

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020687.D
 Acq On : 04 Jun 2019 00:54
 Operator : HP/JU
 Sample : K3097-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0423-HR-3(HACKENSACK)

Quant Time: Jun 04 07:05:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

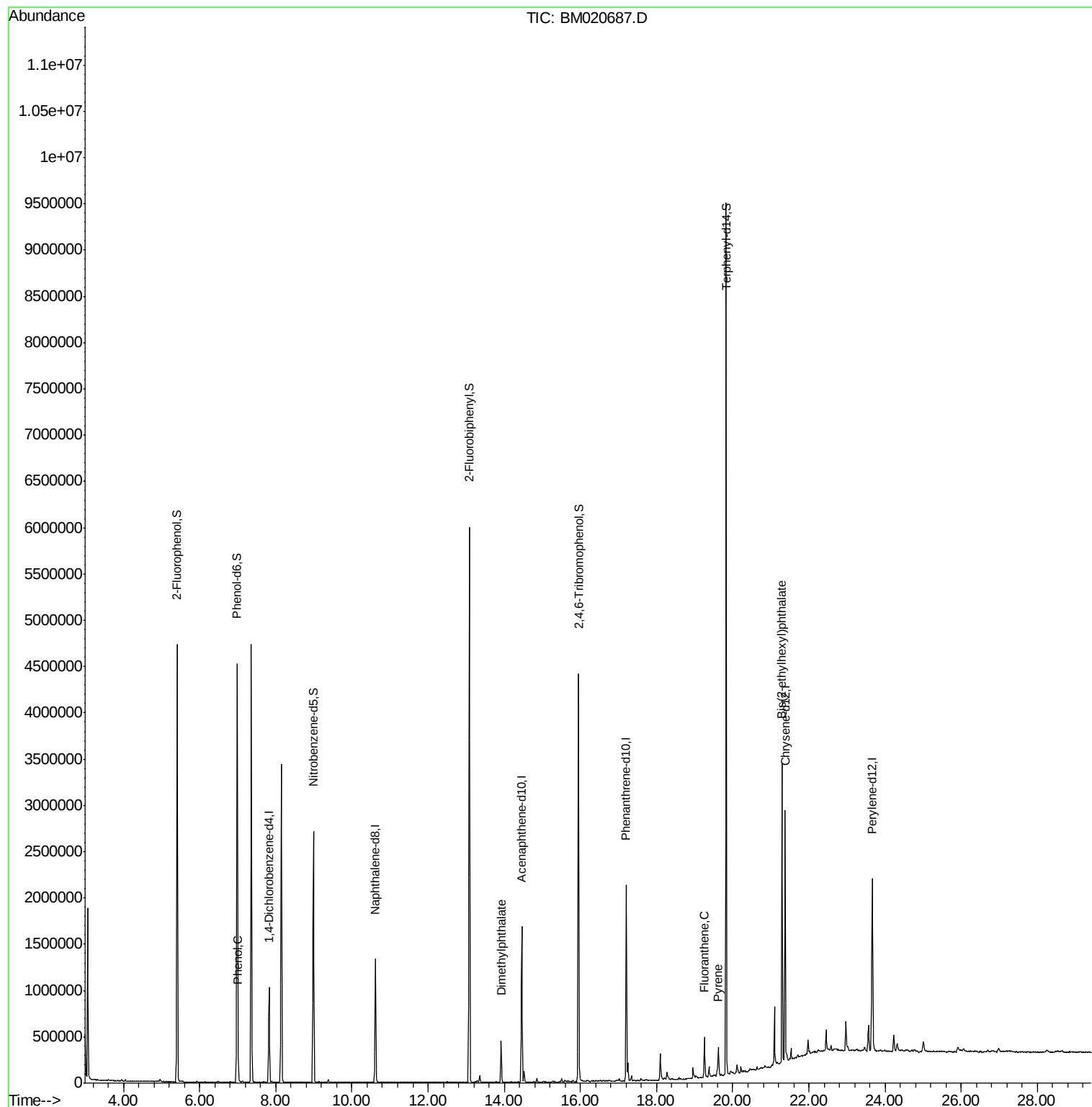
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	268807	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1038803	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	541352	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1165723	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1110868	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1315595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1845596	120.78	ng	0.00
7) Phenol-d6	6.99	99	2516985	111.86	ng	0.00
23) Nitrobenzene-d5	8.99	82	1528771	76.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	806378	120.22	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	3027063	74.34	ng	-0.01
79) Terphenyl-d14	19.83	244	4125491	62.12	ng	-0.02
Target Compounds						
10) Phenol	7.02	94	83289	3.435	ng	98
50) Dimethylphthalate	13.92	163	290833	6.288	ng	99
75) Fluoranthene	19.26	202	240316	3.270	ng	98
78) Pyrene	19.62	202	186162	2.184	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1045229	19.963	ng	97

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

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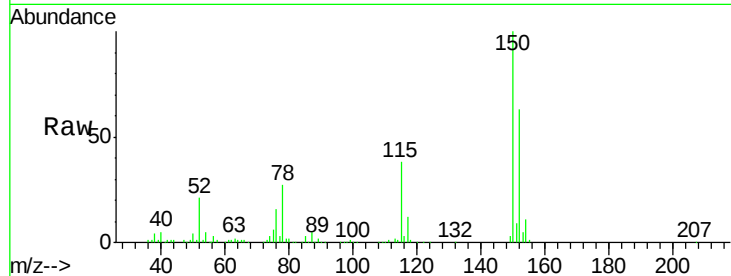


#1

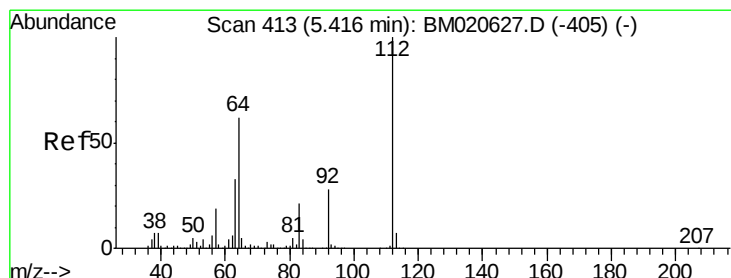
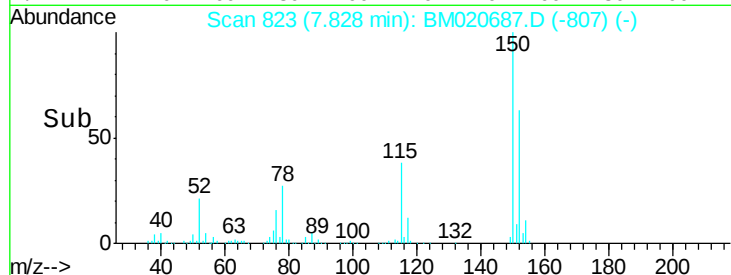
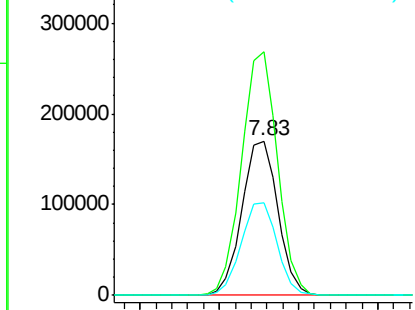
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Instrument :
BNA_M
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:152 Resp: 268807
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 59.8 49.6 74.4



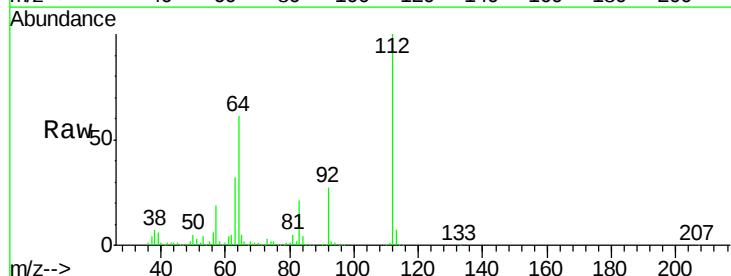
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



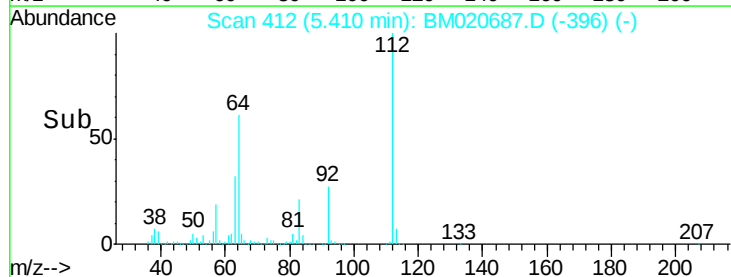
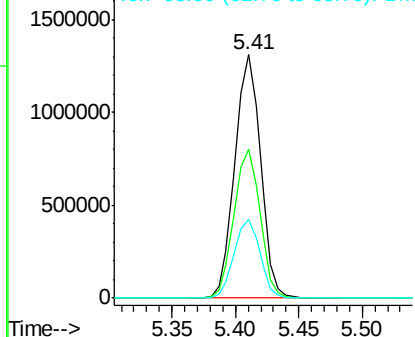
#5

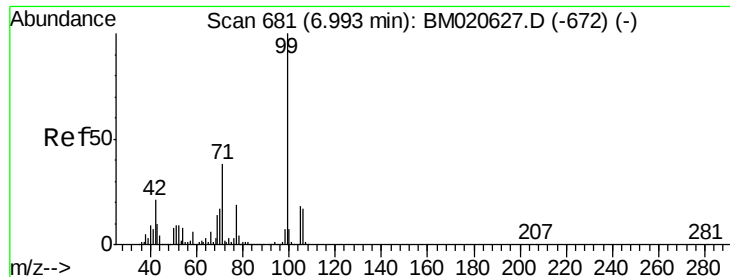
2-Fluorophenol
Concen: 120.775 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Tgt Ion:112 Resp: 1845596
Ion Ratio Lower Upper
112 100
64 61.4 49.7 74.5
63 32.0 26.4 39.6



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: 111.861 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

0423-HR-3(HACKENSACK)

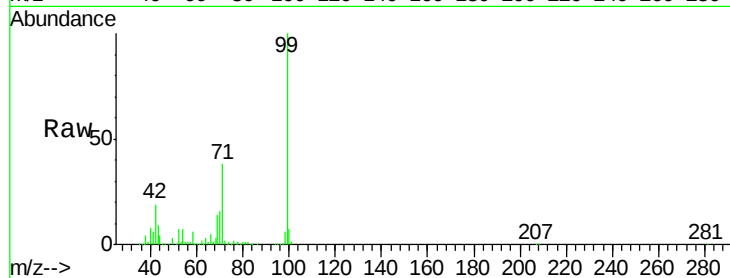
Tot Ion: 99 Resp: 2516985

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

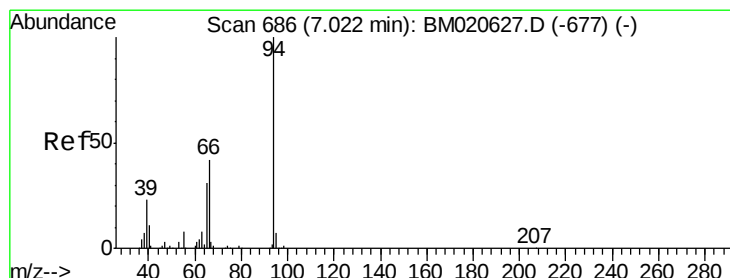
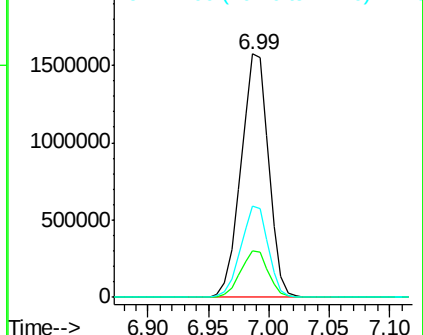
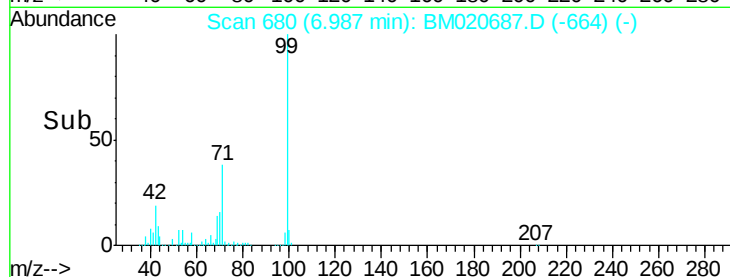
71 37.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020687.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020687.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020687.D (-664) (-)



#10

Phenol

Concen: 3.435 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

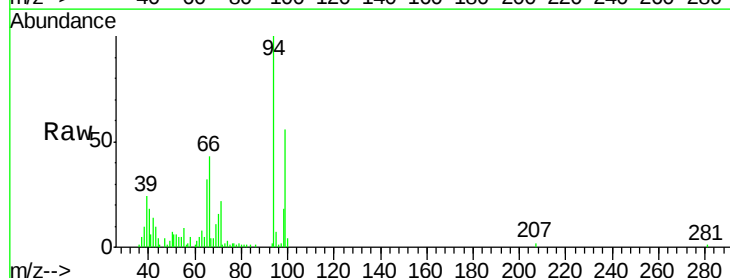
Tgt Ion: 94 Resp: 83289

Ion Ratio Lower Upper

94 100

65 32.0 10.7 50.7

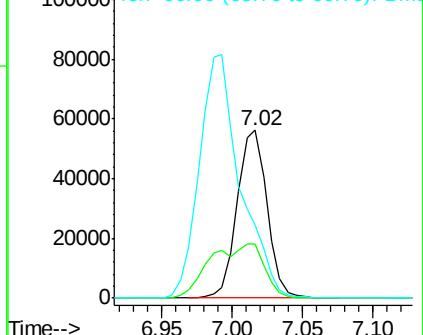
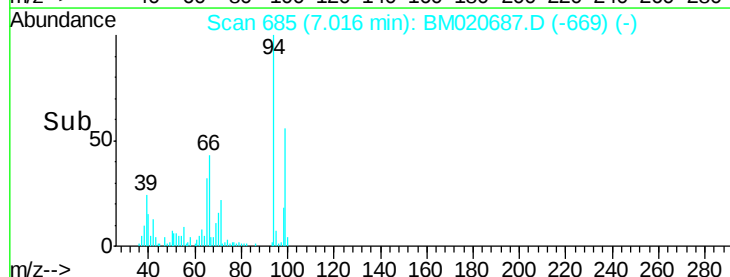
66 43.4 22.3 62.3

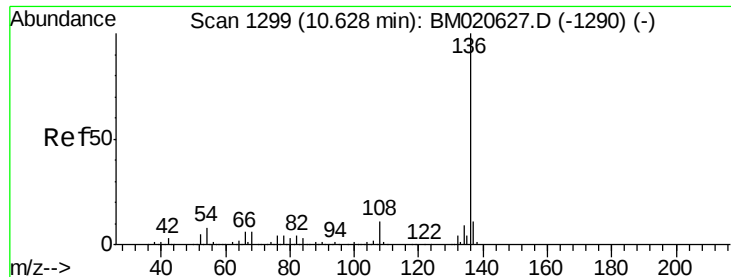


Abundance Ion 94.00 (93.70 to 94.70): BM020687.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020687.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020687.D (-669) (-)

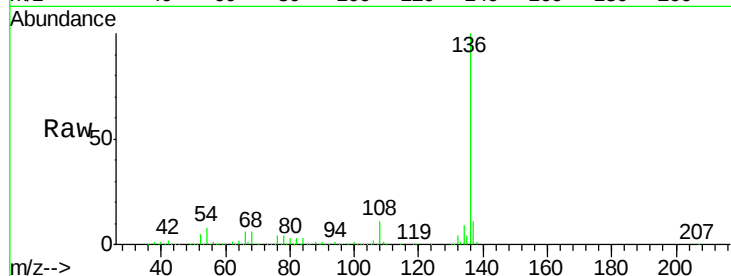




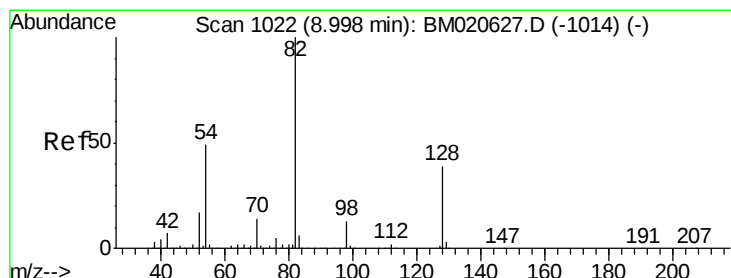
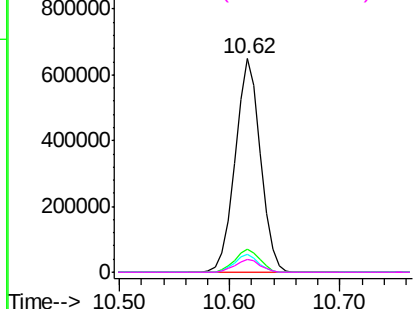
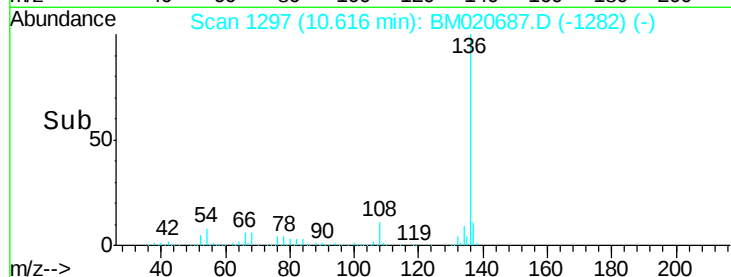
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Instrument :
BNA_M
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:136	Resp: 1038803
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.2	6.6 10.0
68 5.9	5.1 7.7

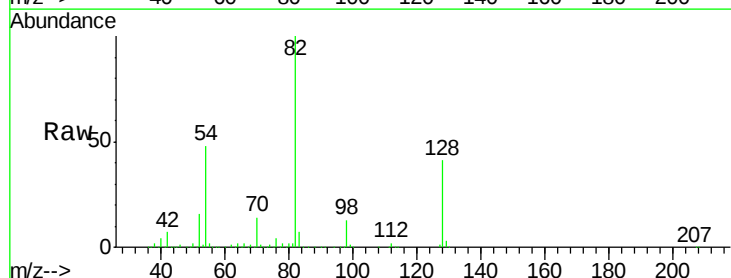


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

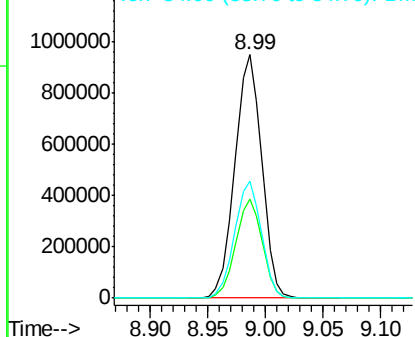
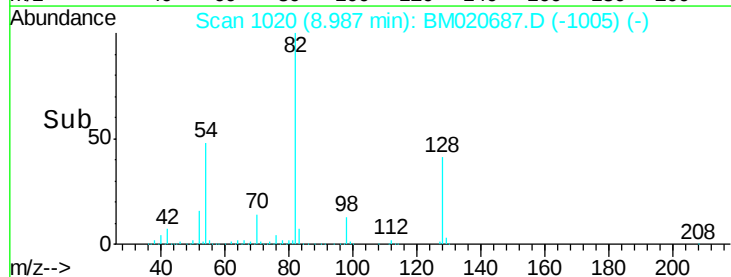


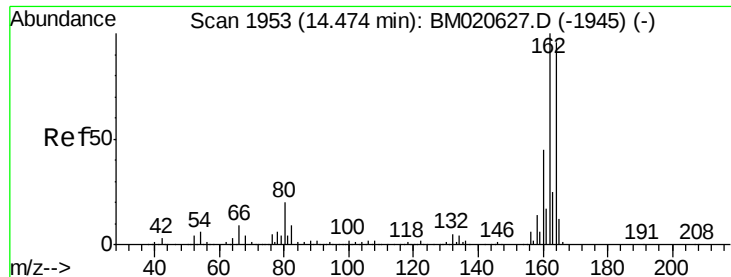
#23
Nitrobenzene-d5
Concen: 76.250 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Tgt Ion: 82	Resp: 1528771
Ion Ratio	Lower Upper
82 100	
128 40.6	31.5 47.3
54 47.8	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

0423-HR-3(HACKENSACK)

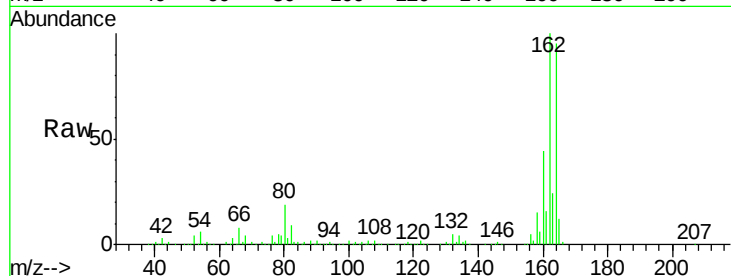
Tot Ion:164 Resp: 541352

Ion Ratio Lower Upper

164 100

162 104.9 83.2 124.8

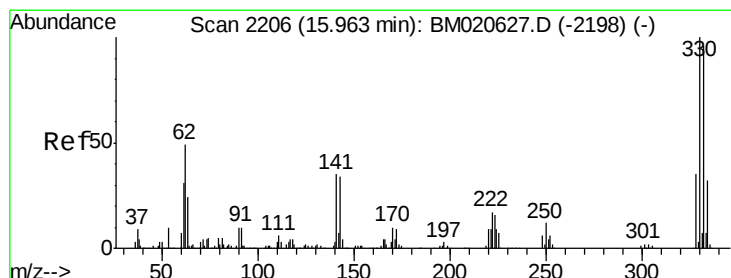
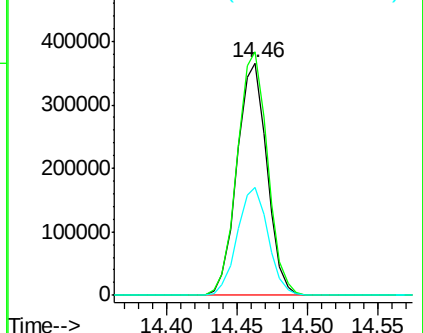
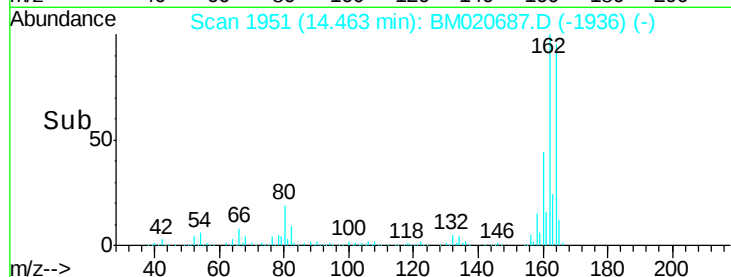
160 46.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 120.224 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

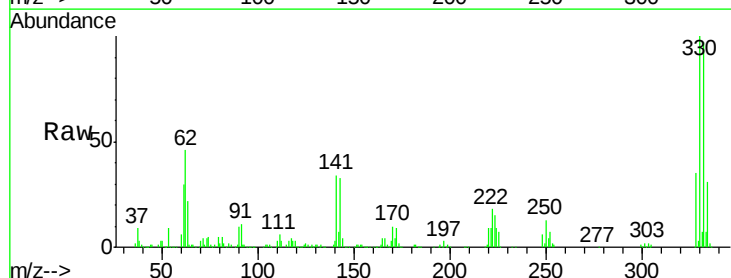
Tgt Ion:330 Resp: 806378

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

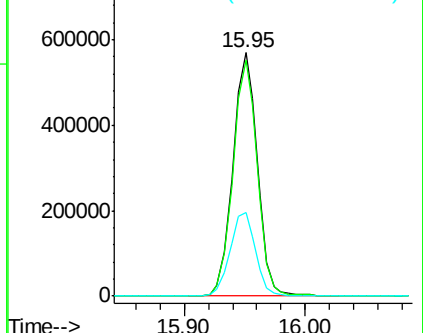
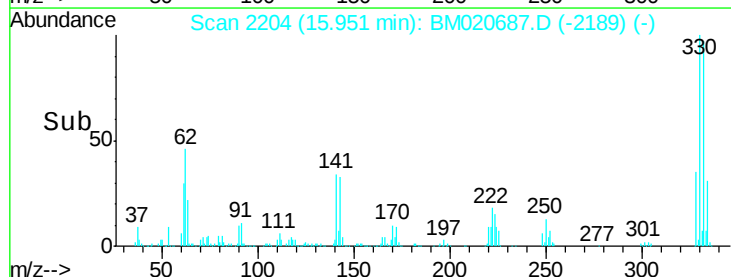
141 35.9 30.4 45.6

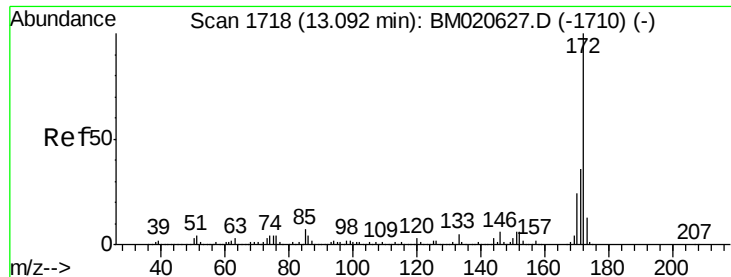


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

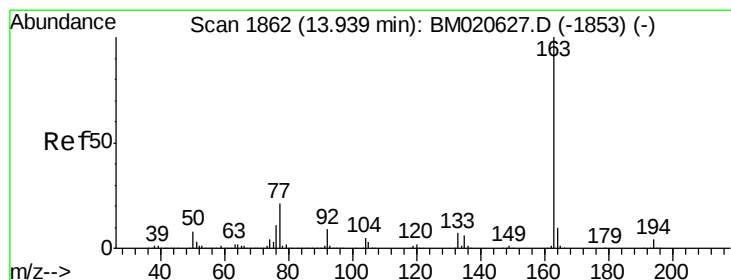
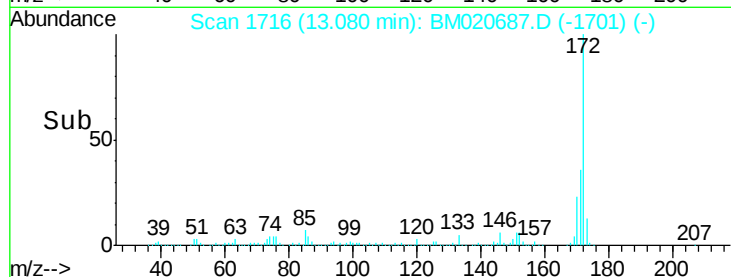
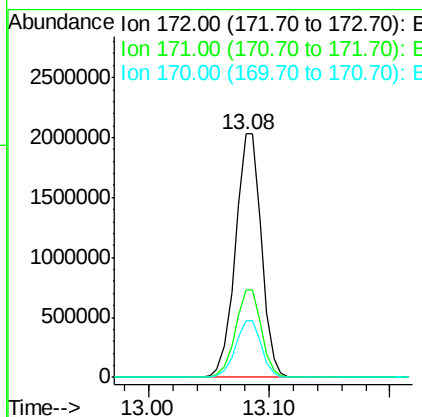
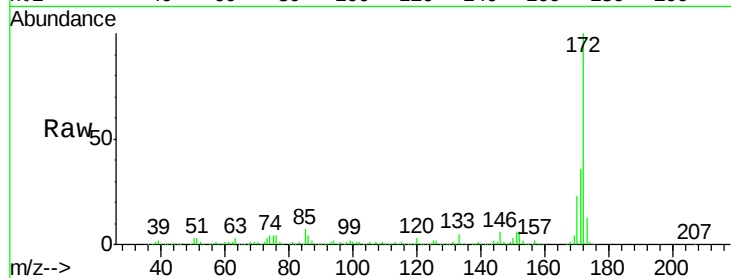




#45
2-Fluorobiphenyl
Concen: 74.339 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

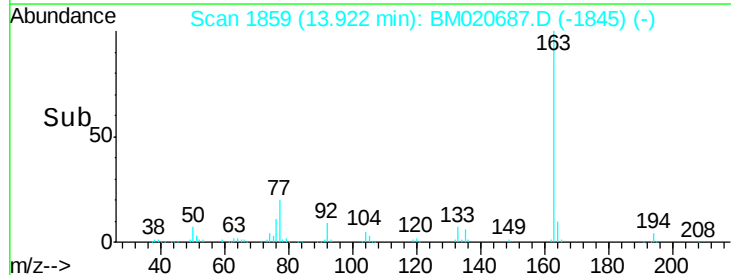
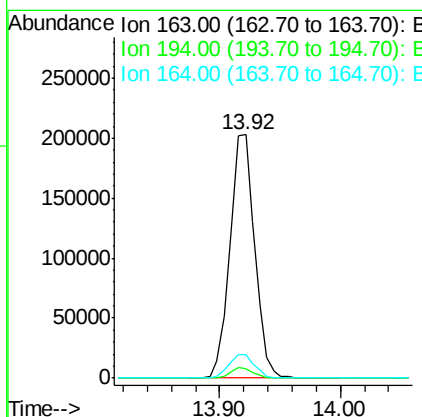
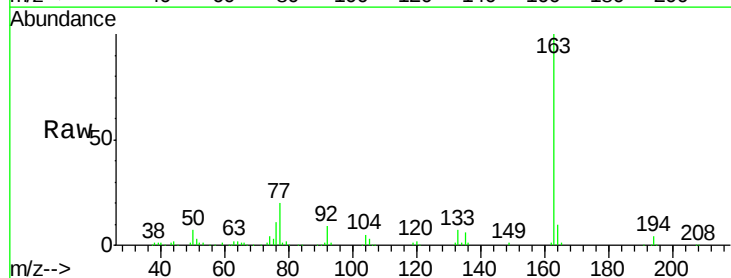
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0423-HR-3(HACKENSACK)

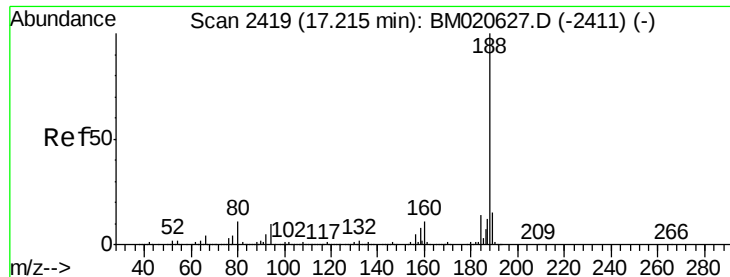
Tot Ion:172 Resp: 3027063
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 6.288 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Tgt Ion:163 Resp: 290833
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.6 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

0423-HR-3(HACKENSACK)

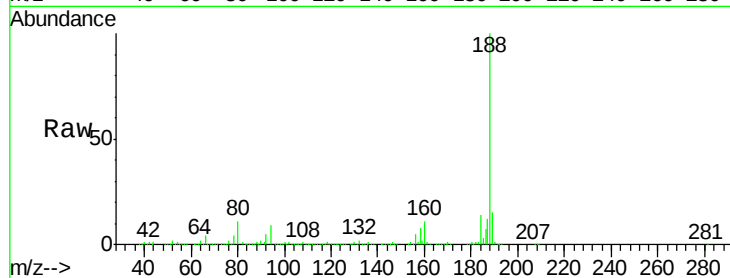
Tot Ion:188 Resp: 1165723

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

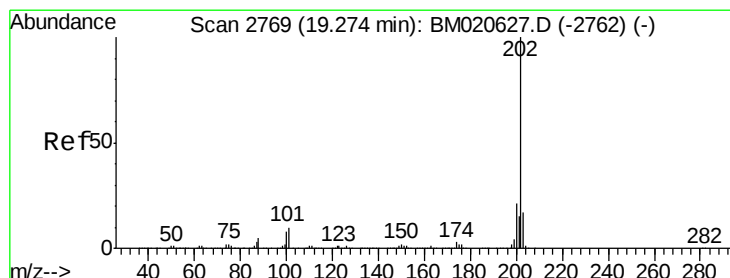
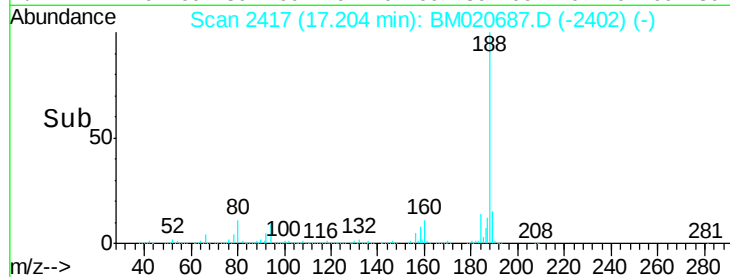
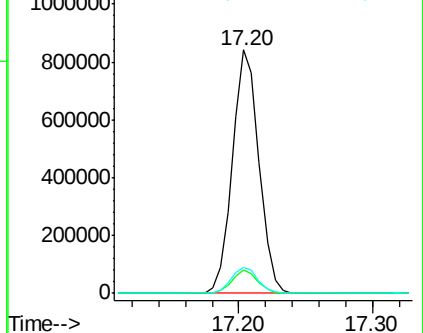
80 10.9 9.0 13.6



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



#75

Fluoranthene

Concen: 3.270 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

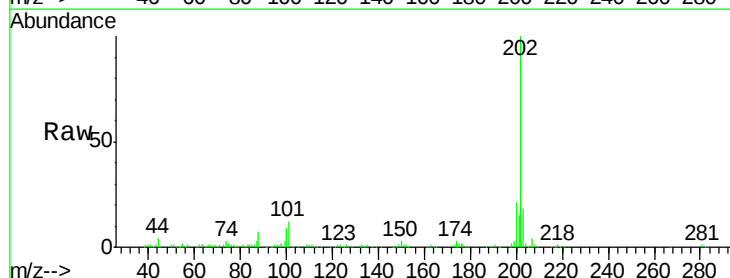
Tgt Ion:202 Resp: 240316

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.4

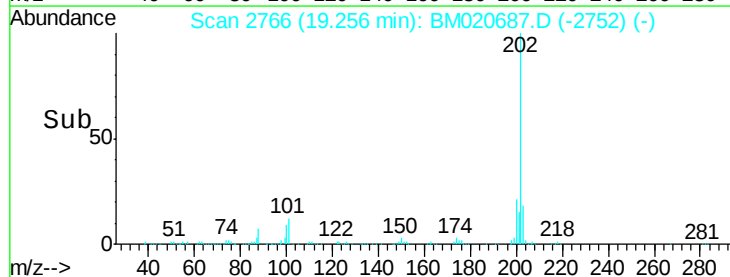
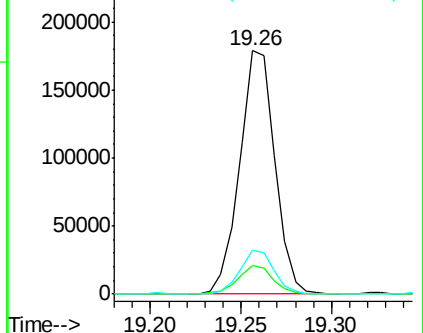
203 17.8 0.0 37.3

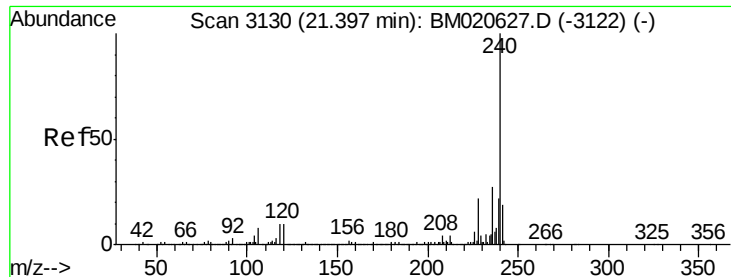


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

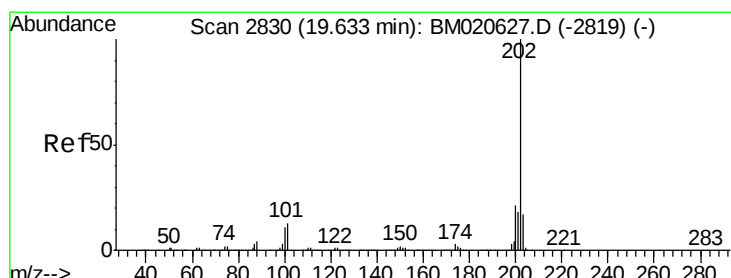
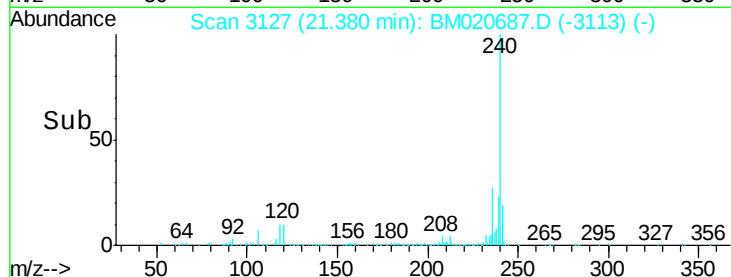
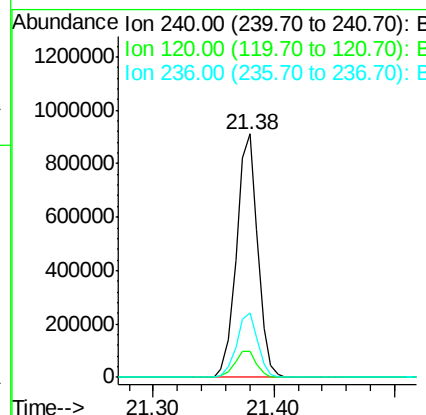
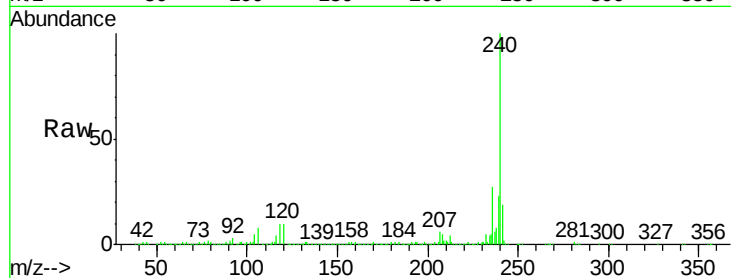




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

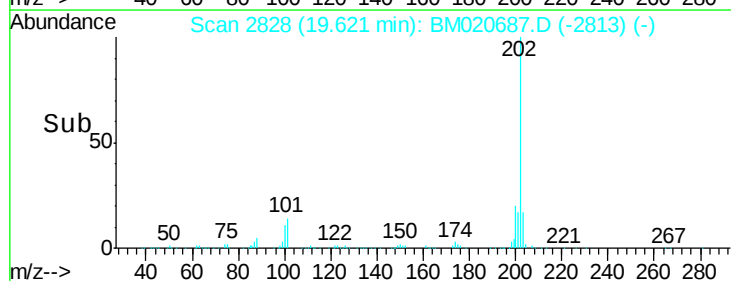
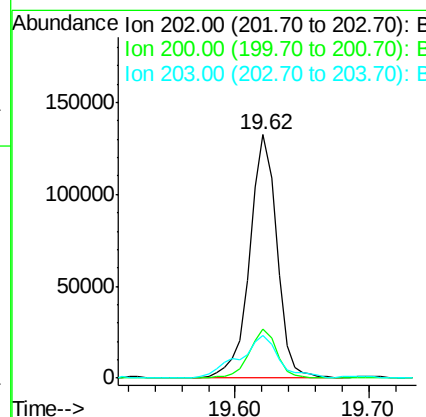
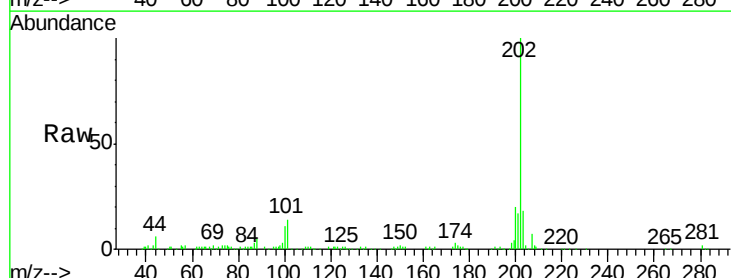
Instrument :
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0423-HR-3(HACKENSACK)

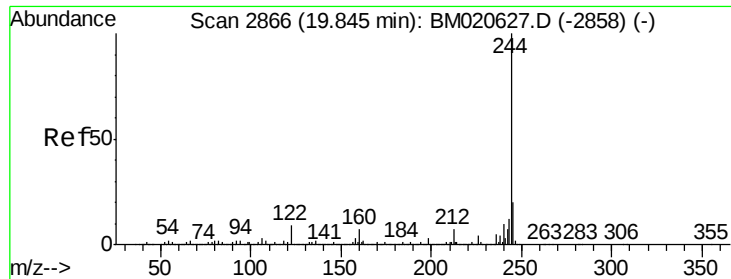
Tot Ion:240 Resp: 1110868
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 26.7 21.2 31.8



#78
Pyrene
Concen: 2.184 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Tgt Ion:202 Resp: 186162
Ion Ratio Lower Upper
202 100
200 20.0 16.8 25.2
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 62.118 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

Instrument :

BNA_M

ClientSampleId :

0423-HR-3(HACKENSACK)

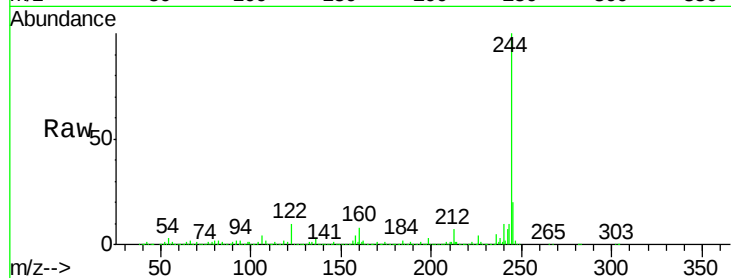
Tot Ion:244 Resp: 4125491

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

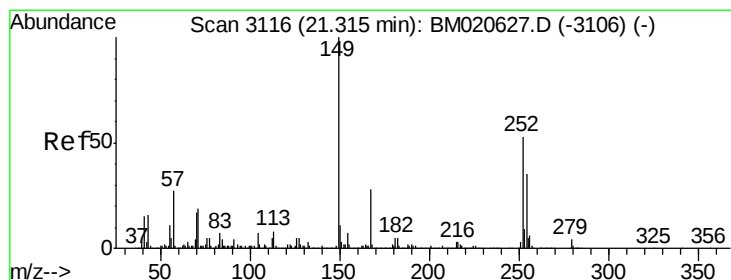
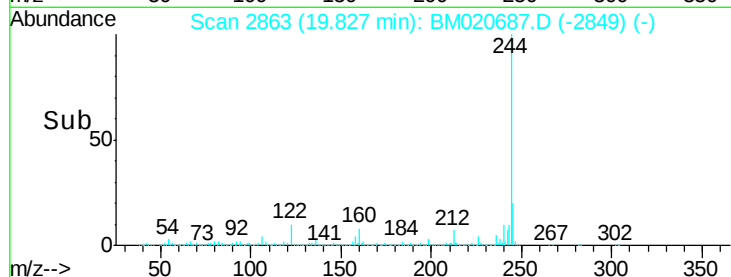
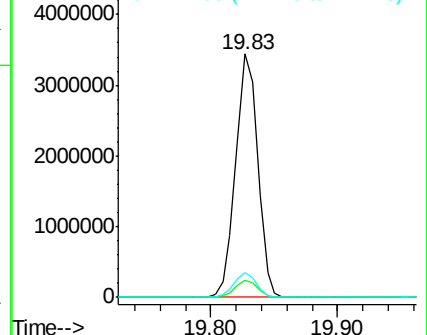
122 10.3 7.2 10.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.963 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020687.D

Acq: 04 Jun 2019 00:54

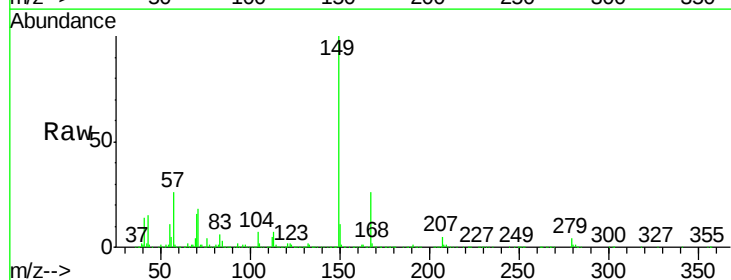
Tgt Ion:149 Resp: 1045229

Ion Ratio Lower Upper

149 100

167 25.8 22.1 33.1

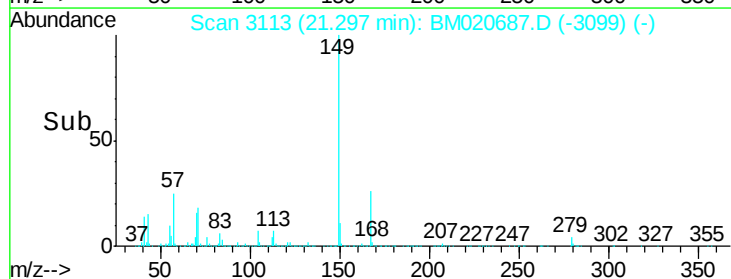
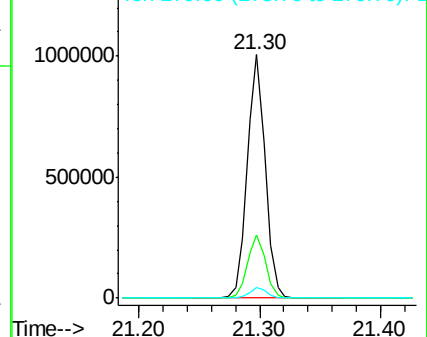
279 4.2 3.4 5.0

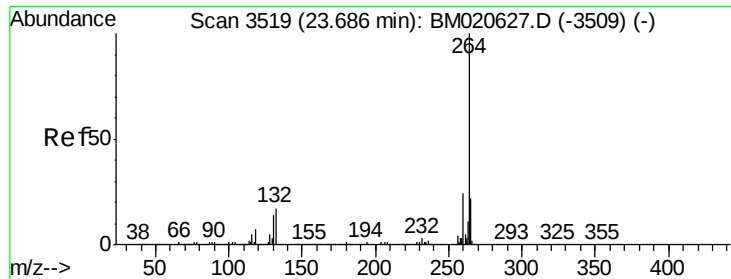


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



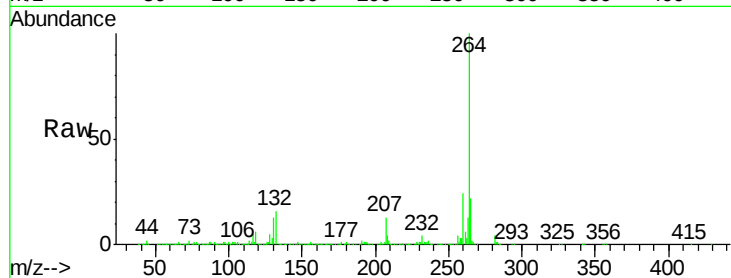


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020687.D
Acq: 04 Jun 2019 00:54

Instrument :
BNA_M
ClientSampleId :
0423-HR-3(HACKENSACK)

Tot Ion:264 Resp: 1315595

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.6	26.4



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

