

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020755.D
 Acq On : 06 Jun 2019 02:30
 Operator : HP/JU
 Sample : K3183-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Jun 06 04:10:27 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

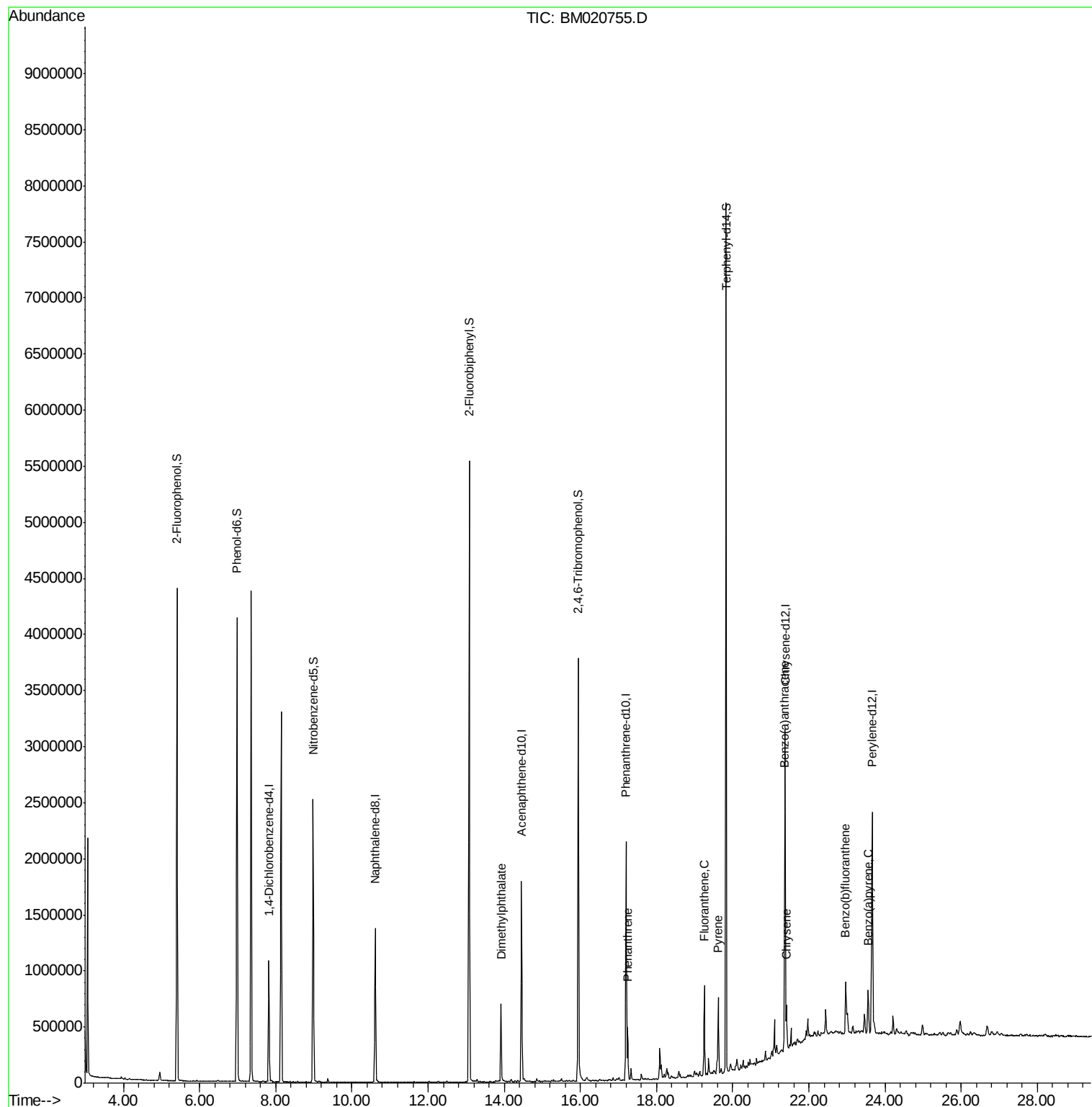
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	293168	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1141284	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	592092	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1227975	20.00	ng	-0.02
76) Chrysene-d12	21.37	240	1185487	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1439562	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1717761	103.07	ng	-0.01
7) Phenol-d6	6.98	99	2339258	95.32	ng	-0.01
23) Nitrobenzene-d5	8.98	82	1428098	64.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.95	330	742128	101.16	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	2944281	66.11	ng	-0.01
79) Terphenyl-d14	19.82	244	3514510	49.59	ng	-0.02
Target Compounds				Qvalue		
50) Dimethylphthalate	13.92	163	479469	9.478	ng	100
71) Phenanthrene	17.25	178	285584	4.103	ng	99
75) Fluoranthene	19.26	202	464934	6.006	ng	99
78) Pyrene	19.62	202	409560	4.502	ng	99
81) Benzo(a)anthracene	21.36	228	251337	3.044	ng	99
83) Chrysene	21.41	228	206261	2.628	ng	99
88) Benzo(b)fluoranthene	22.97	252	269627	2.834	ng	95
90) Benzo(a)pyrene	23.56	252	191949	2.224	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020755.D
Acq On : 06 Jun 2019 02:30
Operator : HP/JU
Sample : K3183-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

Quant Time: Jun 06 04:10:27 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



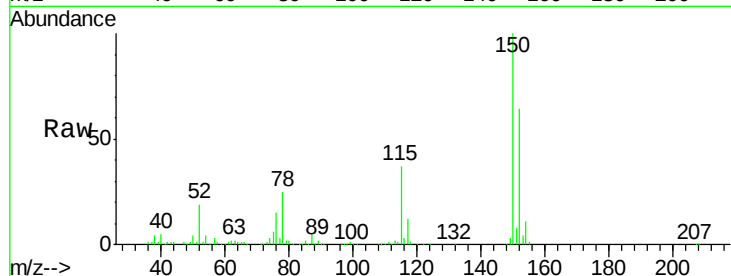


#1

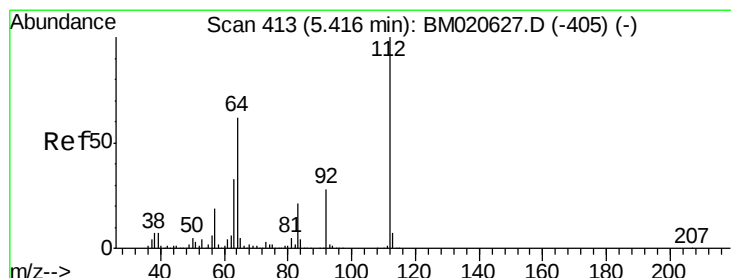
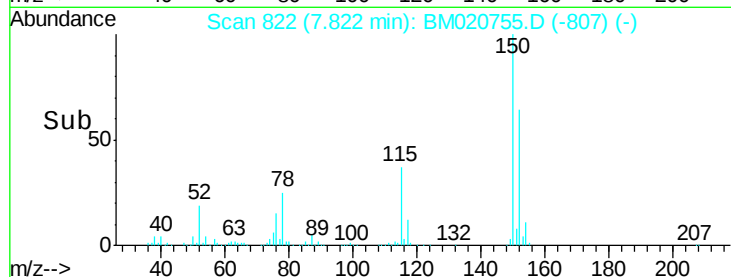
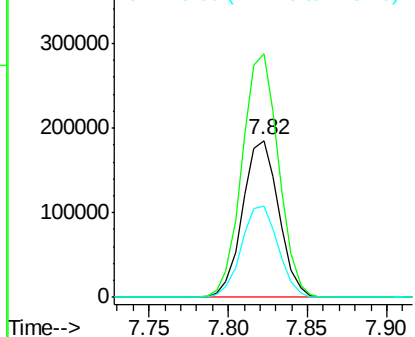
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion:152 Resp: 293168
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 58.1 49.6 74.4



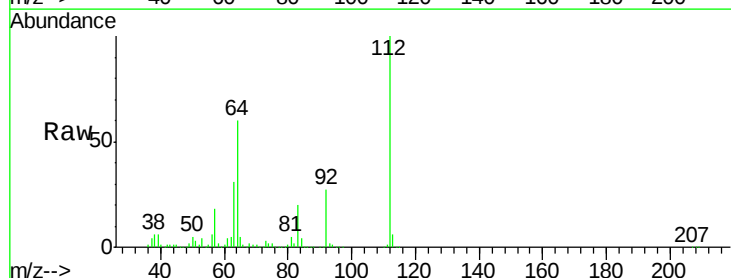
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



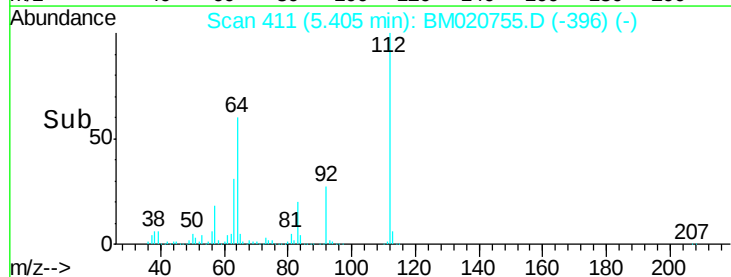
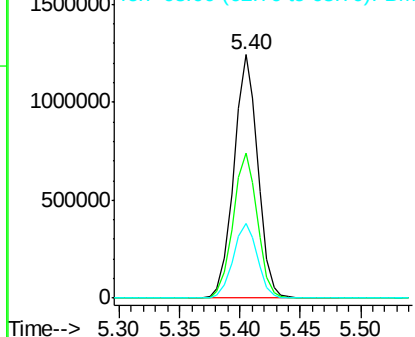
#5

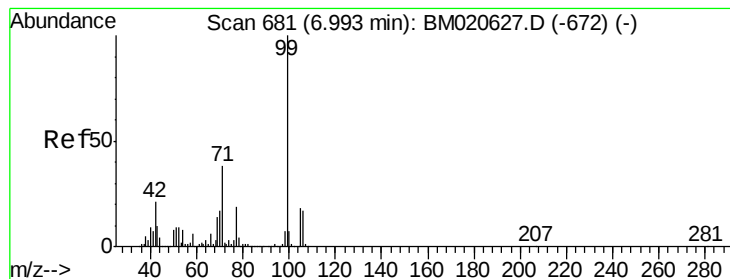
2-Fluorophenol
Concen: 103.069 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:112 Resp: 1717761
Ion Ratio Lower Upper
112 100
64 59.5 49.7 74.5
63 30.8 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: 95.323 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampleId :

TP-3

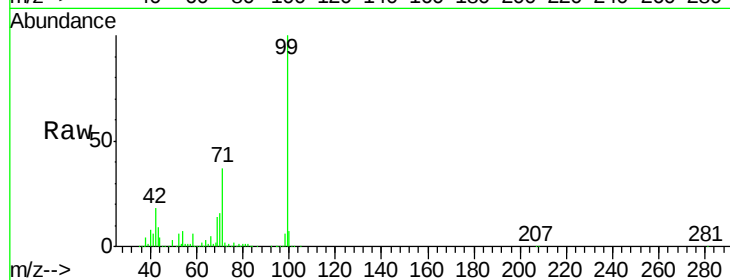
Tot Ion: 99 Resp: 2339258

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

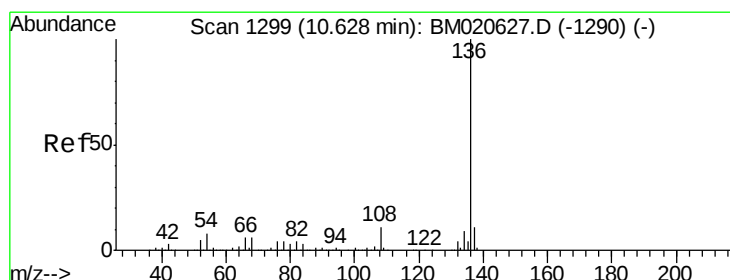
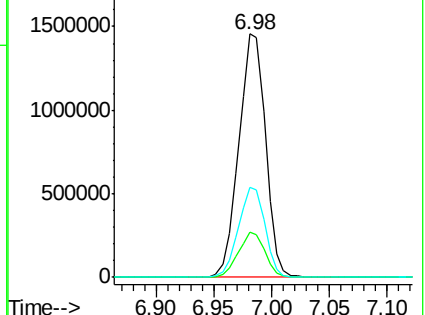
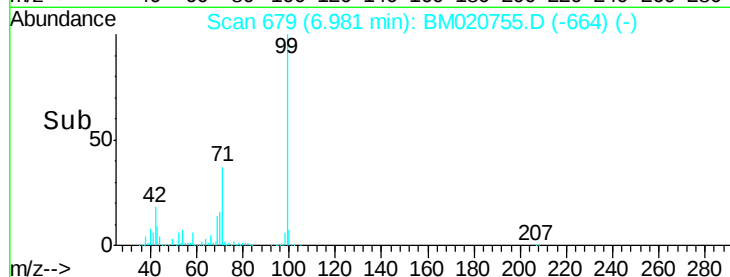
71 37.0 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020755.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020755.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020755.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Tgt Ion: 136 Resp: 1141284

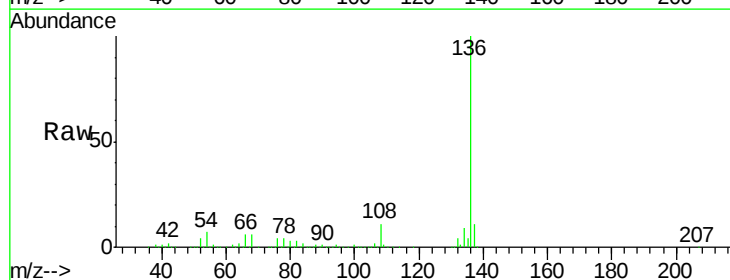
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.5 6.6 10.0

68 5.9 5.1 7.7

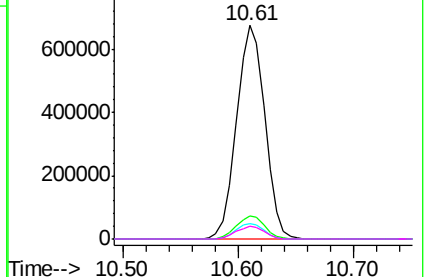
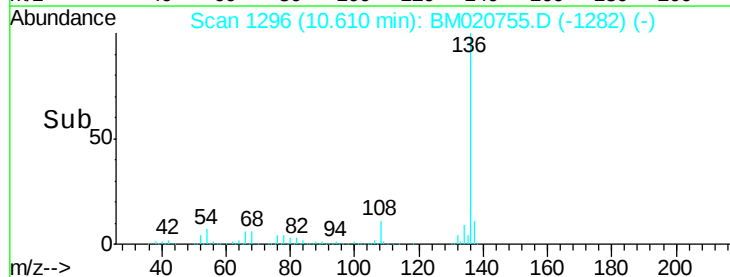


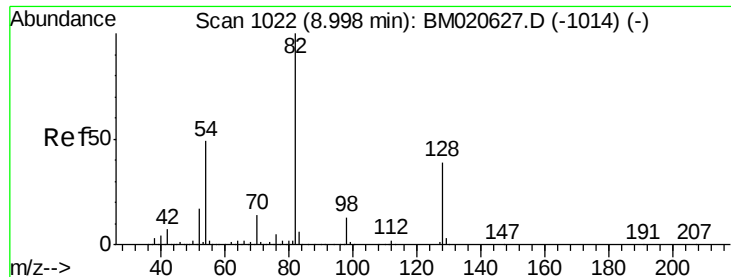
Abundance Ion 136.00 (135.70 to 136.70): BM020755.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020755.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020755.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020755.D (-1282) (-)

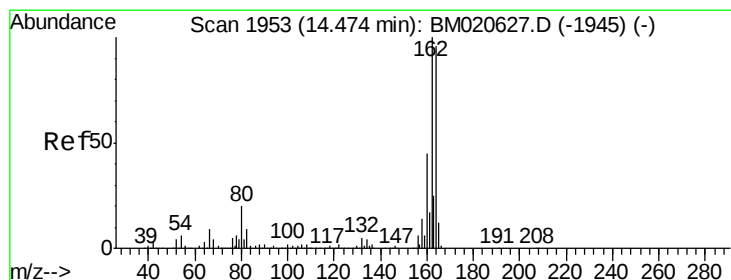
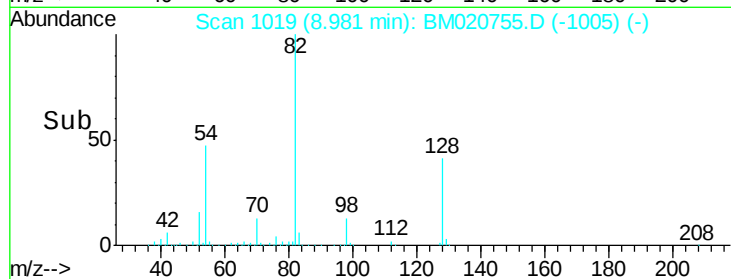
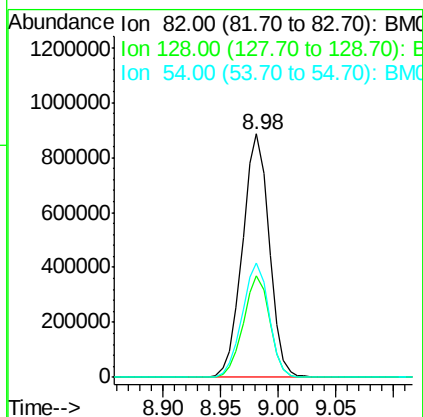
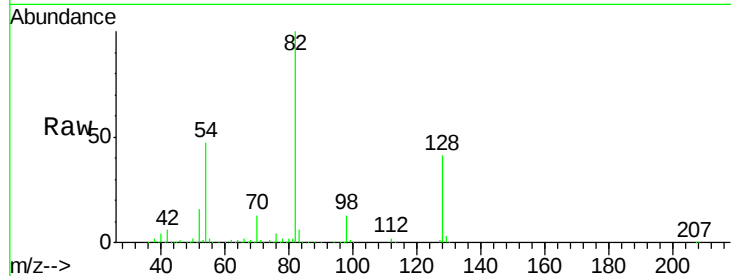




#23
Nitrobenzene-d5
Concen: 64.832 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

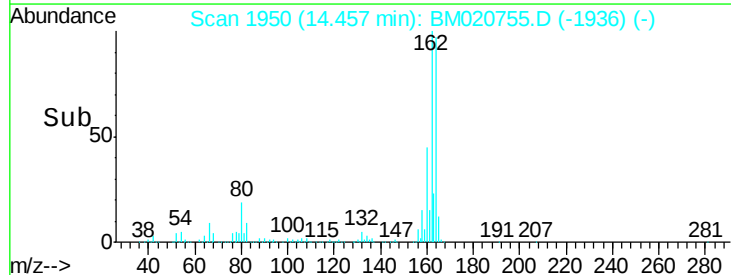
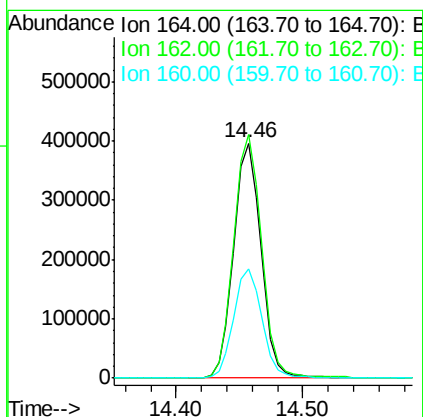
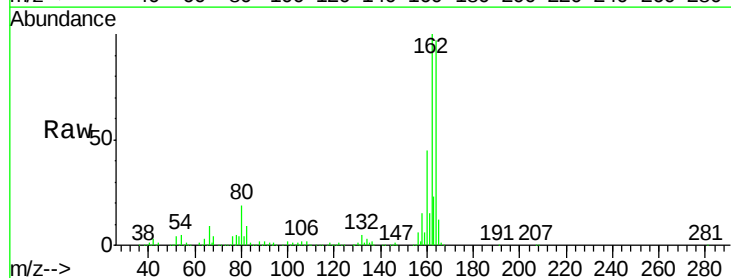
Instrument :
BNA_M
ClientSampled :
TP-3

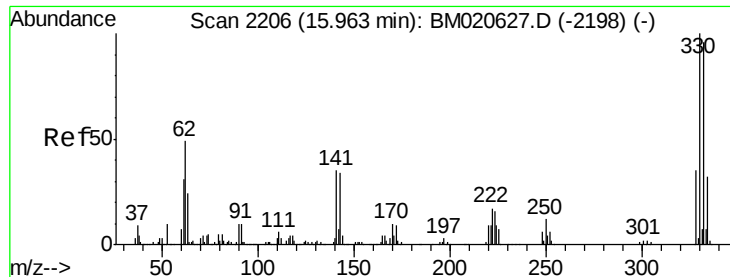
Tot Ion: 82 Resp: 1428098
Ion Ratio Lower Upper
82 100
128 41.5 31.5 47.3
54 46.9 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:164 Resp: 592092
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.5 37.5 56.3

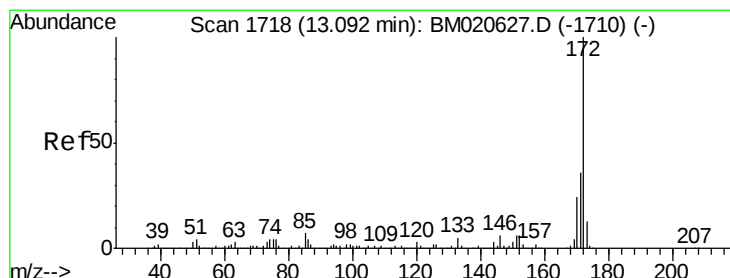
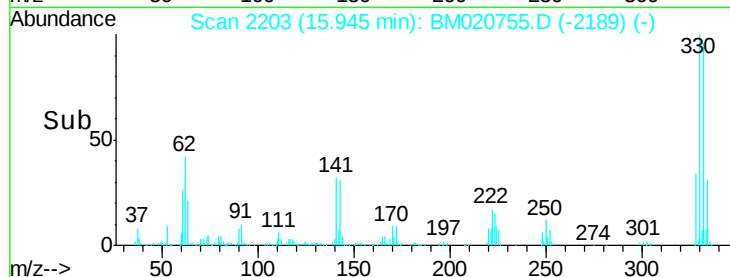
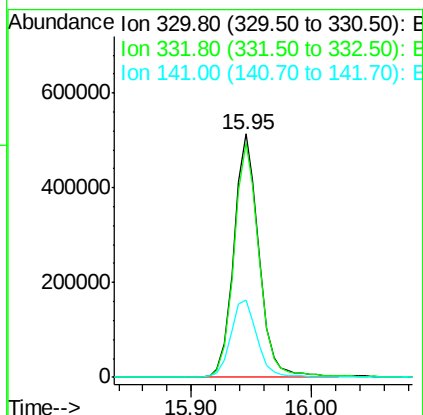
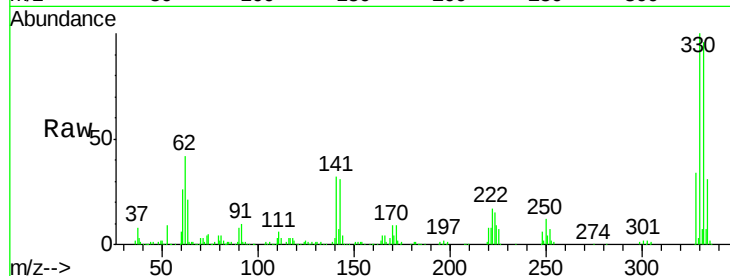




#42
 2,4,6-Tribromophenol
 Concen: 101.163 ng
 RT: 15.95 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM020755.D
 Acq: 06 Jun 2019 02:30

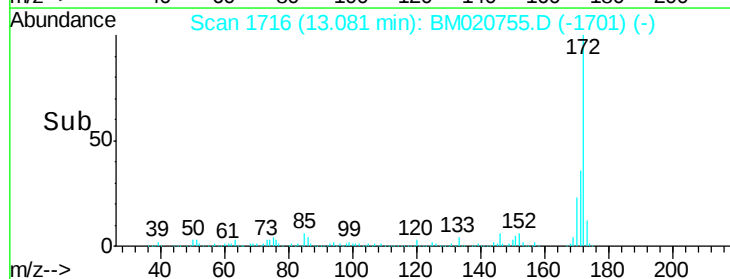
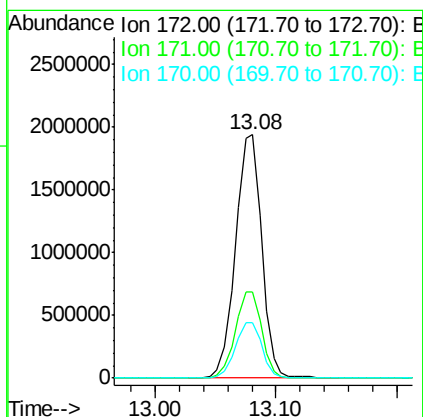
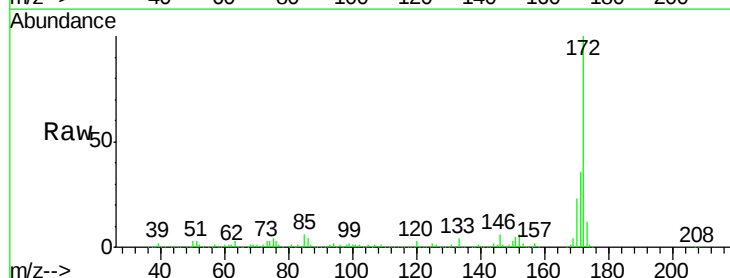
Instrument :
 BNA_M
 ClientSampleId :
 TP-3

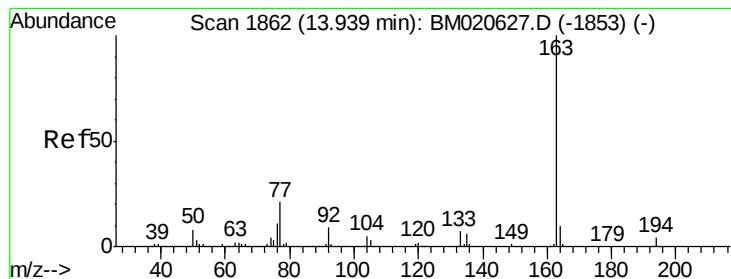
Tot Ion:330 Resp: 742128
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 33.7 30.4 45.6



#45
 2-Fluorobiphenyl
 Concen: 66.109 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020755.D
 Acq: 06 Jun 2019 02:30

Tgt Ion:172 Resp: 2944281
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.0 18.9 28.3





#50

Dimethylphthalate

Concen: 9.478 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampleId :

TP-3

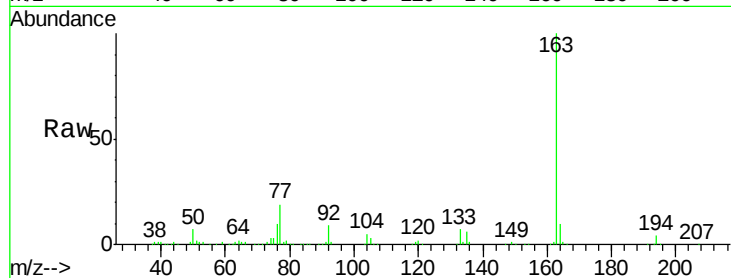
Tot Ion:163 Resp: 479469

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

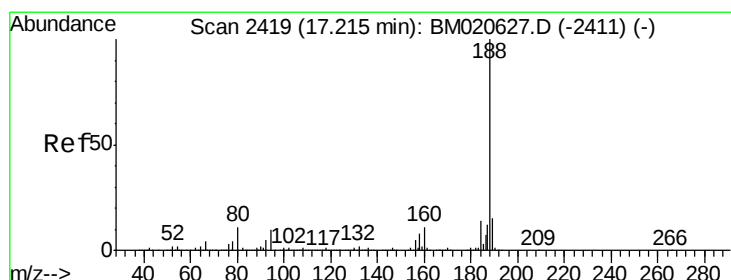
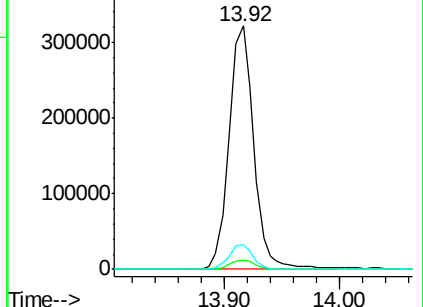
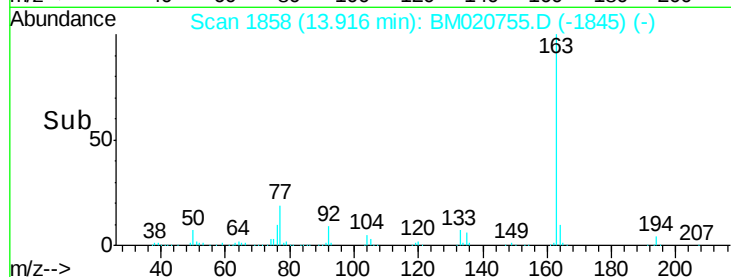
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

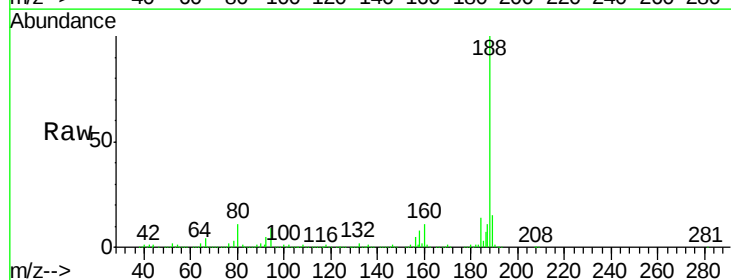
Tgt Ion:188 Resp: 1227975

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.8

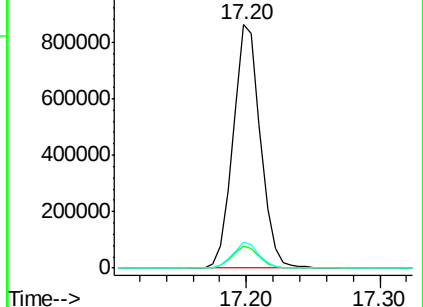
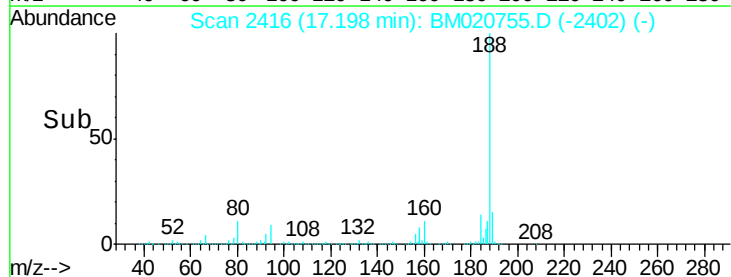
80 10.5 9.0 13.6

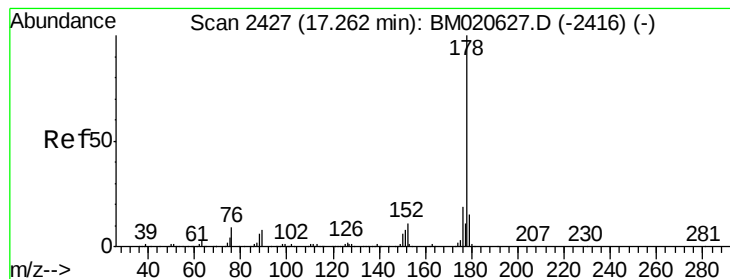


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 4.103 ng

RT: 17.25 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampled :

TP-3

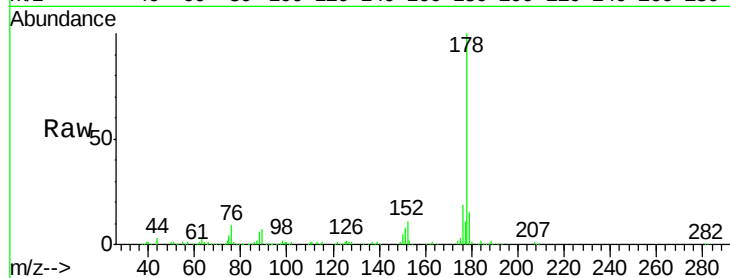
Tot Ion:178 Resp: 285584

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

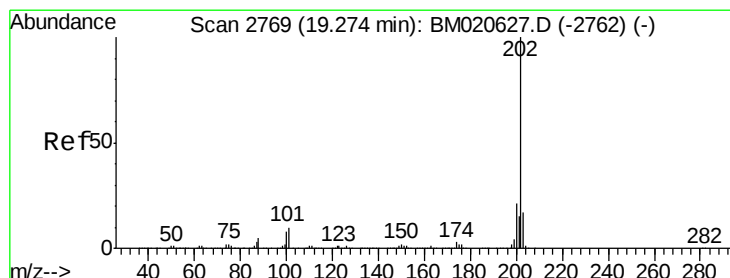
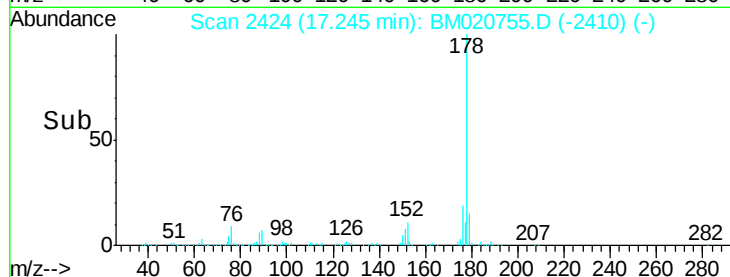
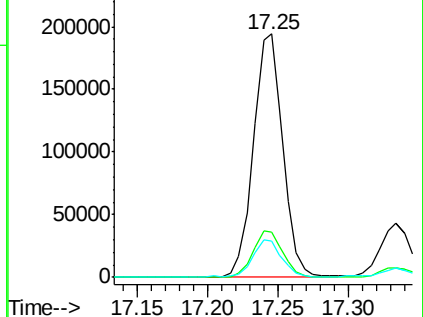
179 14.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.006 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

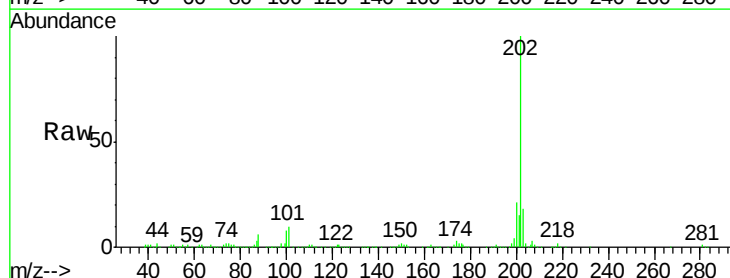
Tgt Ion:202 Resp: 464934

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.4

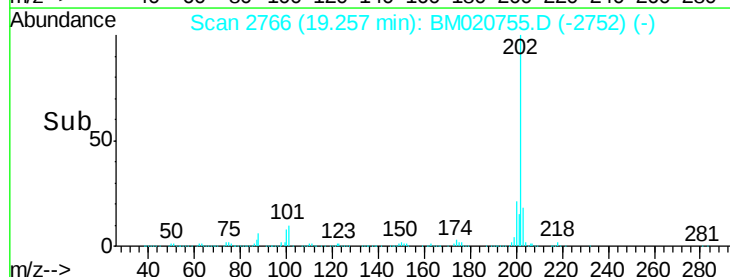
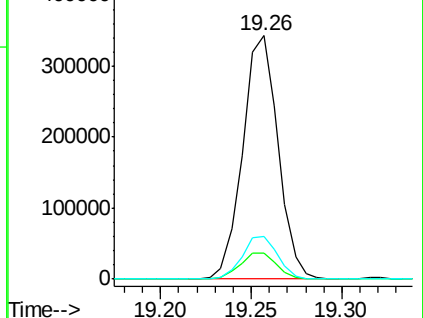
203 17.6 0.0 37.3

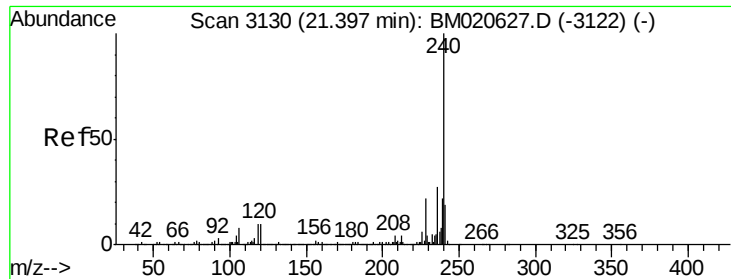


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

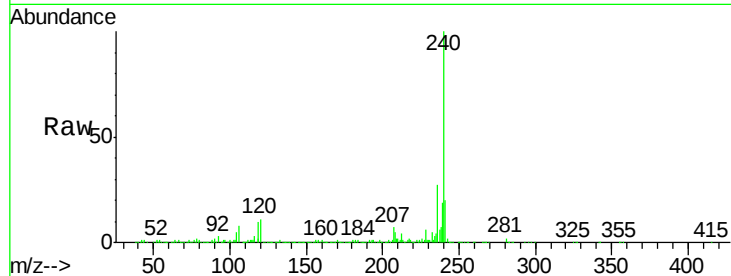




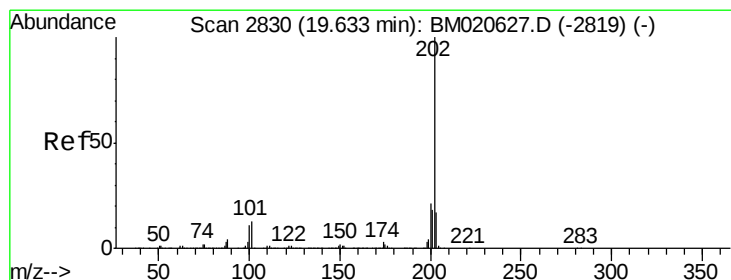
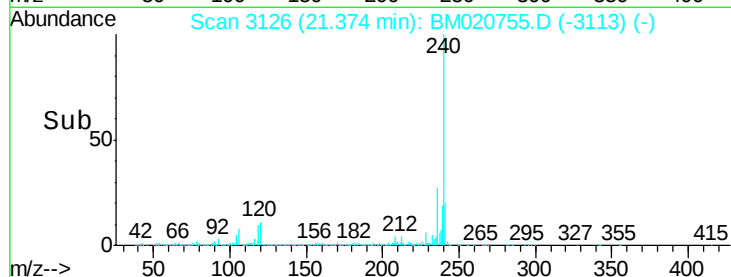
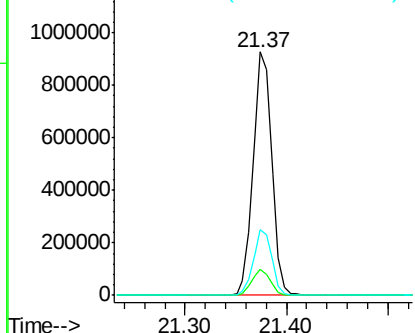
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion:240 Resp: 1185487
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.9 21.2 31.8

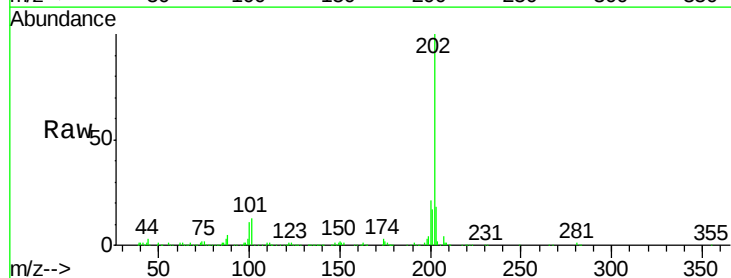


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

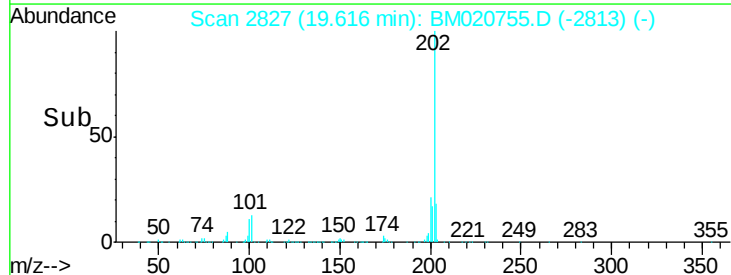
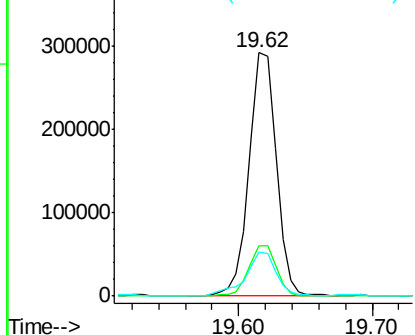


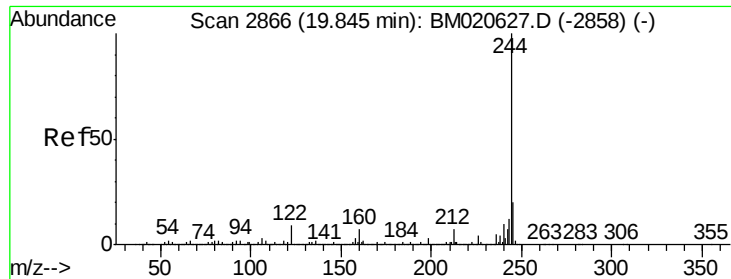
#78
Pyrene
Concen: 4.502 ng
RT: 19.62 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:202 Resp: 409560
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 18.1 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: 49.588 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampleId :

TP-3

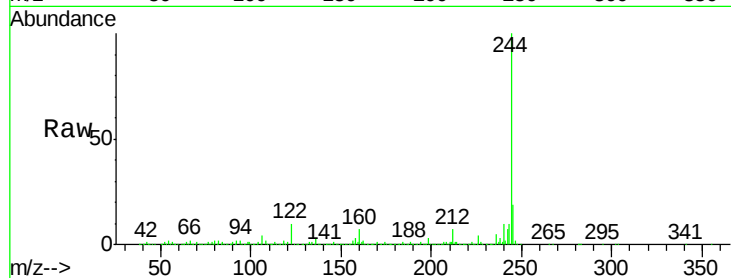
Tot Ion:244 Resp: 3514510

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

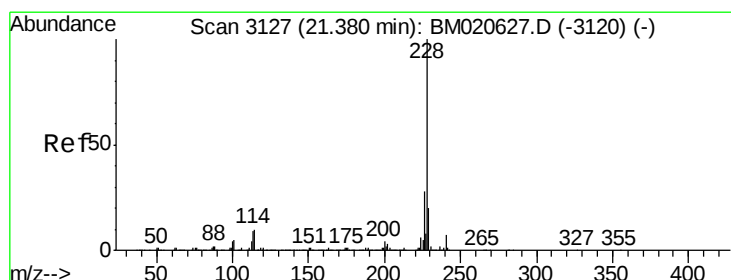
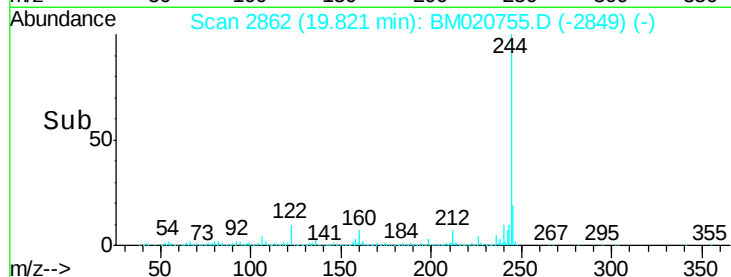
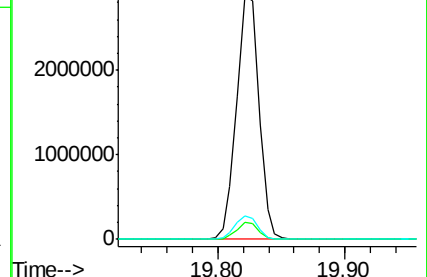
122 9.7 7.2 10.8



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



#81

Benzo(a)anthracene

Concen: 3.044 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

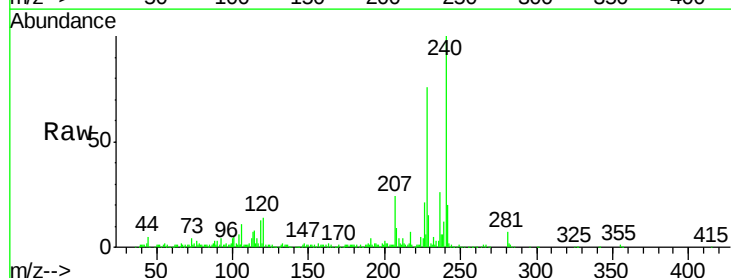
Tgt Ion:228 Resp: 251337

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

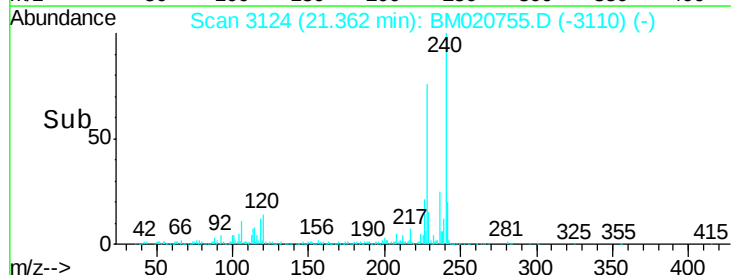
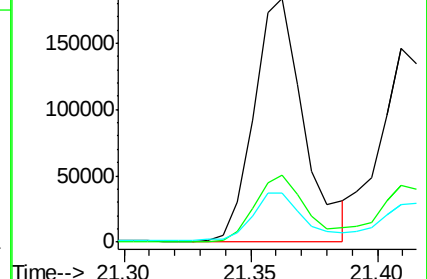
229 20.4 15.9 23.9

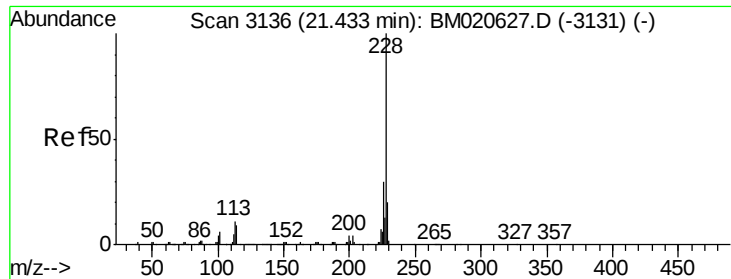


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.628 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampleId :

TP-3

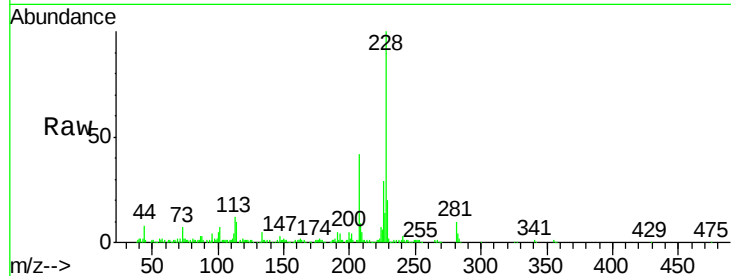
Tot Ion:228 Resp: 206261

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.2

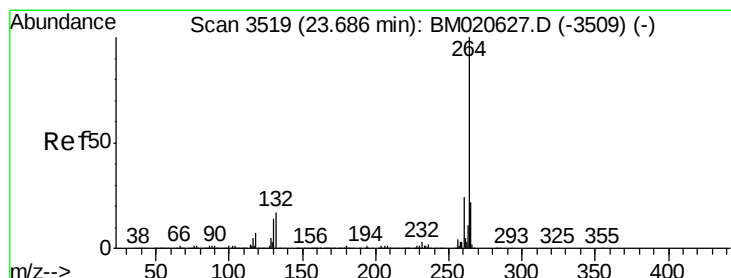
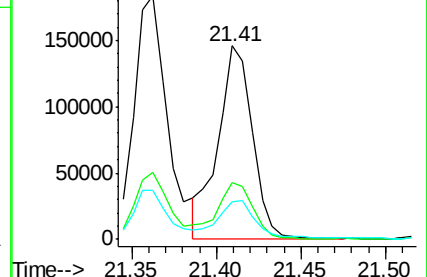
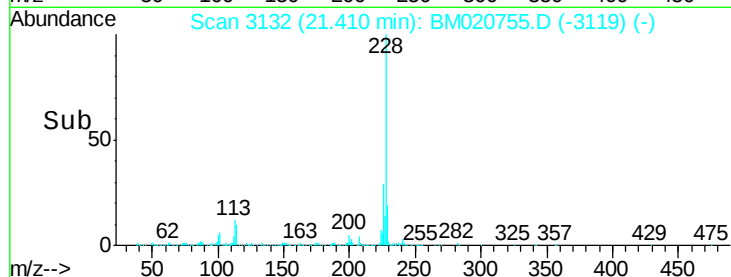
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

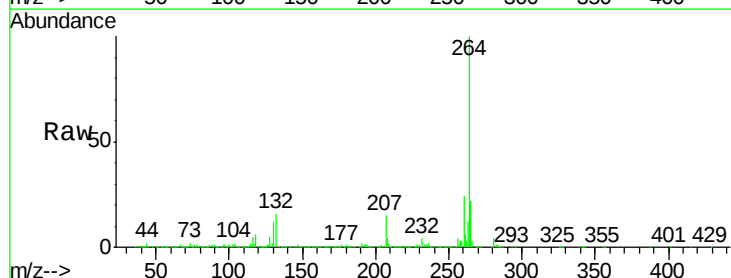
Tgt Ion:264 Resp: 1439562

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

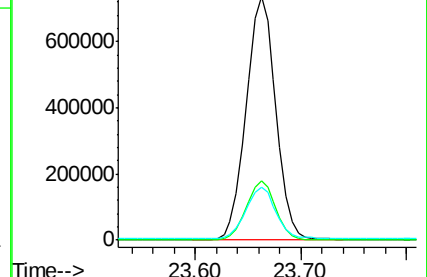
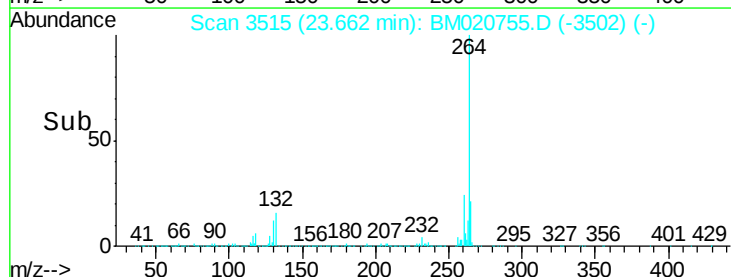
265 21.9 17.6 26.4

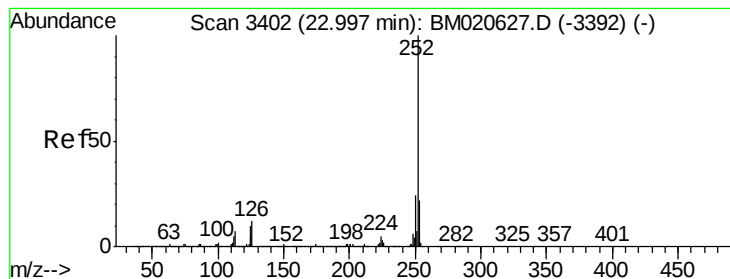


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.834 ng

RT: 22.97 min Scan# 3398

Delta R.T. -0.02 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

Instrument :

BNA_M

ClientSampled :

TP-3

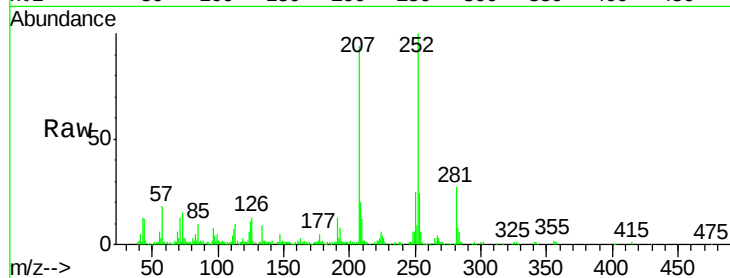
Tot Ion:252 Resp: 269627

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

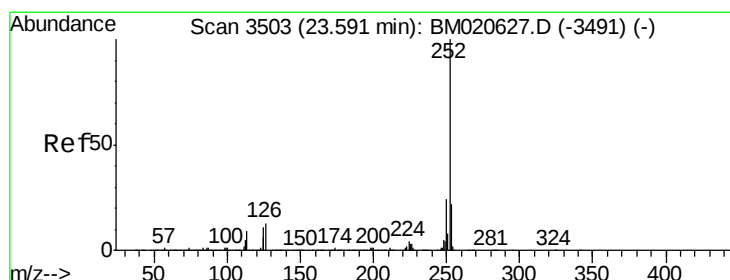
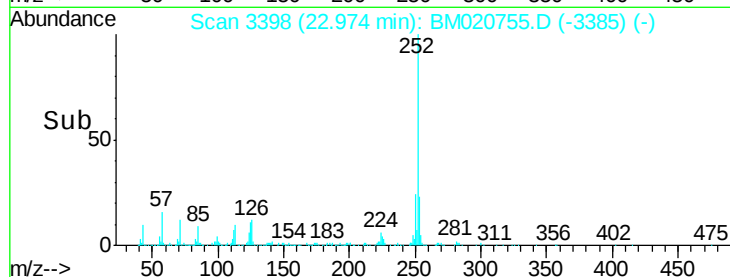
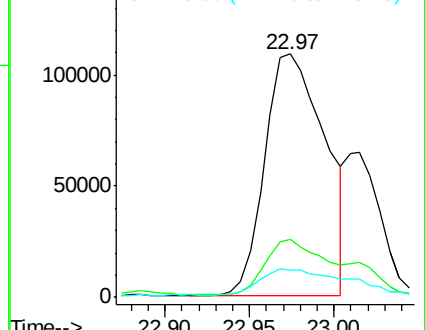
125 11.4 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.224 ng

RT: 23.56 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM020755.D

Acq: 06 Jun 2019 02:30

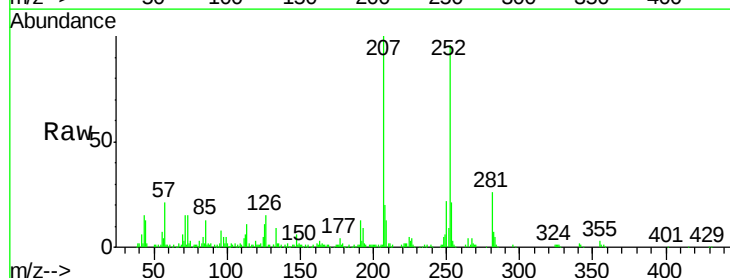
Tgt Ion:252 Resp: 191949

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.7 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

