

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020162.D
 Acq On : 07 May 2019 10:03
 Operator : JU/SJ
 Sample : K2672-18 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-09-COMP

Quant Time: May 07 11:40:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

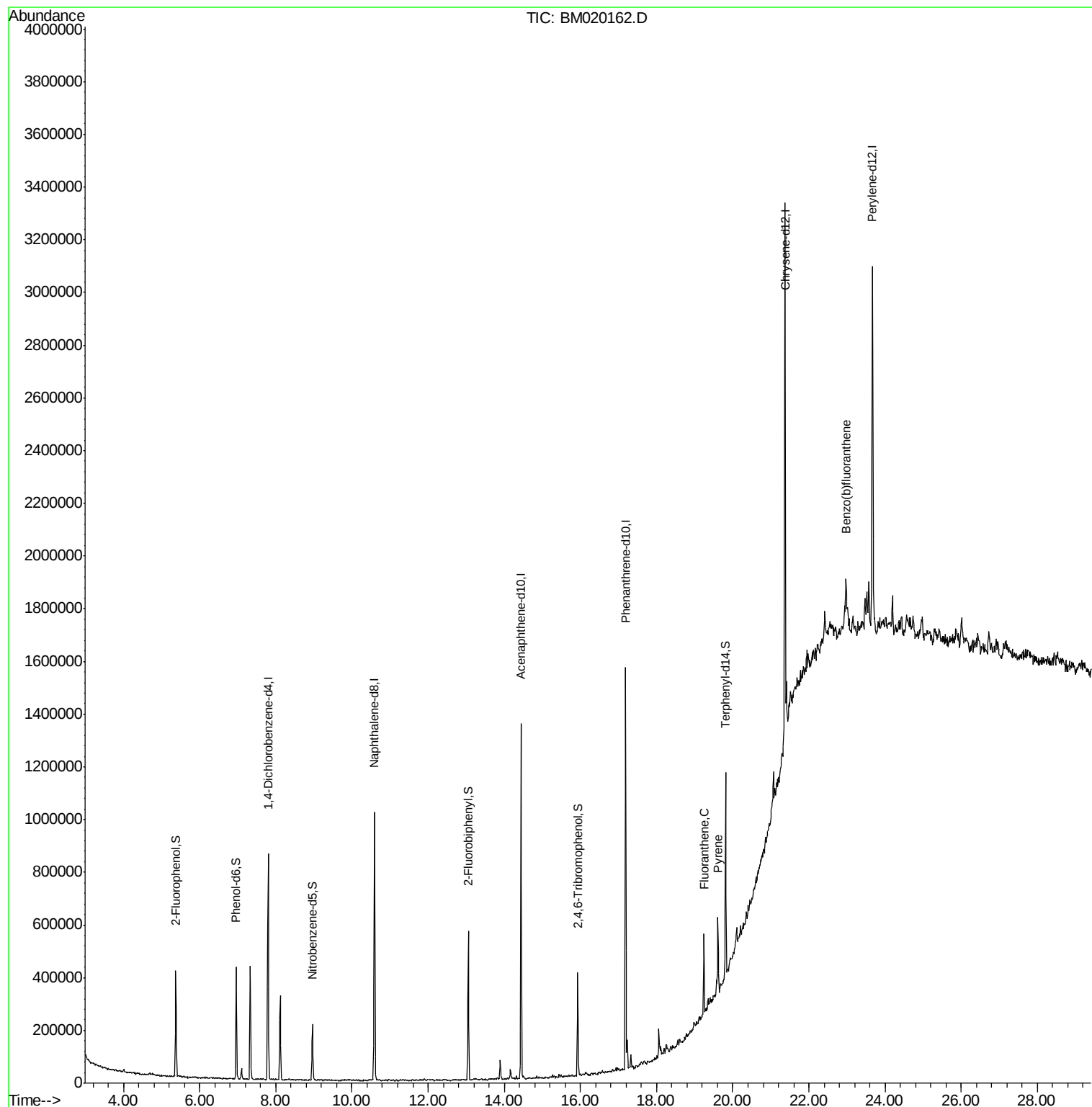
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	214152	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	767703	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	403008	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	888763	20.00	ng	0.00
76) Chrysene-d12	21.37	240	871356	20.00	ng	0.00
87) Perylene-d12	23.67	264	1021248	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	156062	11.91	ng	0.00
7) Phenol-d6	6.96	99	218656	12.22	ng	0.01
23) Nitrobenzene-d5	8.96	82	130412	6.71	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	67330	10.76	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	263284	8.04	ng	0.00
79) Terphenyl-d14	19.81	244	350650	7.02	ng	0.00
Target Compounds						
75) Fluoranthene	19.24	202	172884	2.785	ng	97
78) Pyrene	19.61	202	168666	2.883	ng	98
88) Benzo(b)fluoranthene	22.97	252	162429	2.409	ng	# 86

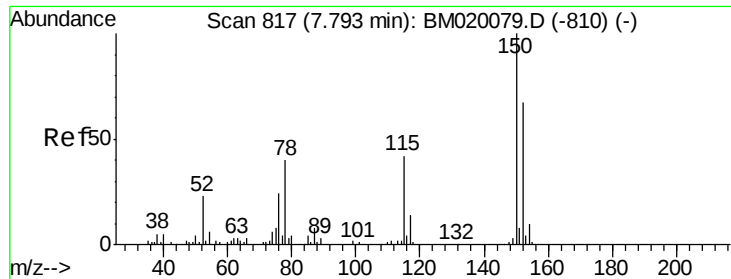
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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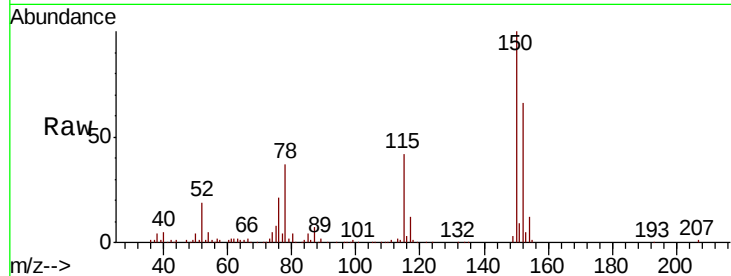


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 818
Delta R.T. 0.01 min
Lab File: BM020162.D
Acq: 07 May 2019 10:03

Instrument :
BNA_M
ClientSampled :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.8	179.8
115	62.8	50.8	76.2

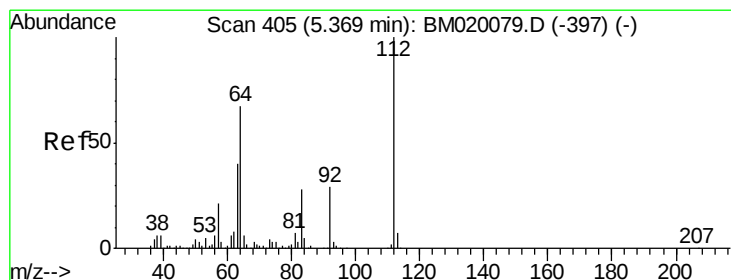
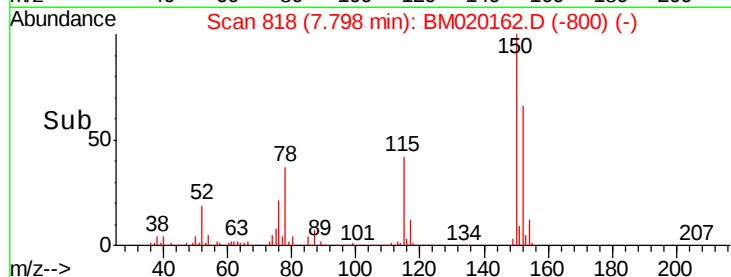
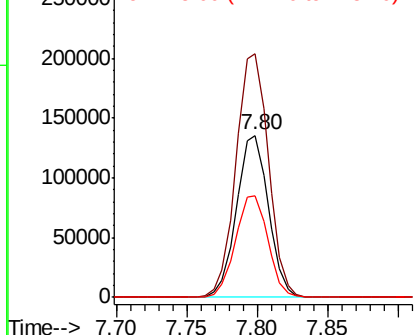


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

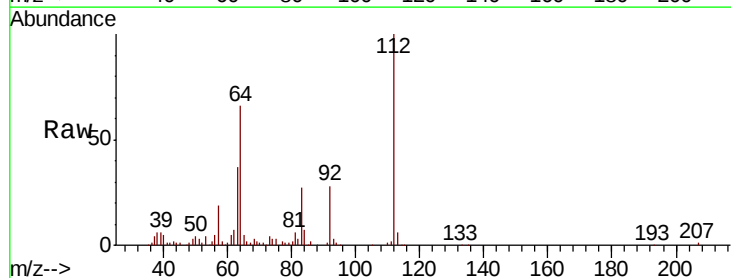
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.912 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020162.D
Acq: 07 May 2019 10:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.8	80.6
63	37.0	32.3	48.5

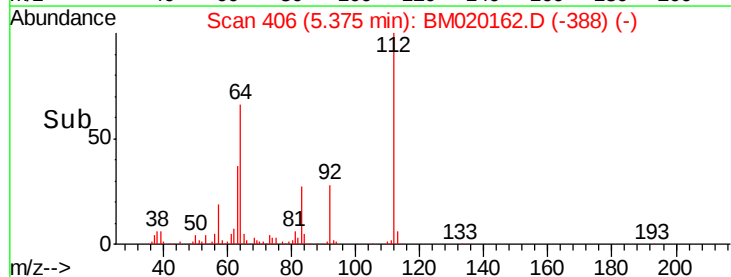
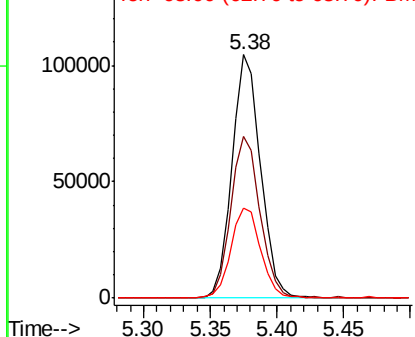


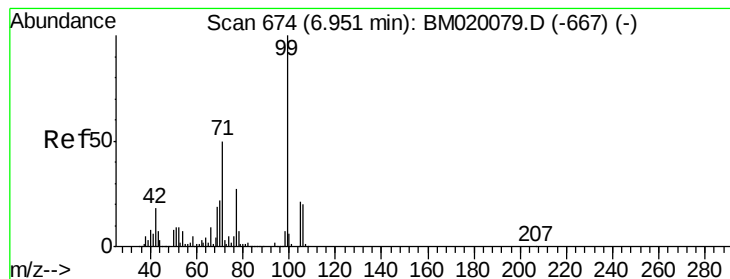
Abundance

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: 12.217 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Instrument :

BNA_M

ClientSampleId :

SB-09-COMP

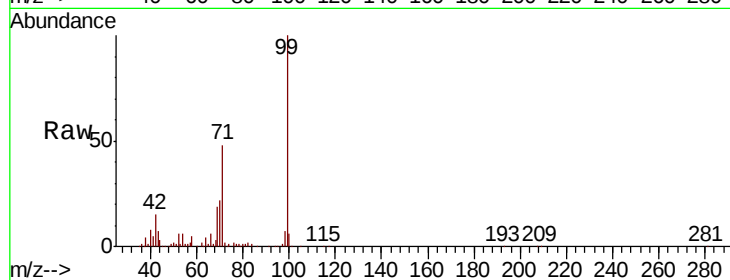
Tot Ion: 99 Resp: 218656

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

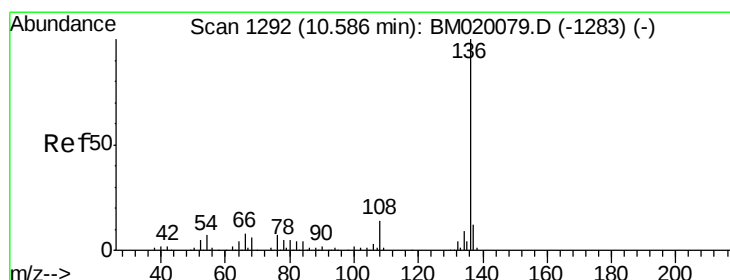
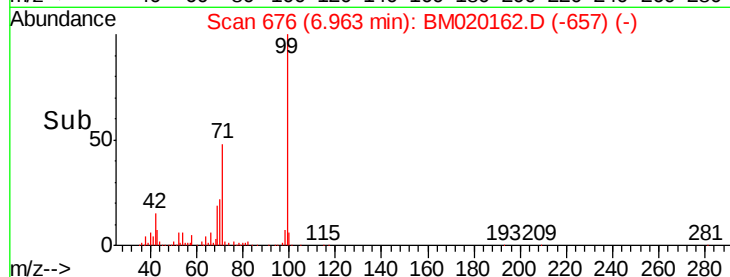
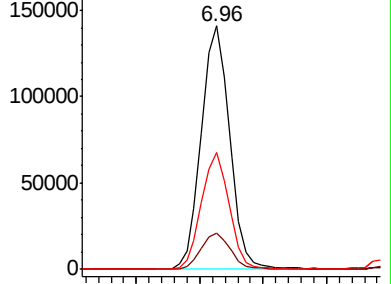
71 47.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020162.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020162.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020162.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Tgt Ion: 136 Resp: 767703

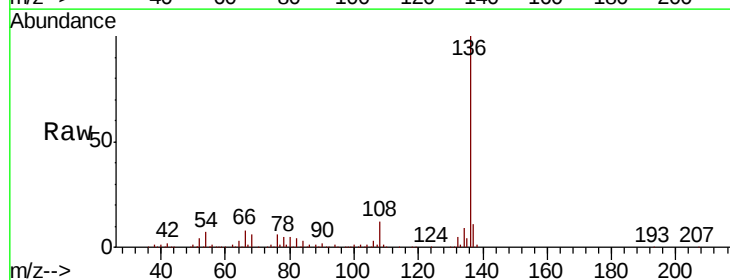
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.7 5.5 8.3

68 6.5 4.6 6.8

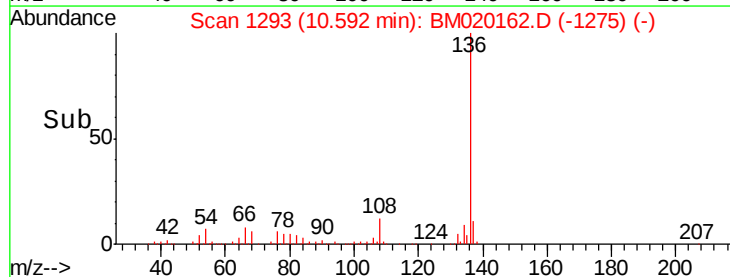
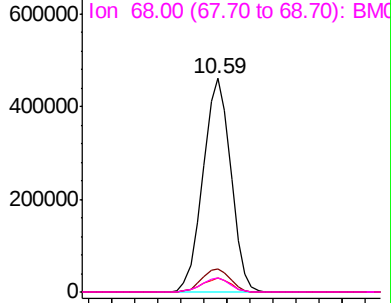


Abundance Ion 136.00 (135.70 to 136.70): BM020162.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020162.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020162.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020162.D (-1275) (-)

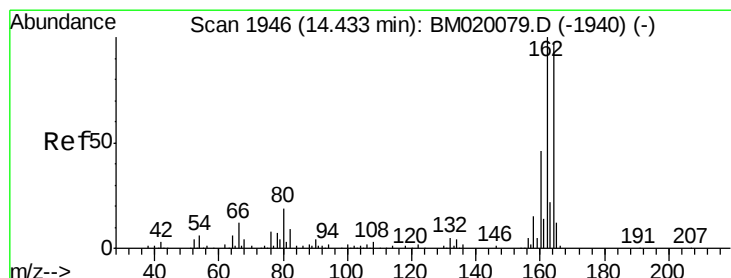
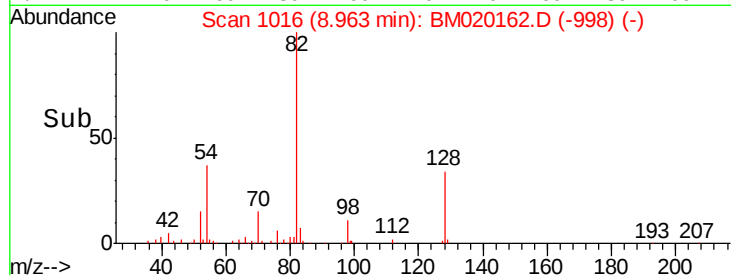
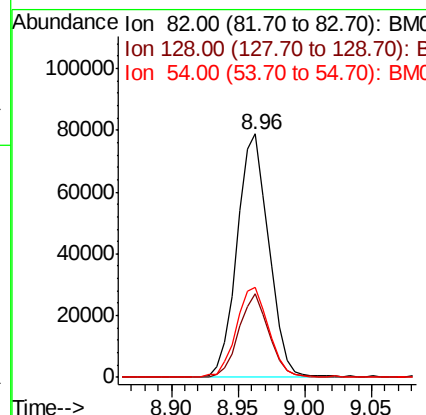
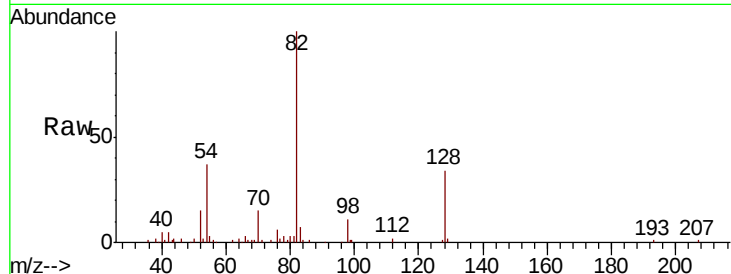




#23
Nitrobenzene-d5
Concen: 6.707 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM020162.D
Acq: 07 May 2019 10:03

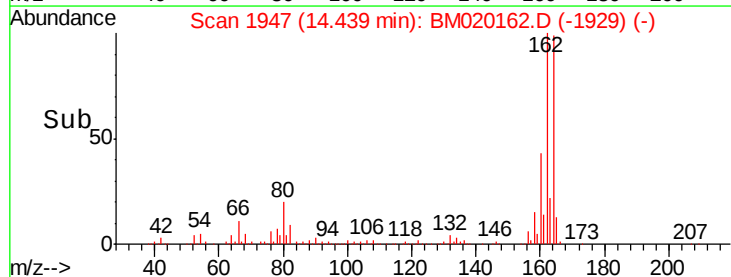
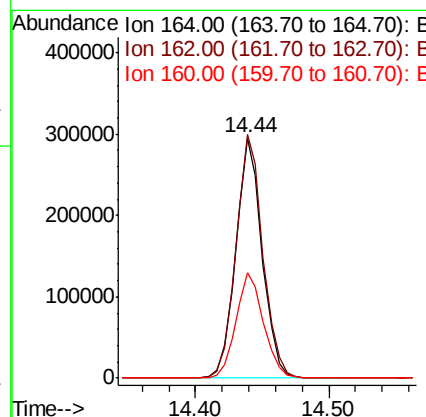
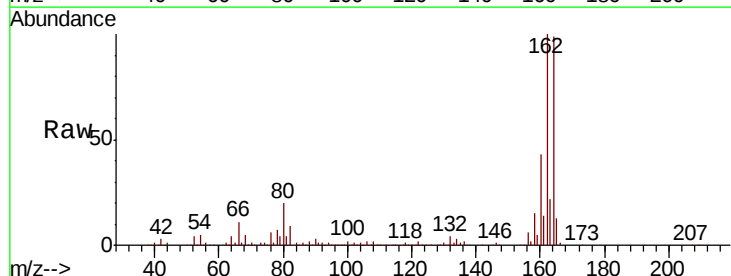
Instrument :
BNA_M
ClientSampleId :
SB-09-COMP

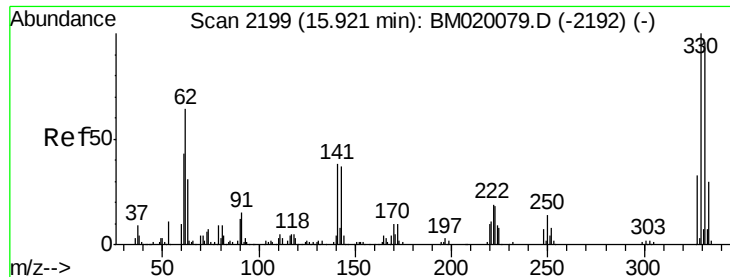
Tot Ion	82	Resp	130412
Ion Ratio	100	Lower	Upper
128	34.2	25.2	37.8
54	36.7	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020162.D
Acq: 07 May 2019 10:03

Tgt Ion	164	Resp	403008
Ion Ratio	100	Lower	Upper
162	101.4	82.2	123.2
160	43.9	37.6	56.4

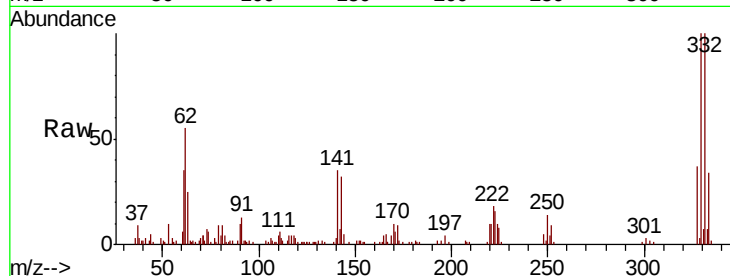




#42
 2,4,6-Tribromophenol
 Concen: 10.763 ng
 RT: 15.93 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BM020162.D
 Acq: 07 May 2019 10:03

Instrument :
 BNA_M
 ClientSampleId :
 SB-09-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.8	115.2
141	35.0	29.2	43.8

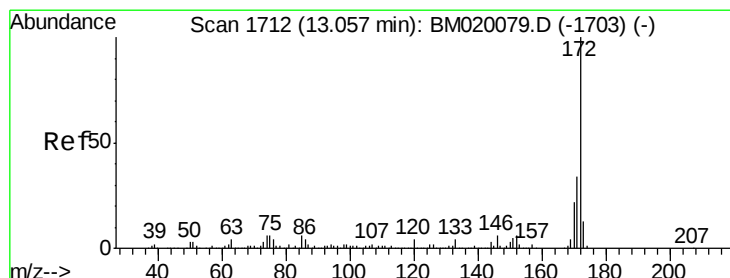
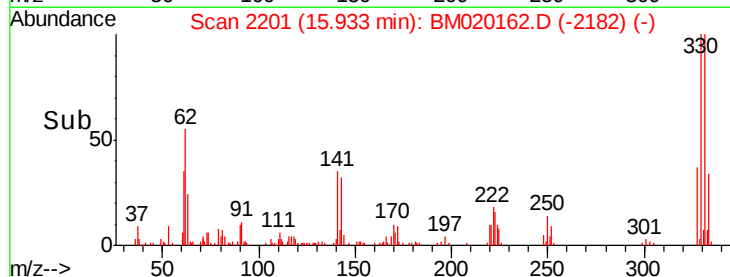
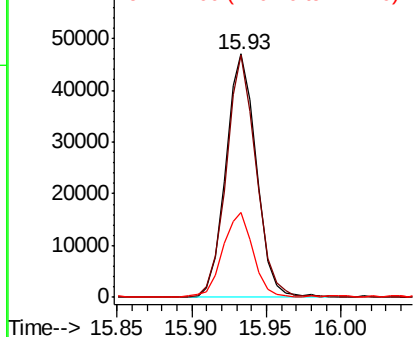


Abundance

Ion 329.80 (329.50 to 330.50): E

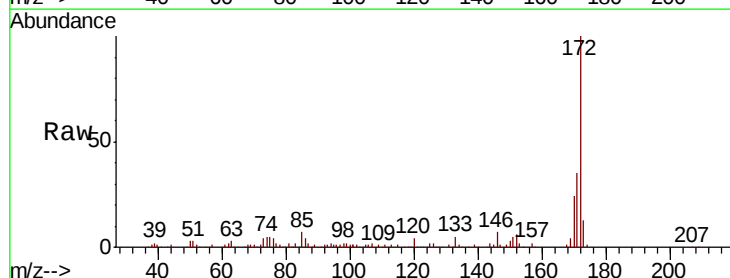
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 8.038 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM020162.D
 Acq: 07 May 2019 10:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.7	17.9	26.9

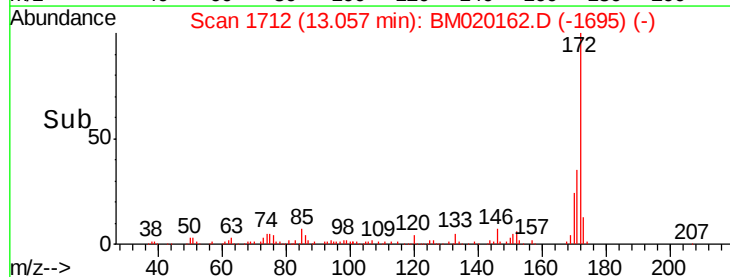
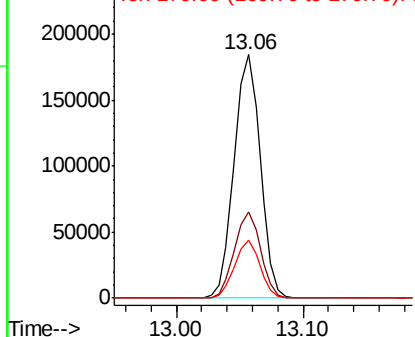


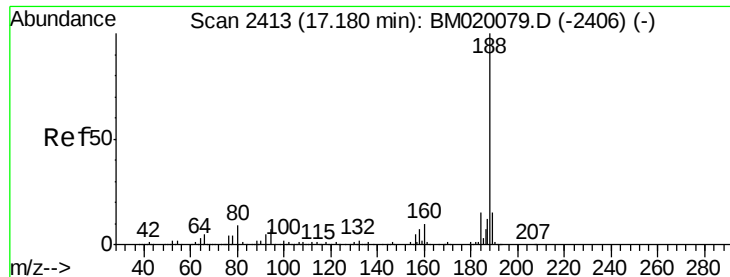
Abundance

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: 17.19 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Instrument :

BNA_M

ClientSampleId :

SB-09-COMP

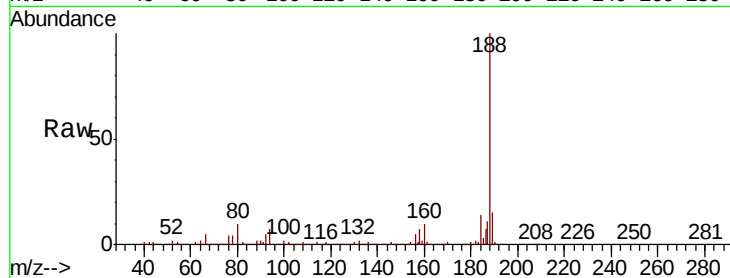
Tot Ion:188 Resp: 888763

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

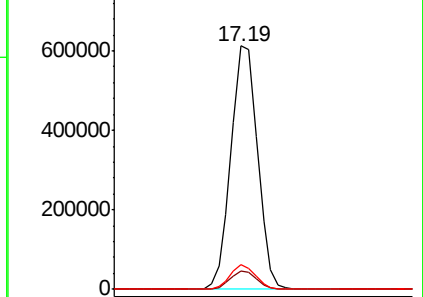
80 10.1 7.4 11.2



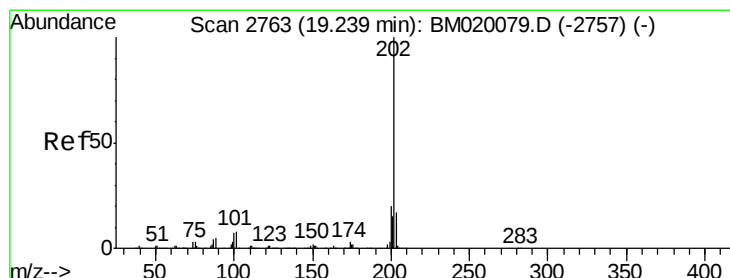
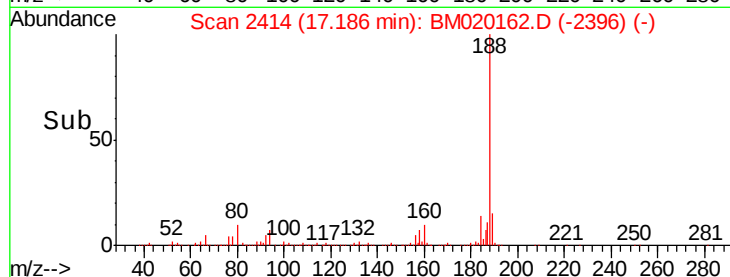
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time--> 17.10 17.20 17.30



#75

Fluoranthene

Concen: 2.785 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

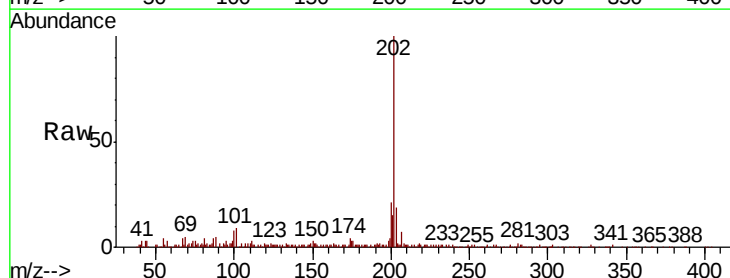
Tgt Ion:202 Resp: 172884

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

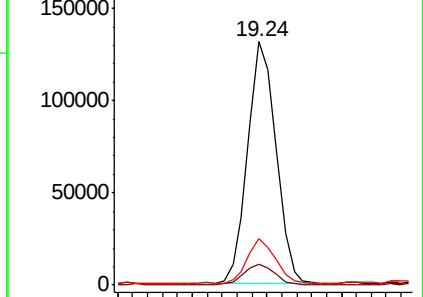
203 19.2 0.0 37.4



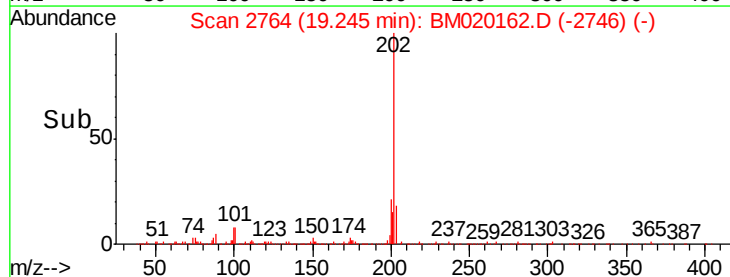
Abundance Ion 202.00 (201.70 to 202.70): E

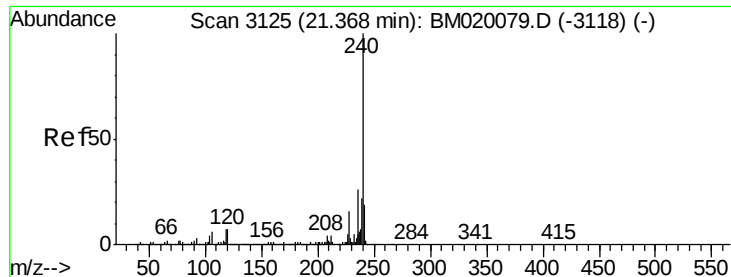
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.15 19.20 19.25 19.30





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Instrument :

BNA_M

ClientSampleId :

SB-09-COMP

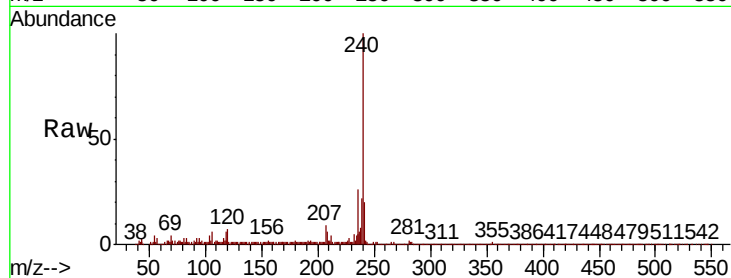
Tot Ion:240 Resp: 871356

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

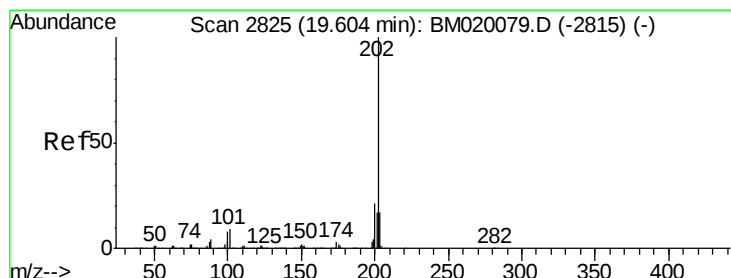
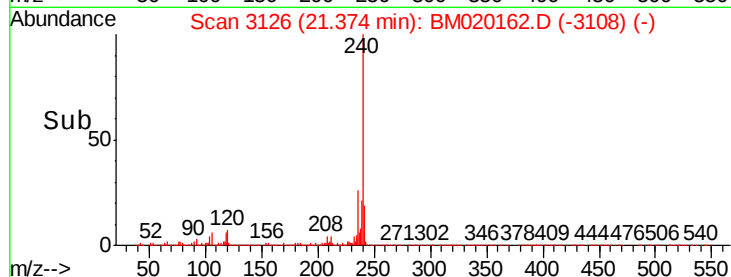
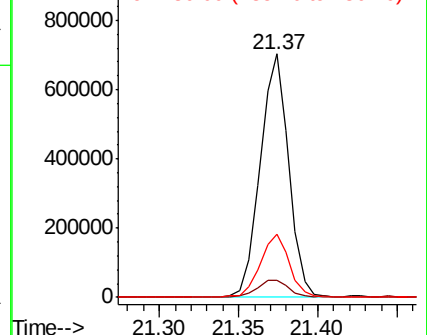
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 2.883 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

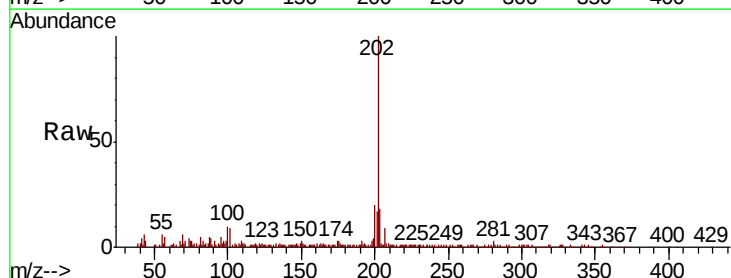
Tgt Ion:202 Resp: 168666

Ion Ratio Lower Upper

202 100

200 19.6 16.5 24.7

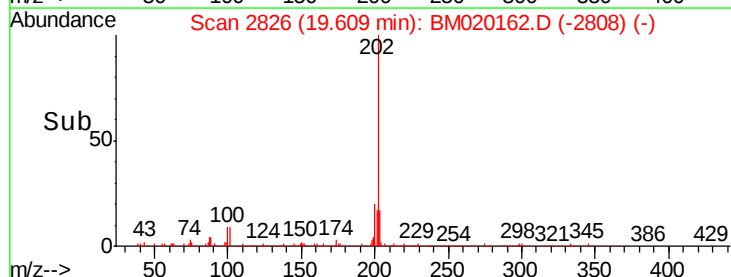
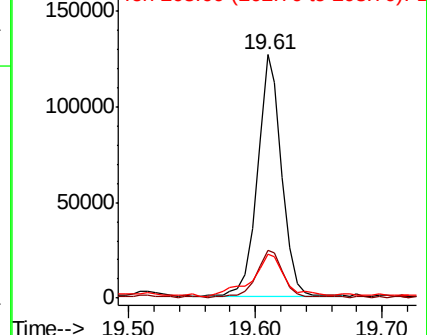
203 18.2 13.9 20.9

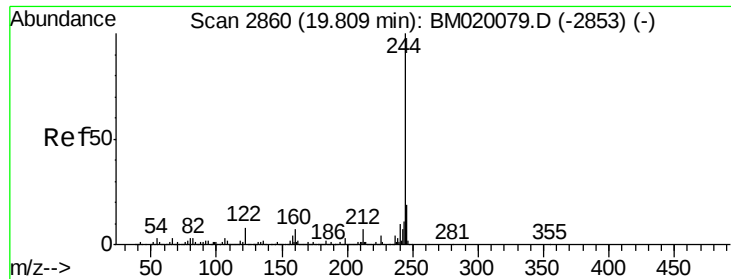


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 7.019 ng

RT: 19.81 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Instrument :

BNA_M

ClientSampleId :

SB-09-COMP

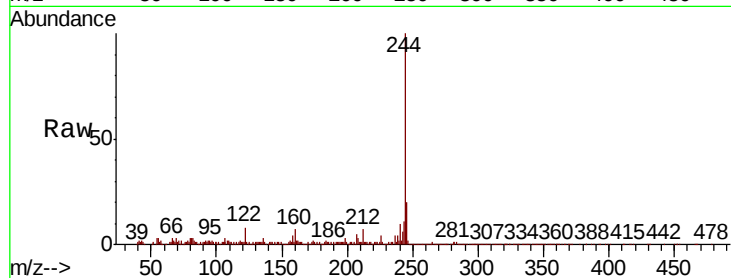
Tot Ion:244 Resp: 350650

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

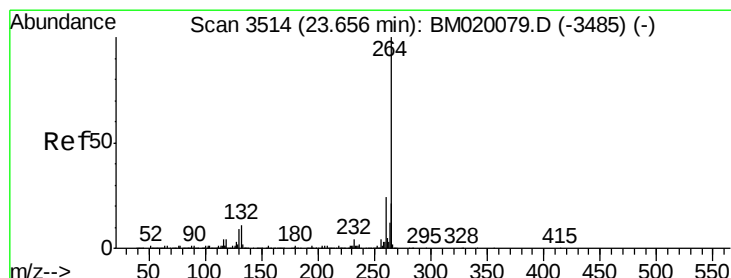
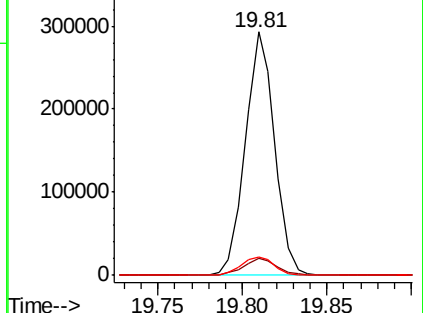
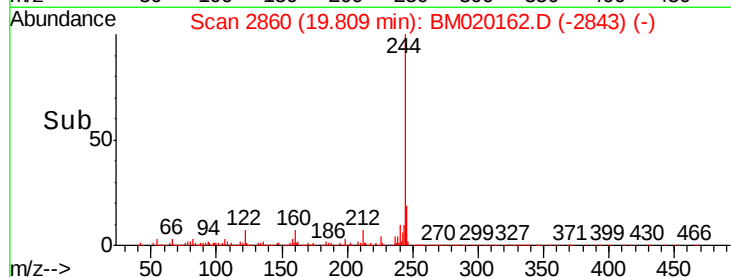
122 7.6 6.2 9.2



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: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

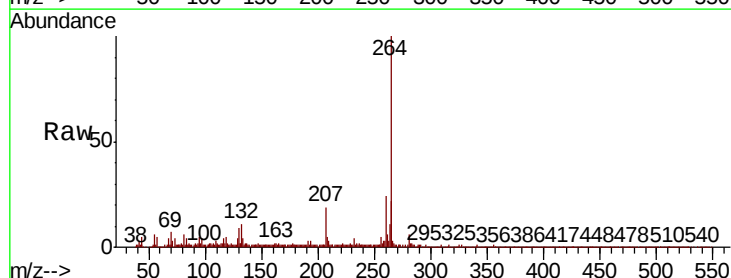
Tgt Ion:264 Resp: 1021248

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

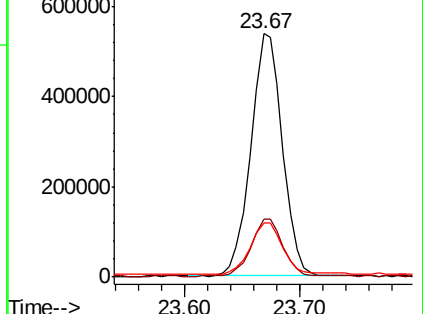
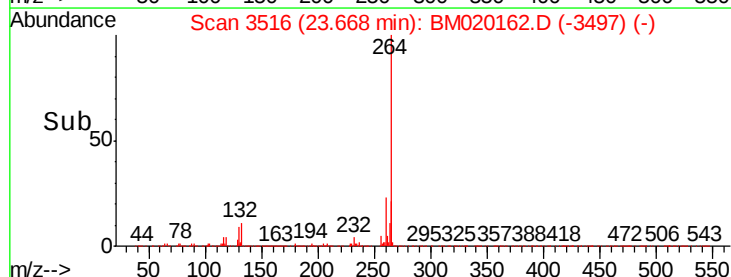
265 22.1 16.9 25.3

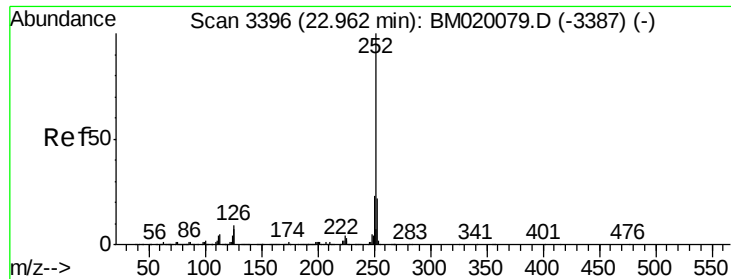


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.409 ng

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020162.D

Acq: 07 May 2019 10:03

Instrument :

BNA_M

ClientSampleId :

SB-09-COMP

Tot Ion:252 Resp: 162429

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 16.4 5.4 8.2#

