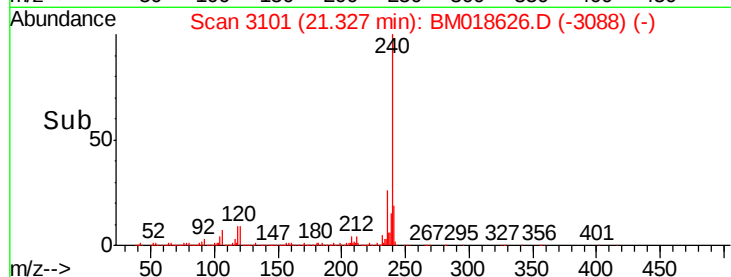
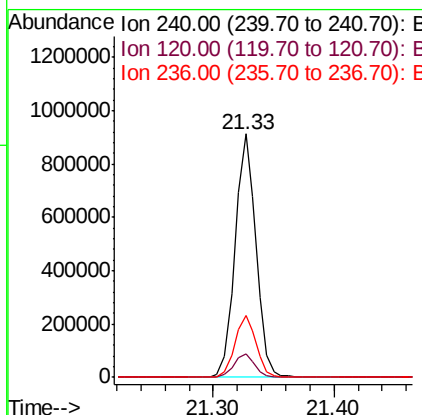
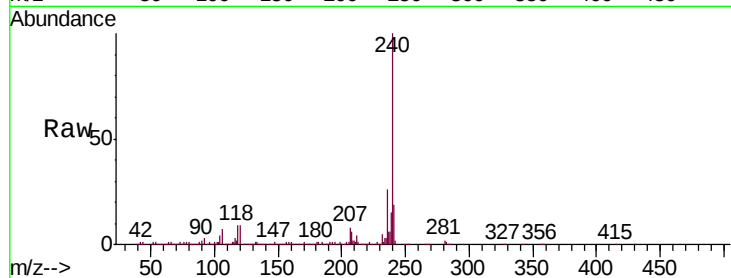




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018626.D
Acq: 17 Jan 2019 22:21

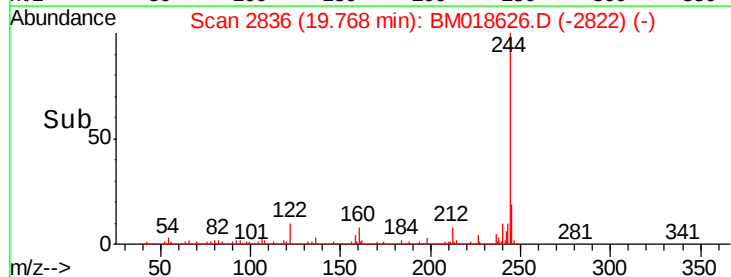
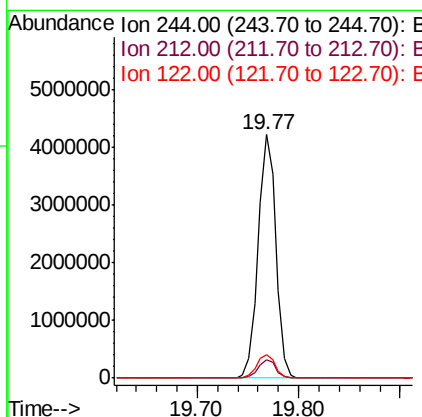
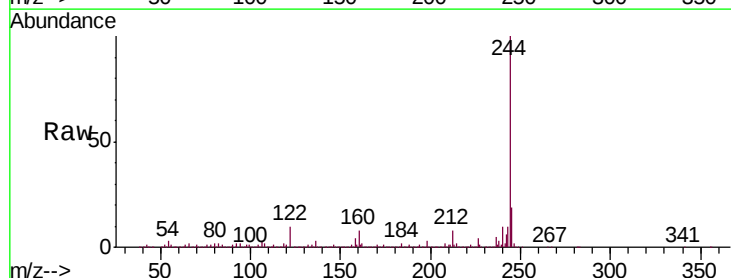
Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

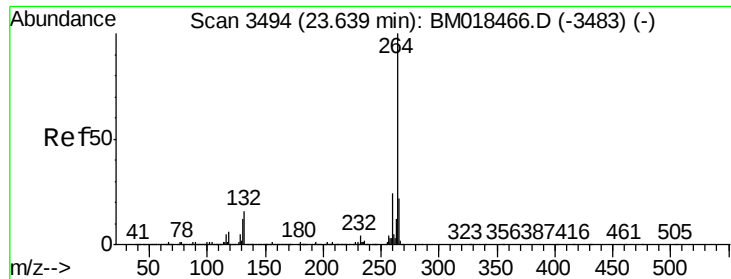
Tgt Ion:240 Resp: 1102398
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.6 20.7 31.1



#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

Tgt Ion:244 Resp: 5111544
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.9 9.0 13.4





#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

Instrument :
BNA_M
ClientSampleId :
JDHS-SOUTH-1

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

