

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022227.D
 Acq On : 21 Aug 2019 13:53
 Operator : HP/JU
 Sample : K4408-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: Aug 21 14:36:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

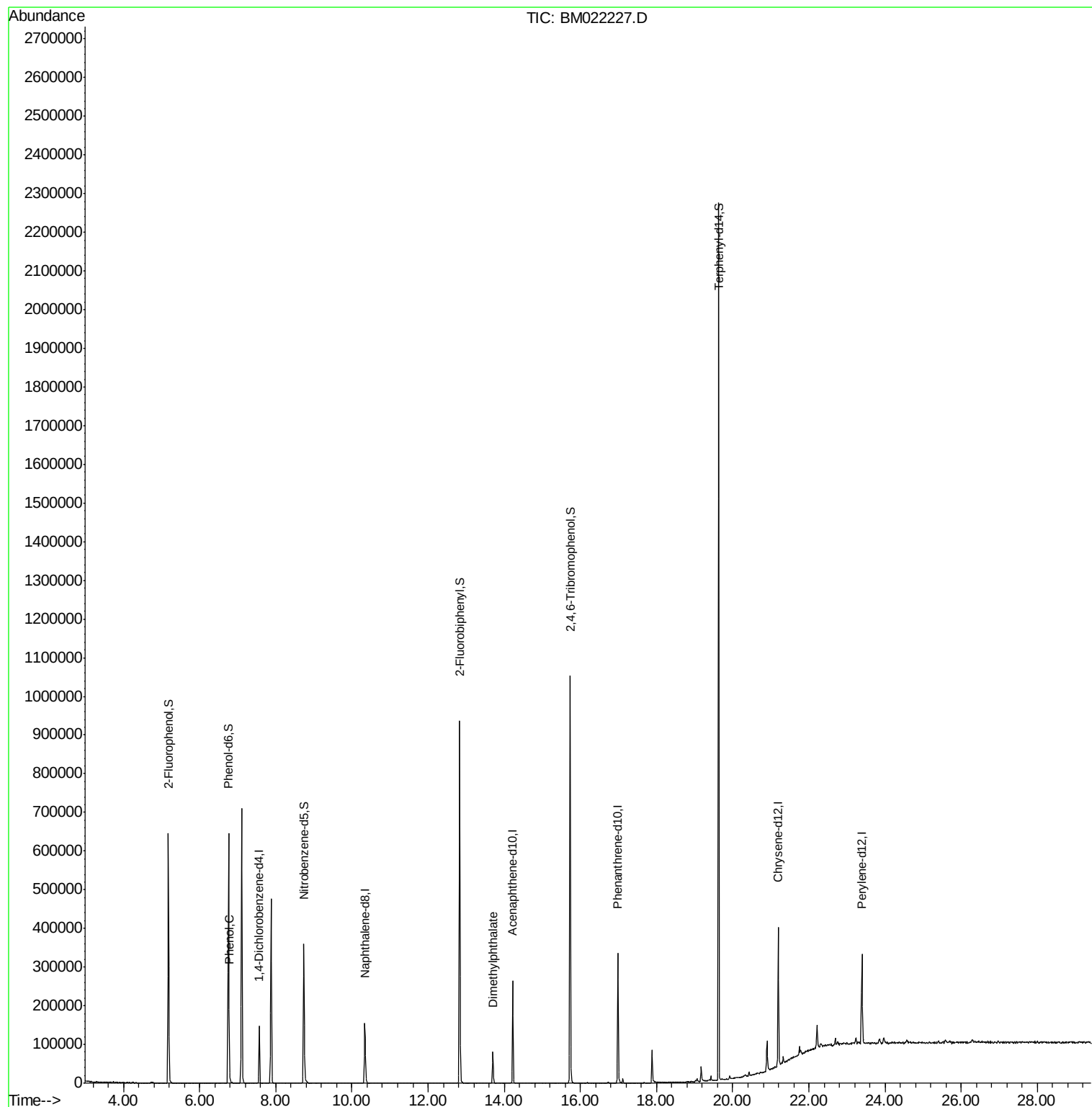
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	32518	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	128223	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	87119	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	181511	20.00	ng	0.00
76) Chrysene-d12	21.20	240	161394	20.00	ng	0.00
87) Perylene-d12	23.39	264	162484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	217043	118.94	ng	0.00
7) Phenol-d6	6.76	99	294273	121.10	ng	0.00
23) Nitrobenzene-d5	8.73	82	206593	78.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	168651	119.60	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	434606	62.31	ng	0.00
79) Terphenyl-d14	19.63	244	867742	78.34	ng	0.00
Target Compounds						
10) Phenol	6.78	94	7049	2.740	ng	Qvalue # 34
50) Dimethylphthalate	13.70	163	56394	7.699	ng	99

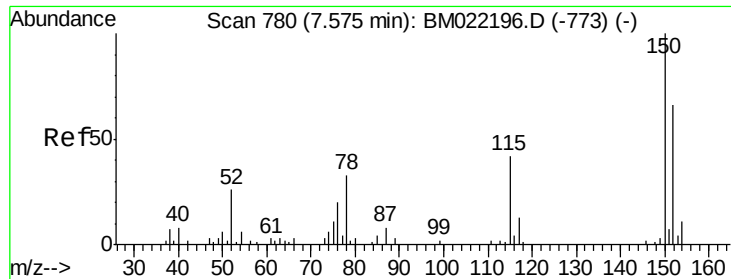
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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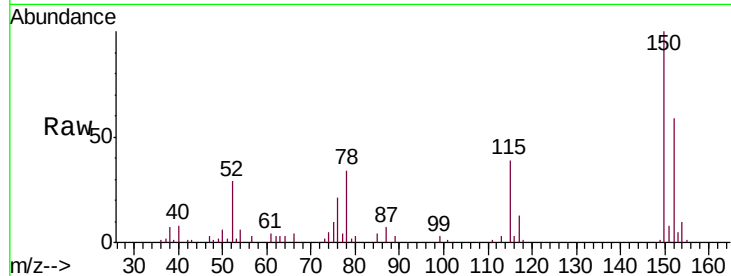


#1

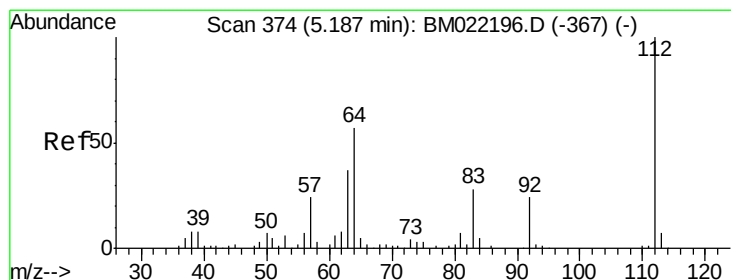
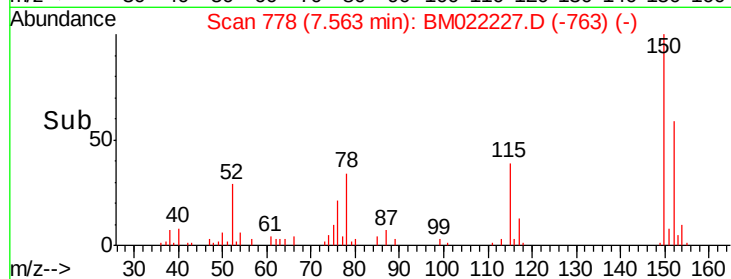
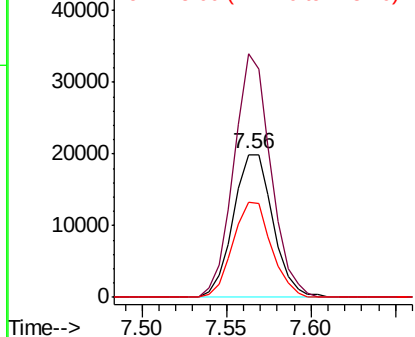
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BM022227.D
 Acq: 21 Aug 2019 13:53

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Tot Ion:152 Resp: 32518
 Ion Ratio Lower Upper
 152 100
 150 170.4 123.1 184.7
 115 67.0 44.2 66.4#



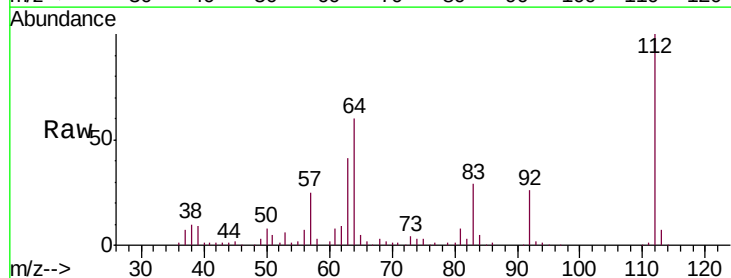
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



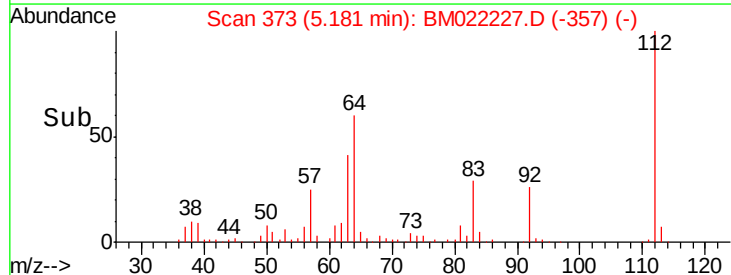
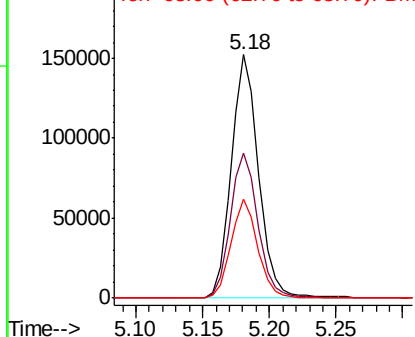
#5

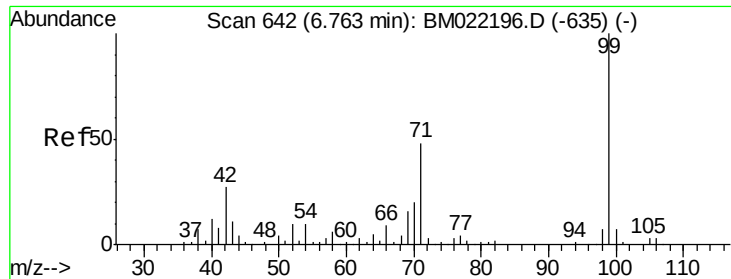
2-Fluorophenol
 Concen: 118.939 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022227.D
 Acq: 21 Aug 2019 13:53

Tgt Ion:112 Resp: 217043
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.2 67.8
 63 40.8 23.5 35.3#



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: 121.096 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampled :

SP-1

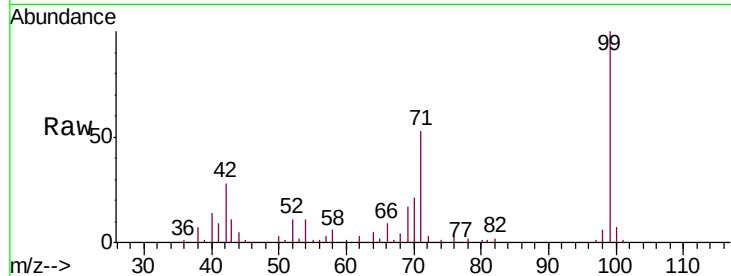
Tot Ion: 99 Resp: 294273

Ion Ratio Lower Upper

99 100

42 28.3 13.5 20.3#

71 53.2 29.3 43.9#

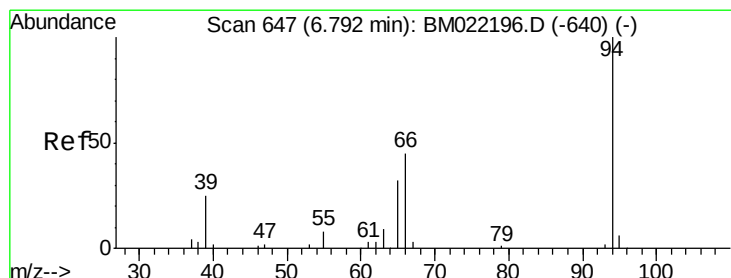
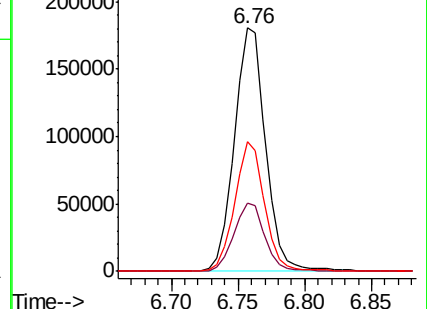
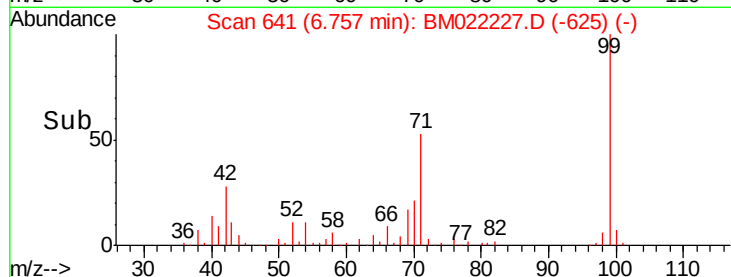


Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)

Time-->



#10

Phenol

Concen: 2.740 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

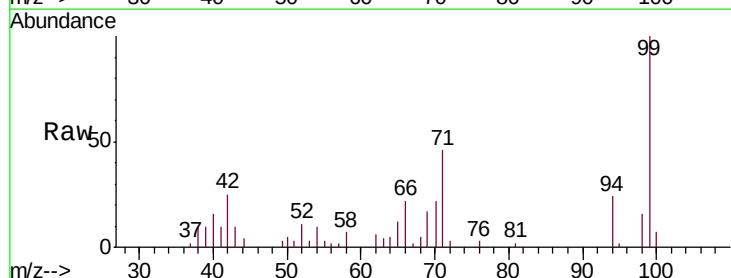
Tgt Ion: 94 Resp: 7049

Ion Ratio Lower Upper

94 100

65 49.6 8.7 48.7#

66 90.8 19.0 59.0#

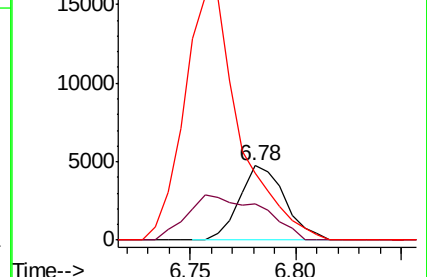
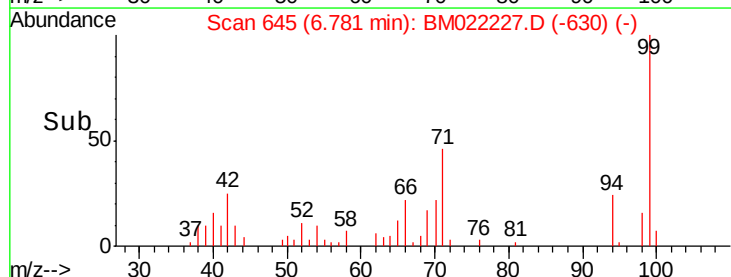


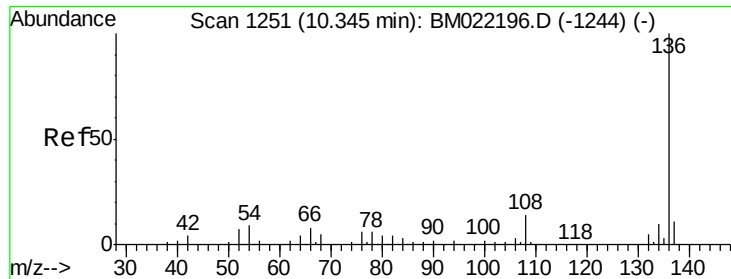
Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

Time-->

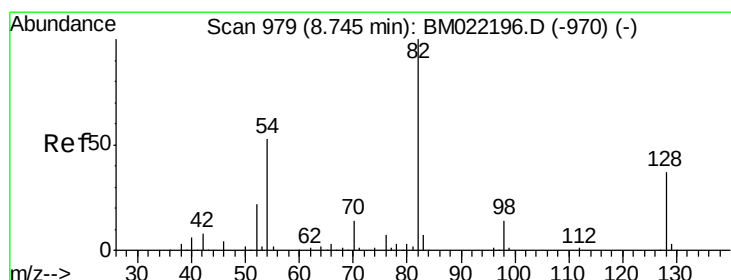
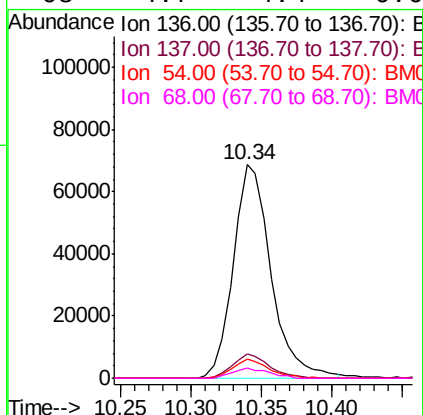
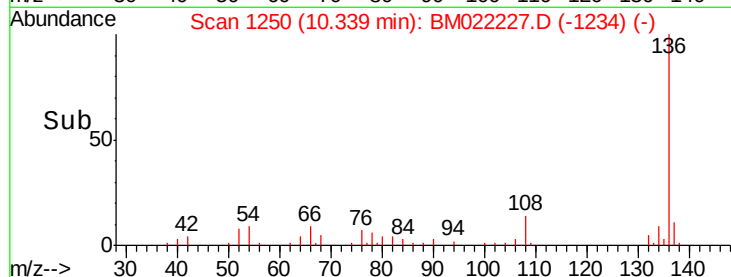
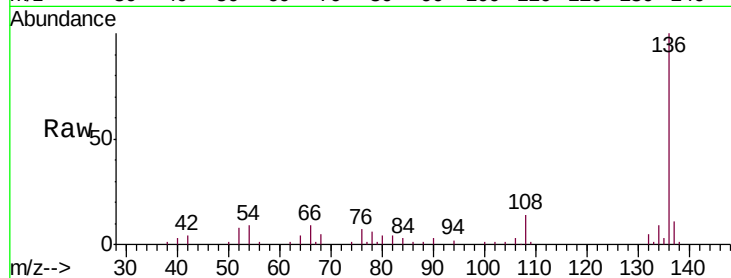




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

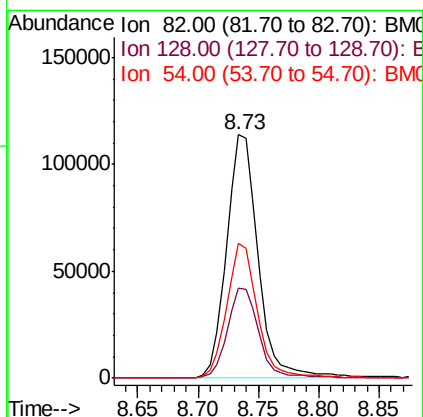
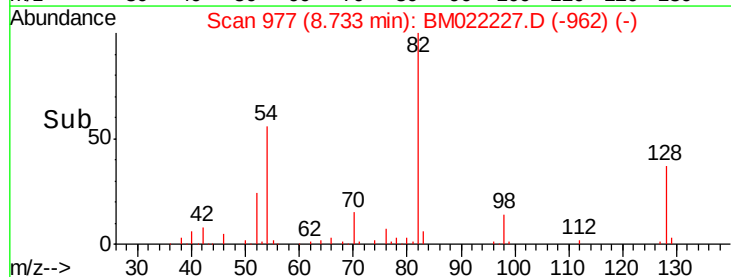
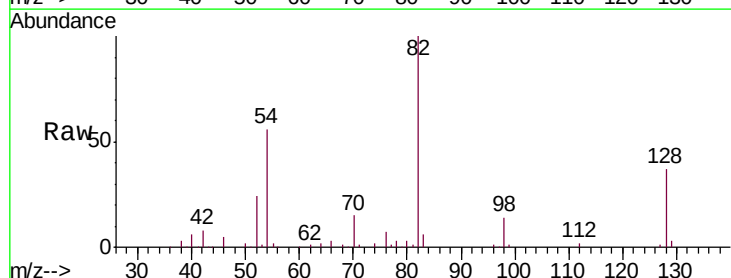
Instrument :
BNA_M
ClientSampled :
SP-1

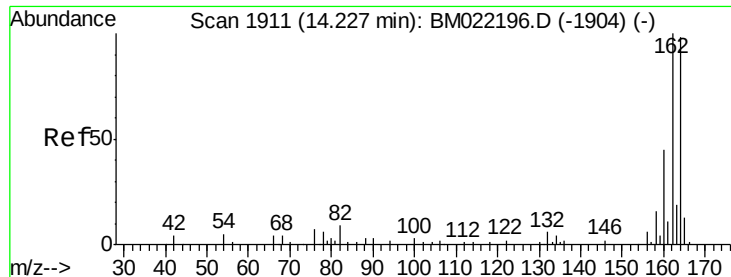
Tot Ion:136	Resp:	128223
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 13.0
54	8.7	5.3 7.9#
68	4.7	4.4 6.6



#23
Nitrobenzene-d5
Concen: 78.364 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Tgt Ion: 82	Resp:	206593
Ion	Ratio	Lower Upper
82	100	
128	36.8	35.9 53.9
54	55.6	36.6 55.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampleId :

SP-1

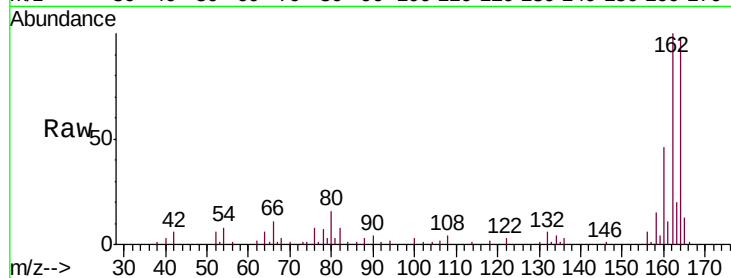
Tot Ion:164 Resp: 87119

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

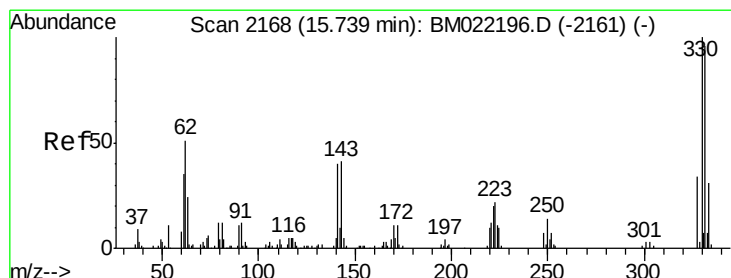
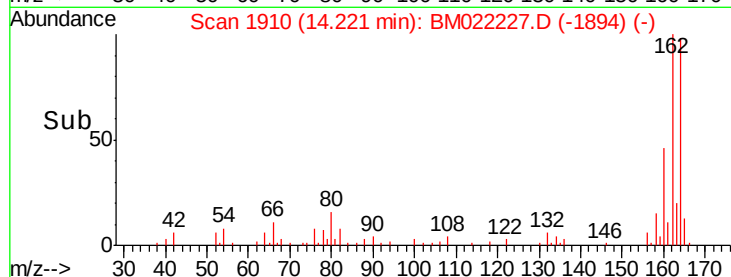
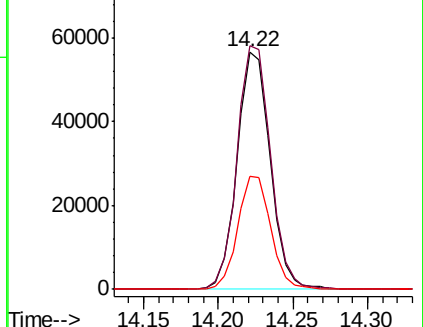
160 47.4 37.1 55.7



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: 119.603 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

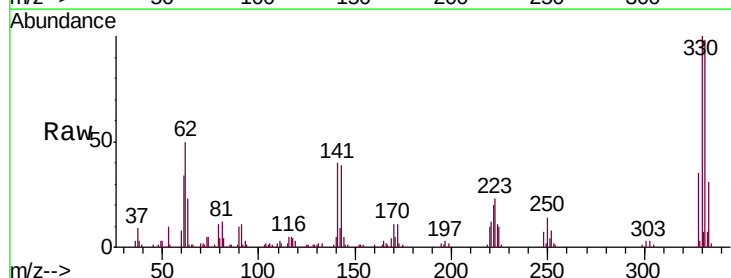
Tgt Ion:330 Resp: 168651

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

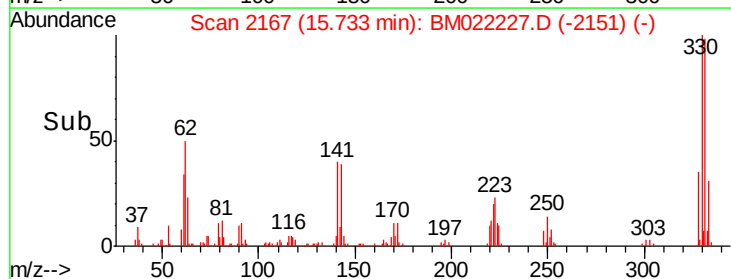
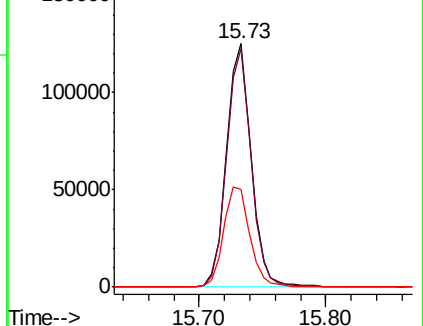
141 43.7 21.8 32.8#

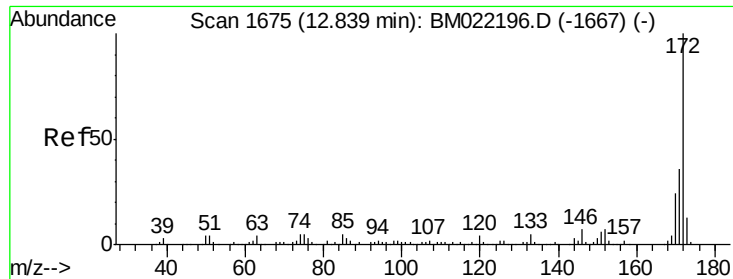


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

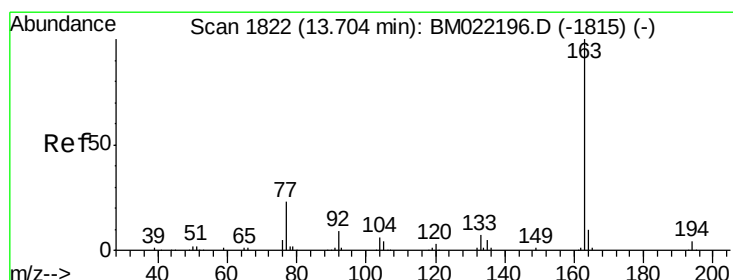
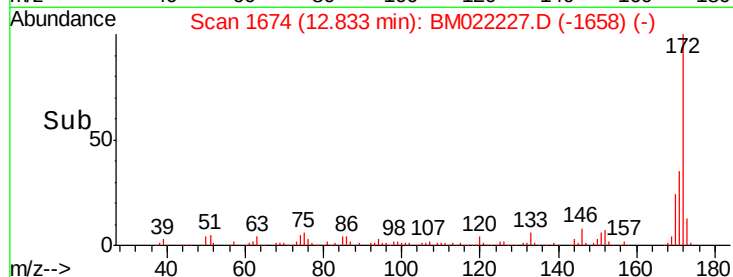
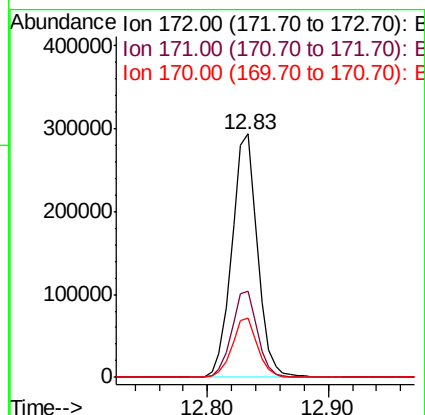
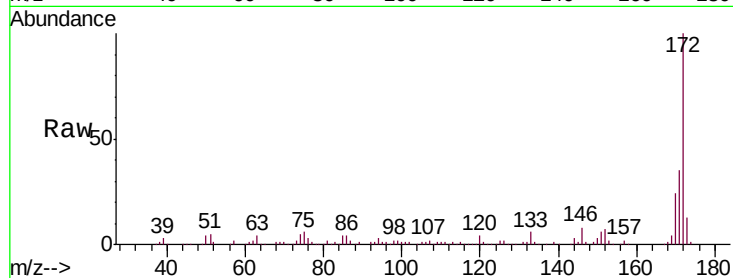




#45
2-Fluorobiphenyl
Concen: 62.308 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

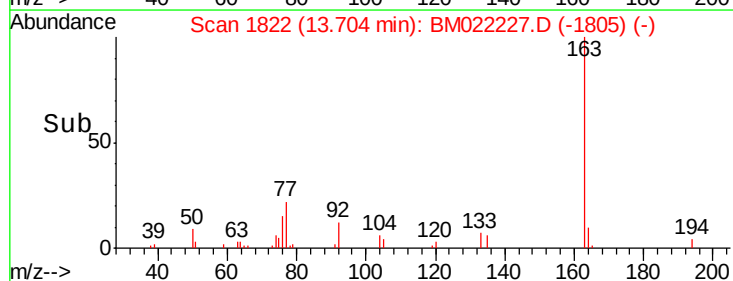
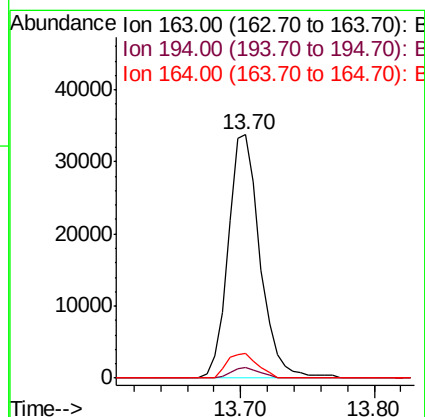
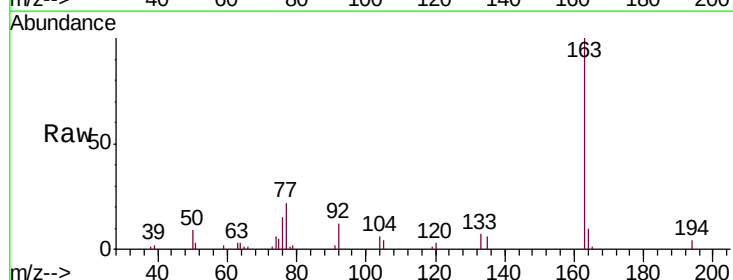
Instrument :
BNA_M
ClientSampleId :
SP-1

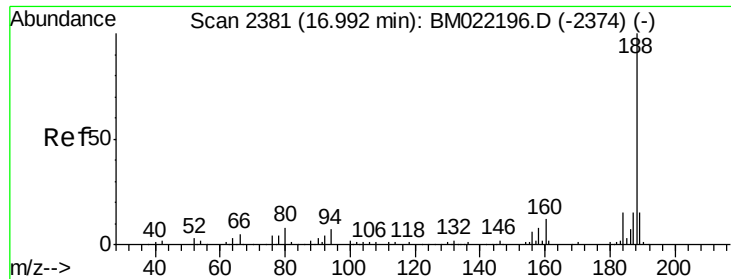
Tot Ion:172 Resp: 434606
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.4 18.7 28.1



#50
Dimethylphthalate
Concen: 7.699 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Tgt Ion:163 Resp: 56394
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.2

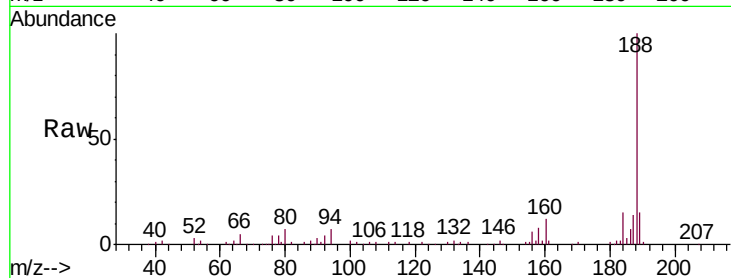




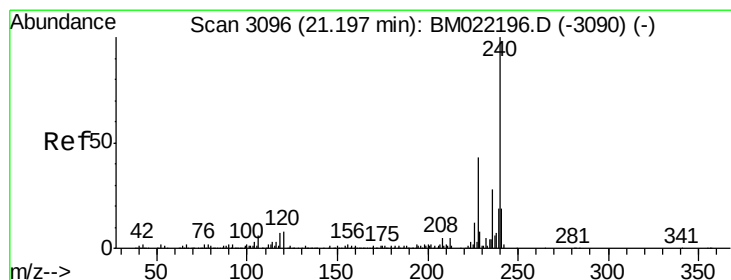
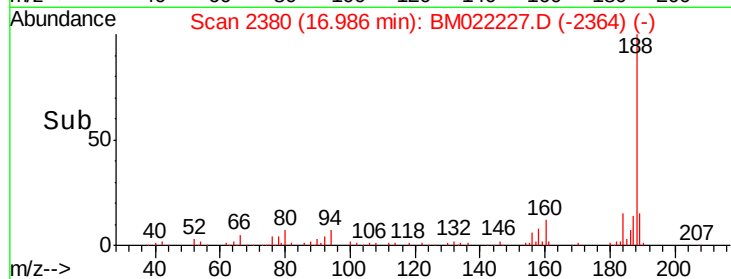
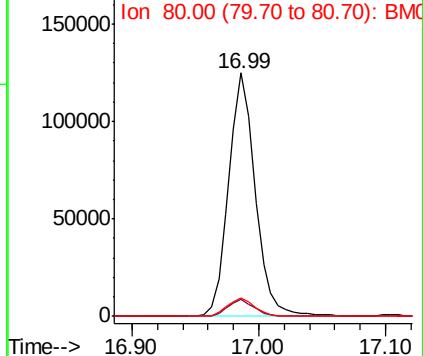
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Instrument :
BNA_M
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	7.5	6.9	10.3

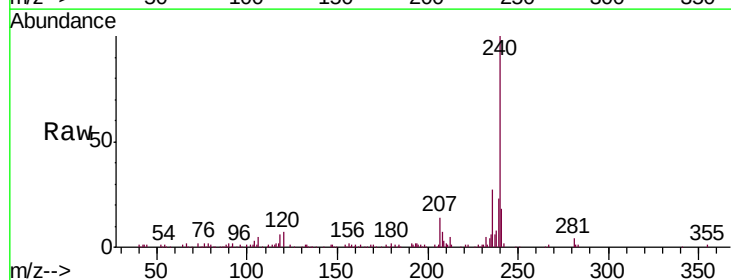


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

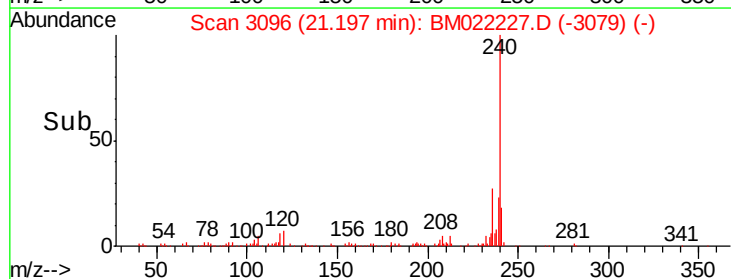
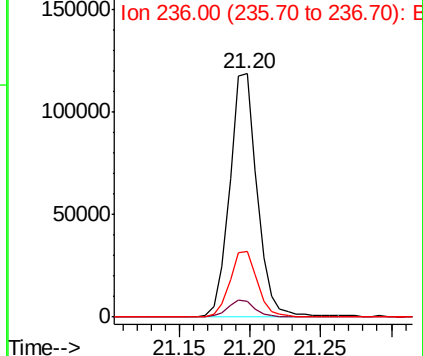


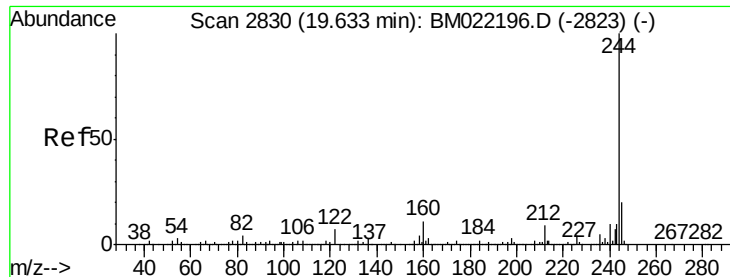
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.9	10.3#
236	27.2	20.4	30.6



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





#79

Terphenyl-d14

Concen: 78.341 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampleId :

SP-1

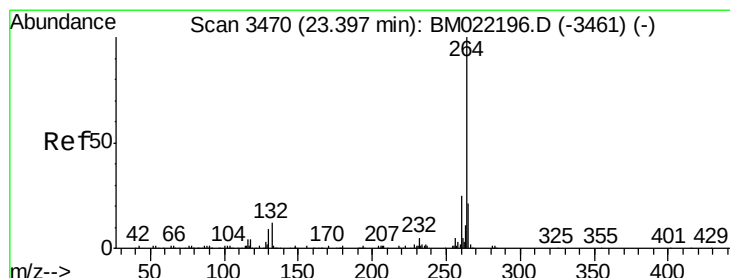
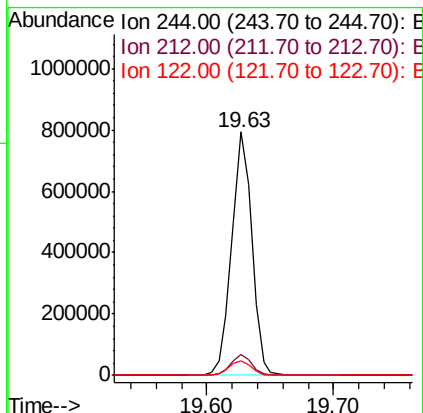
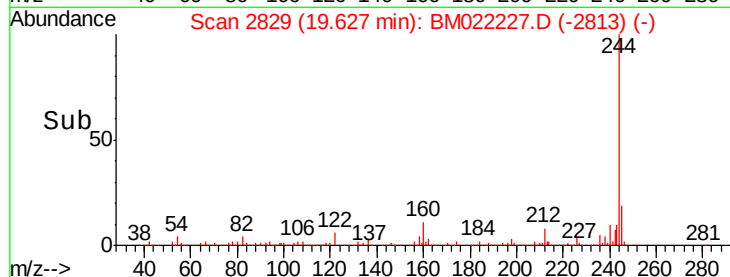
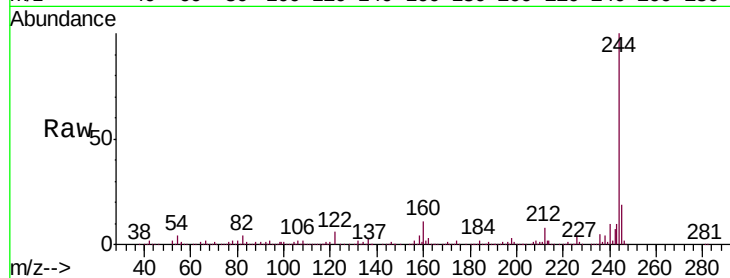
Tot Ion:244 Resp: 867742

Ion Ratio Lower Upper

244 100

212 8.4 5.3 7.9#

122 6.2 6.6 9.8#



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Tgt Ion:264 Resp: 162484

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 23.1 17.7 26.5

