

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 04:46:37 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

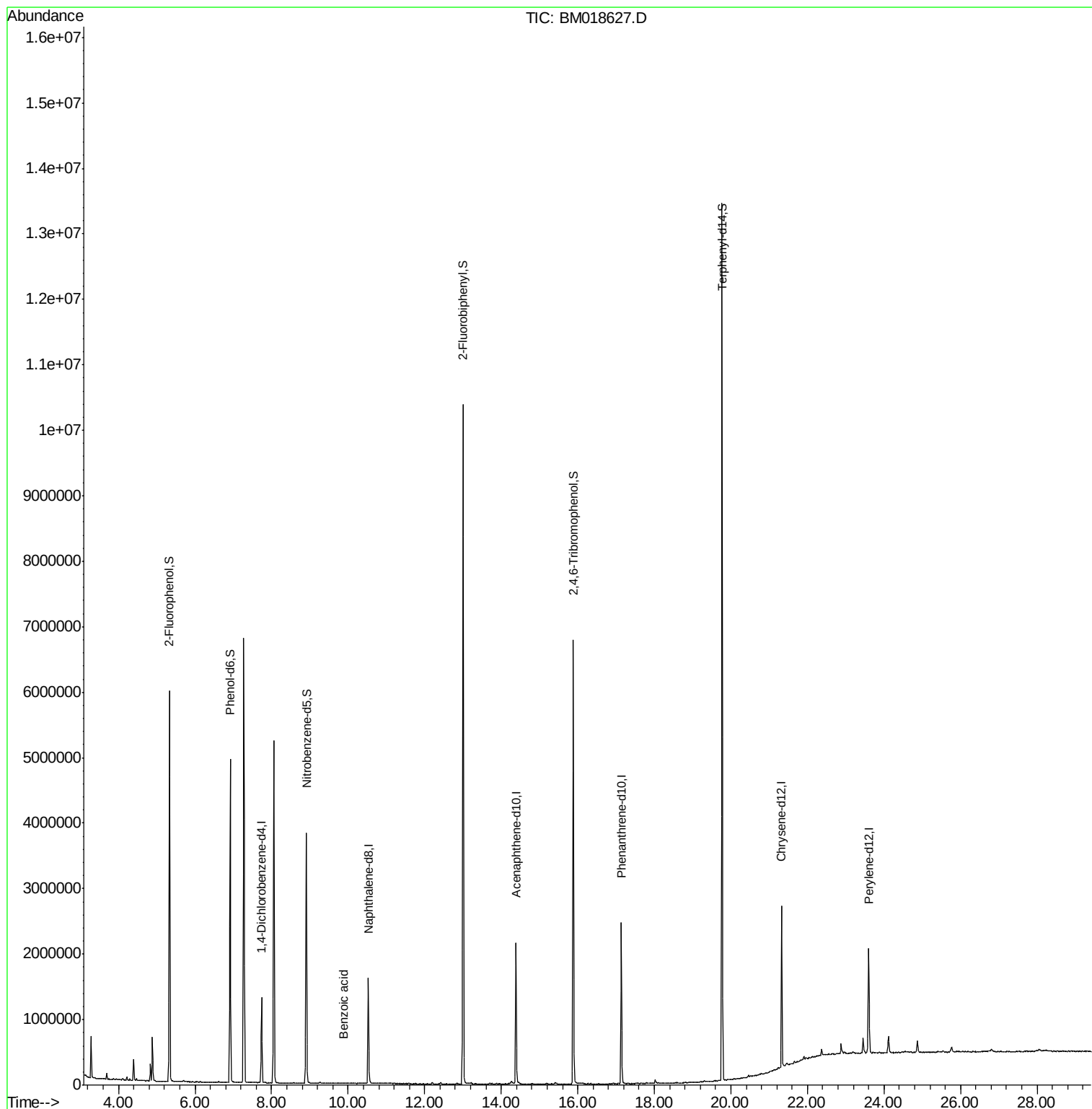
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	345783	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1337998	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	715758	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1433199	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	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						
32) Benzoic acid	9.88	122	255	6.522	ng	Qvalue # 54

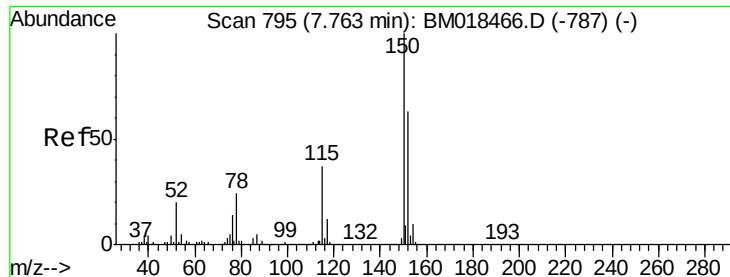
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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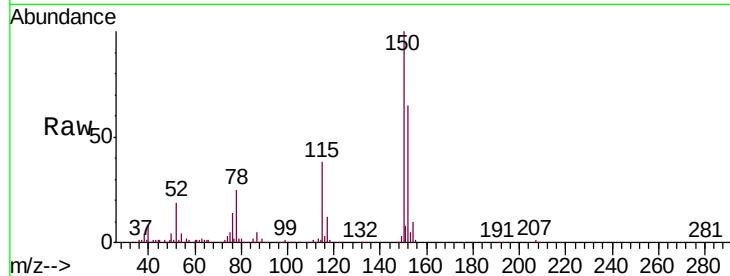


#1

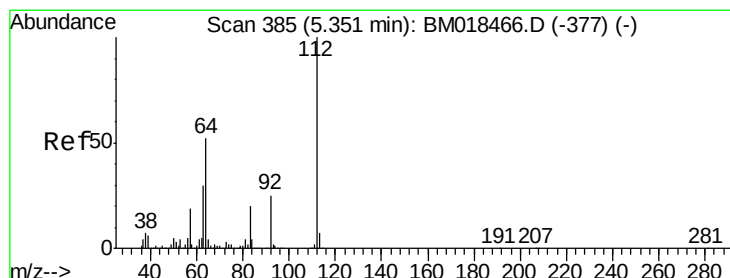
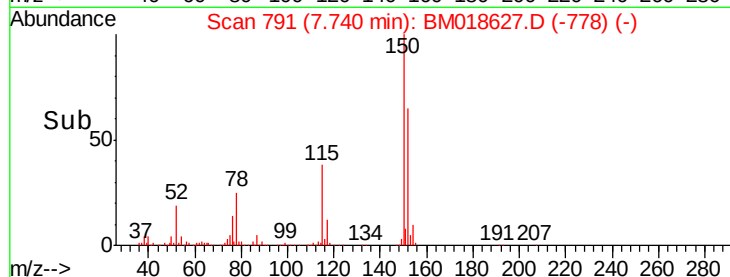
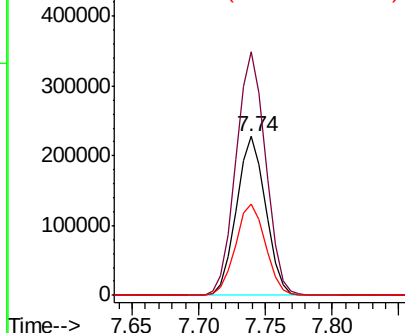
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

Instrument :
BNA_M
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.9	190.3
115	57.8	45.5	68.3



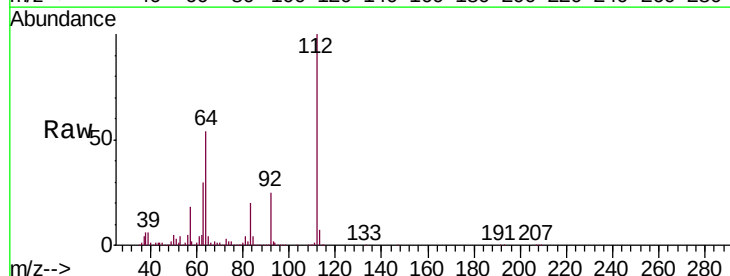
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



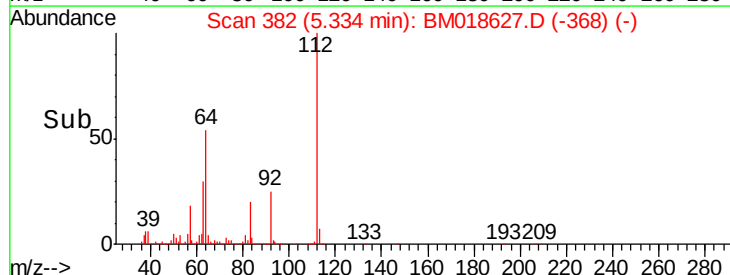
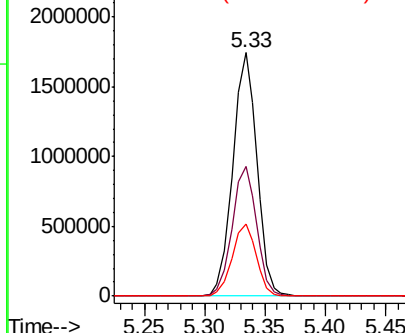
#5

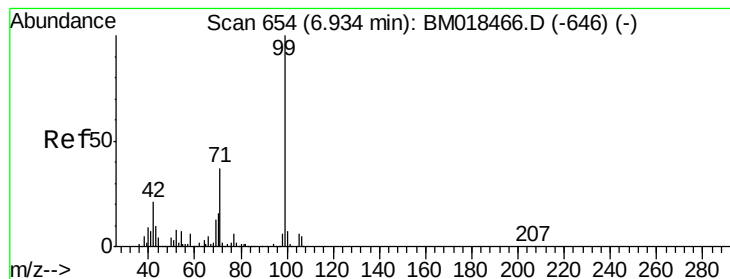
2-Fluorophenol
Concen: 129.756 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

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

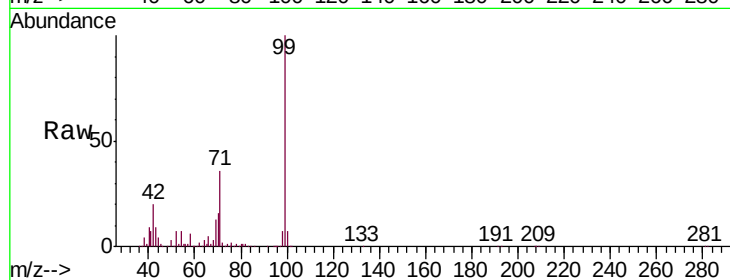
Tgt Ion: 99 Resp: 2716386

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

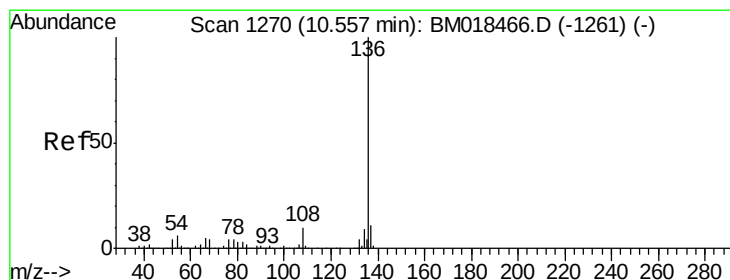
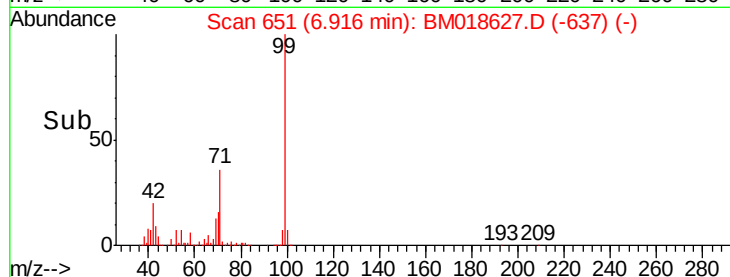
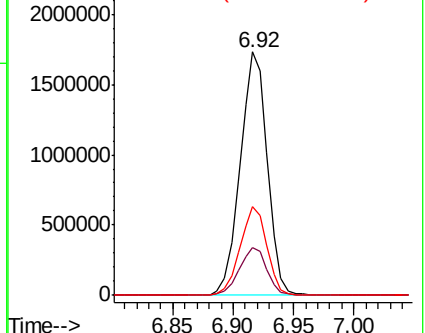
71 36.2 28.0 42.0



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

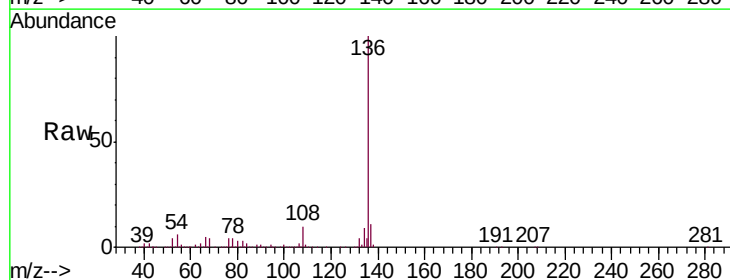
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.3 6.0 9.0

68 4.5 4.5 6.7

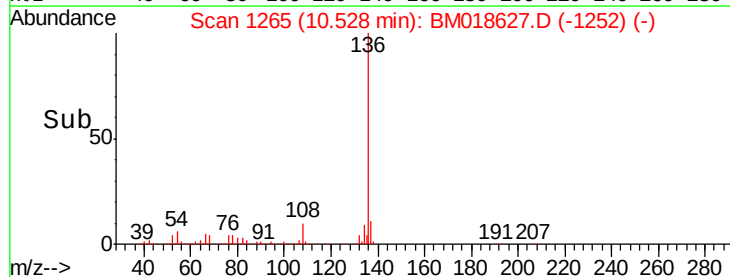
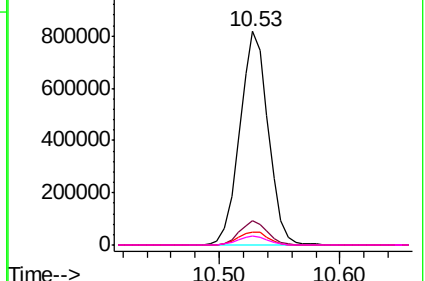


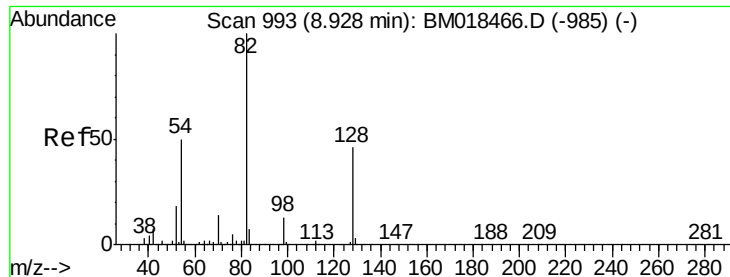
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

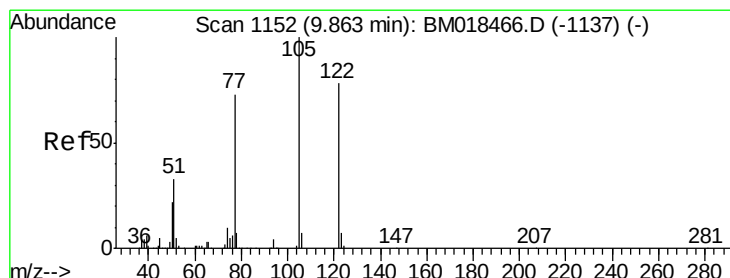
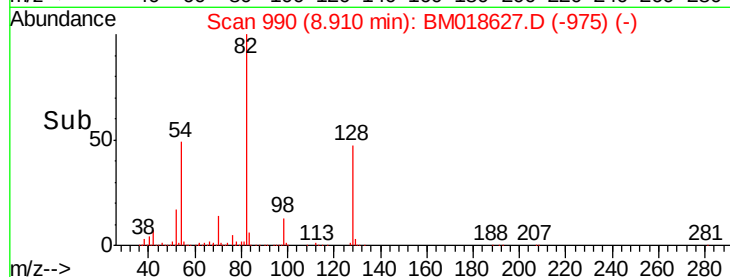
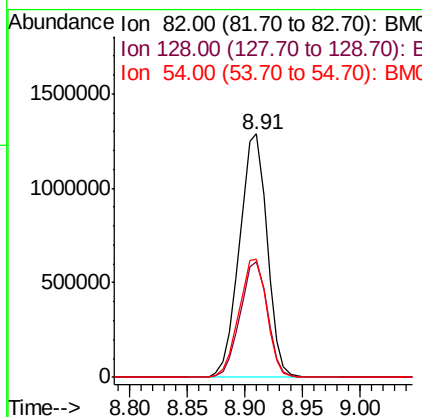
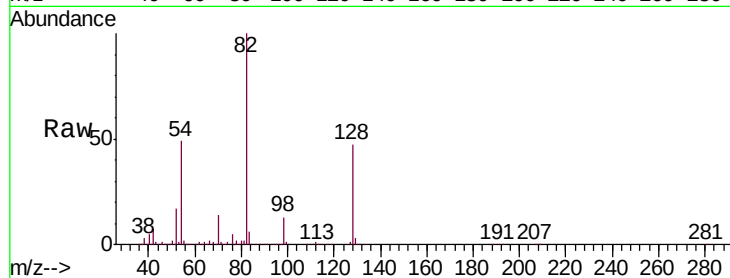




#23
 Nitrobenzene-d5
 Concen: 92.905 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM018627.D
 Acq: 17 Jan 2019 22:57

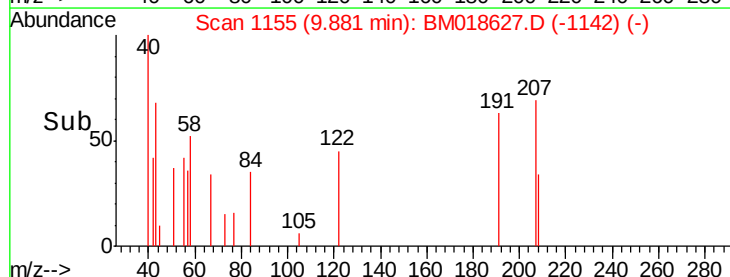
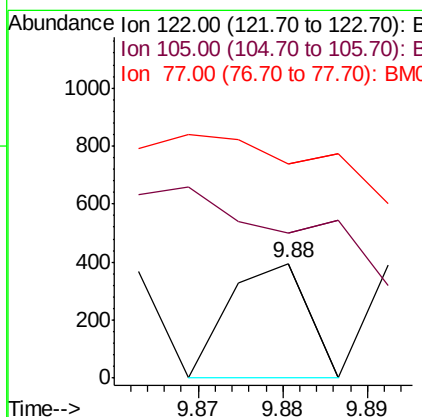
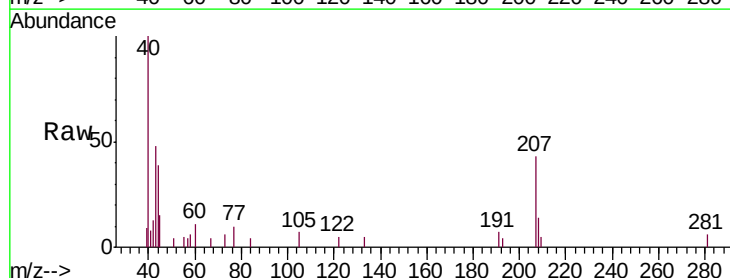
Instrument :
 BNA_M
 ClientSampleId :
 JDHS-NORTH-2

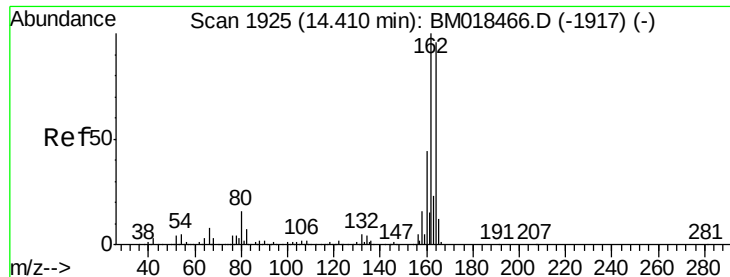
Tgt Ion: 82 Resp: 2144293
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 48.6 41.7 62.5



#32
 Benzoic acid
 Concen: 6.522 ng
 RT: 9.88 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BM018627.D
 Acq: 17 Jan 2019 22:57

Tgt Ion: 122 Resp: 255
 Ion Ratio Lower Upper
 122 100
 105 126.8 100.4 140.4
 77 186.8 71.7 111.7#

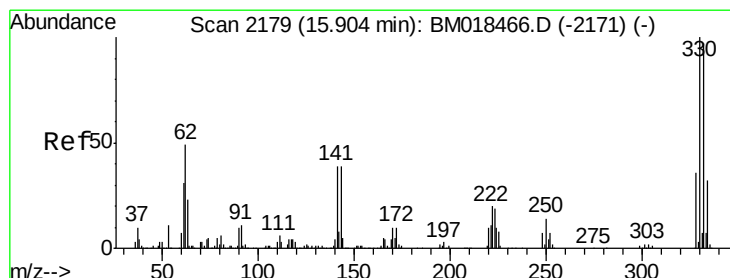
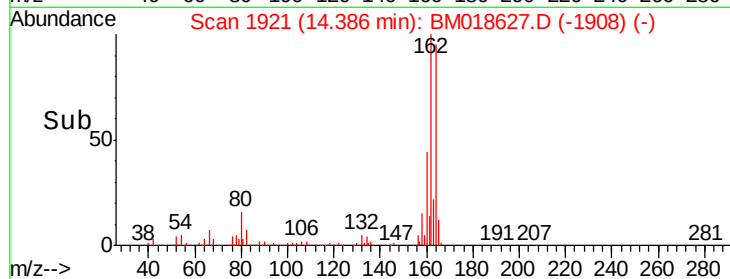
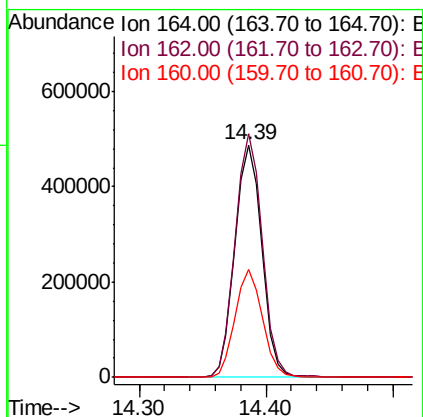
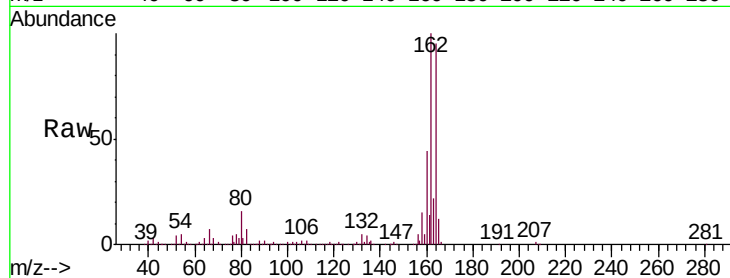




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

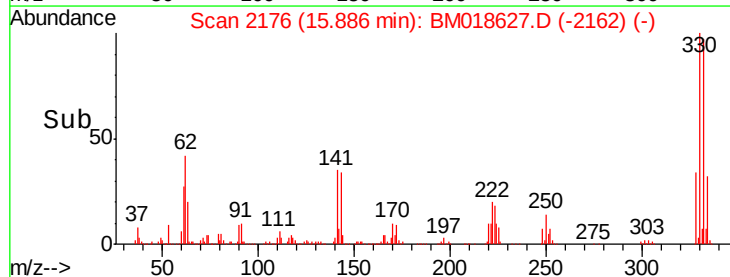
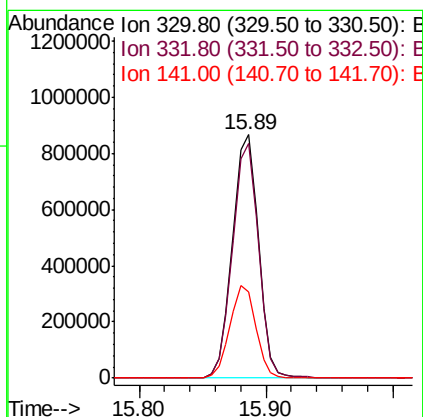
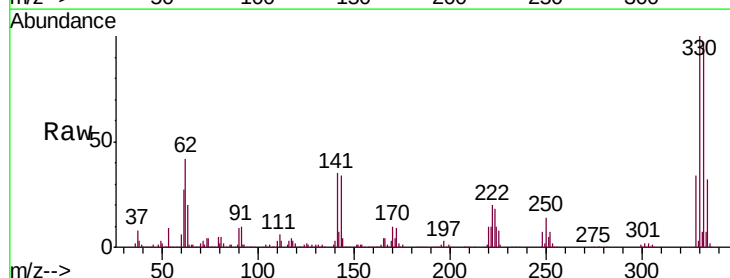
Instrument :
BNA_M
ClientSampleId :
JDHS-NORTH-2

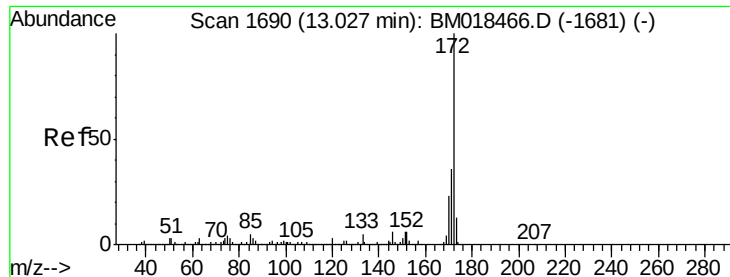
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.4	37.1	55.7



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	38.1	31.7	47.5

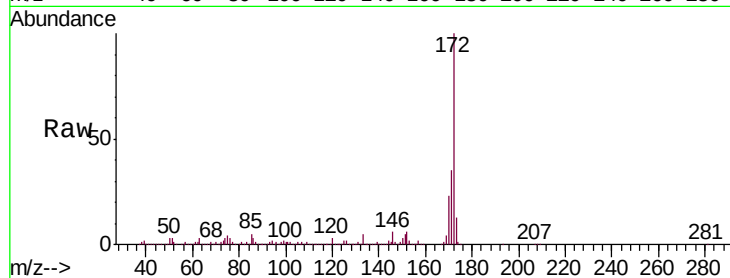




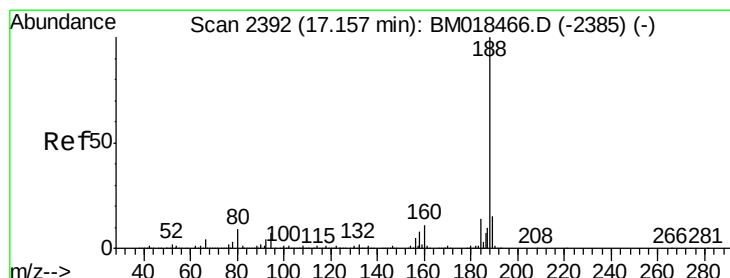
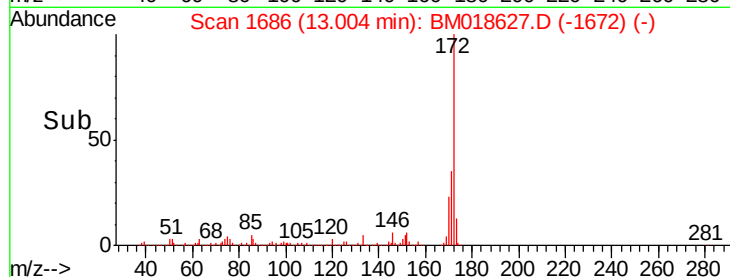
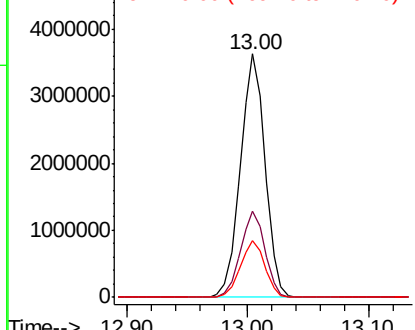
#45
2-Fluorobiphenyl
Concen: 94.289 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018627.D
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Instrument :
BNA_M
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Tgt Ion:172 Resp: 5172047
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.9 28.3

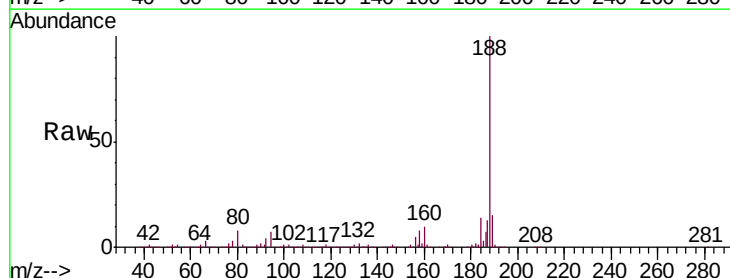


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

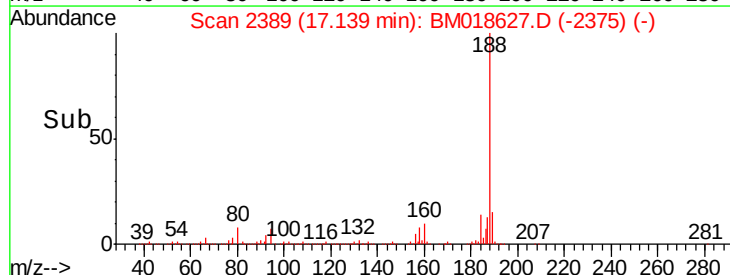
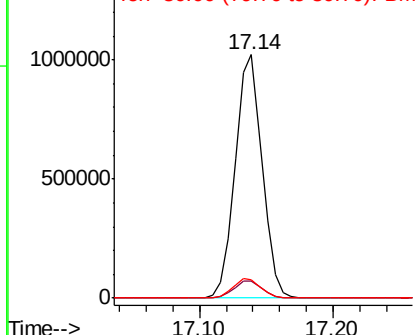


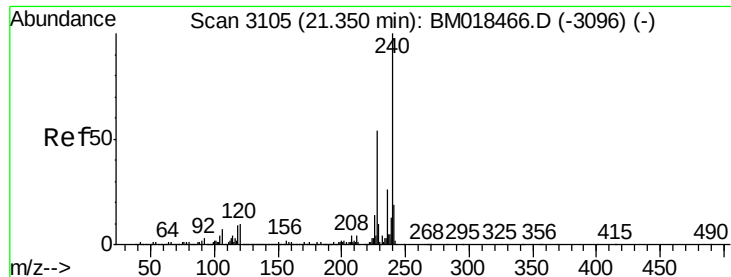
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

Tgt Ion:188 Resp: 1433199
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.7 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

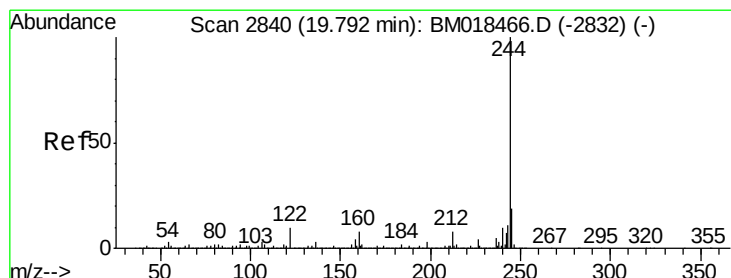
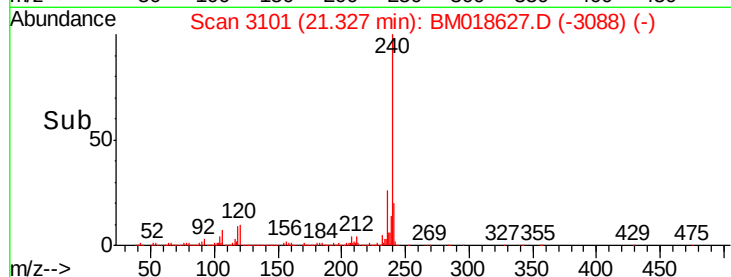
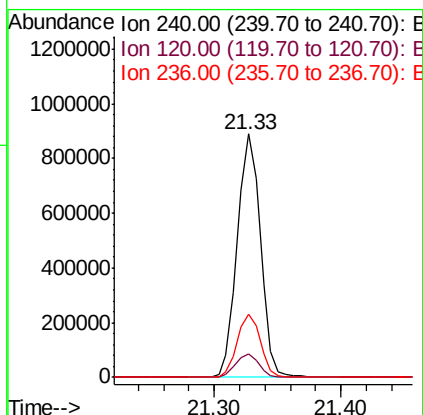
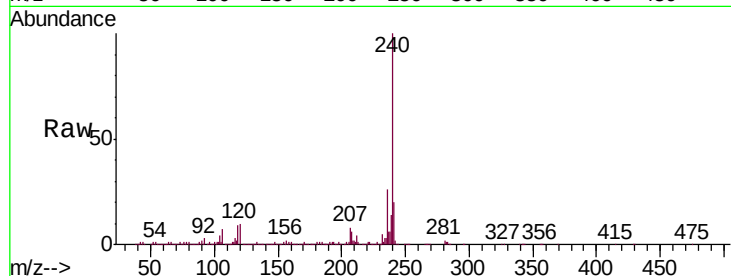




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018627.D
Acq: 17 Jan 2019 22:57

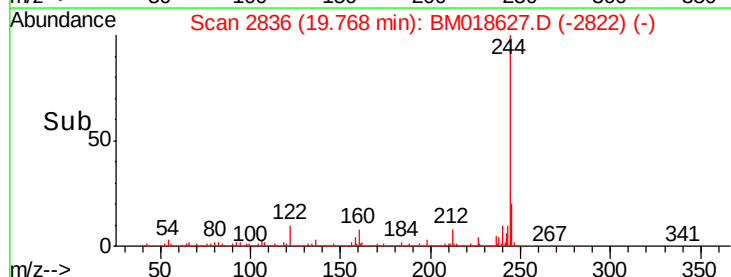
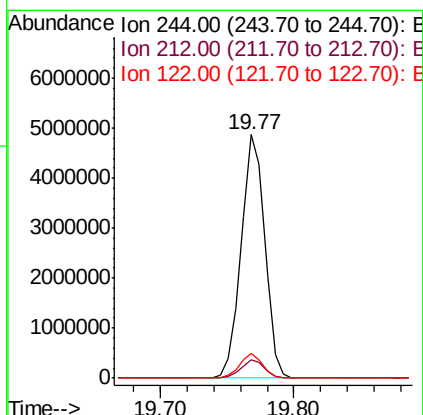
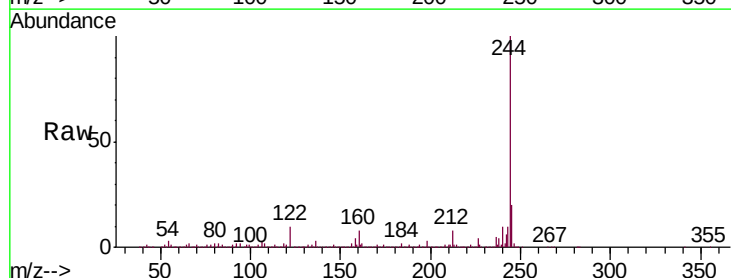
Instrument :
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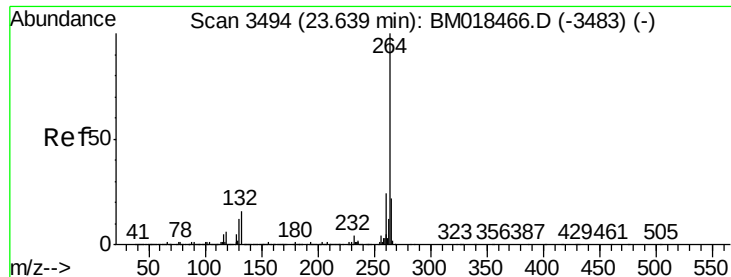
Tgt Ion:240 Resp: 1127647
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 26.0 20.7 31.1



#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

Tgt Ion:244 Resp: 5960209
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.0 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: BM018627.D
Acq: 17 Jan 2019 22:57

Instrument :
BNA_M
ClientSampleId :
JDHS-NORTH-2

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

