

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
 Data File : BM020289.D
 Acq On : 12 May 2019 02:21
 Operator : JU/SJ
 Sample : K2751-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: May 12 03:14:22 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

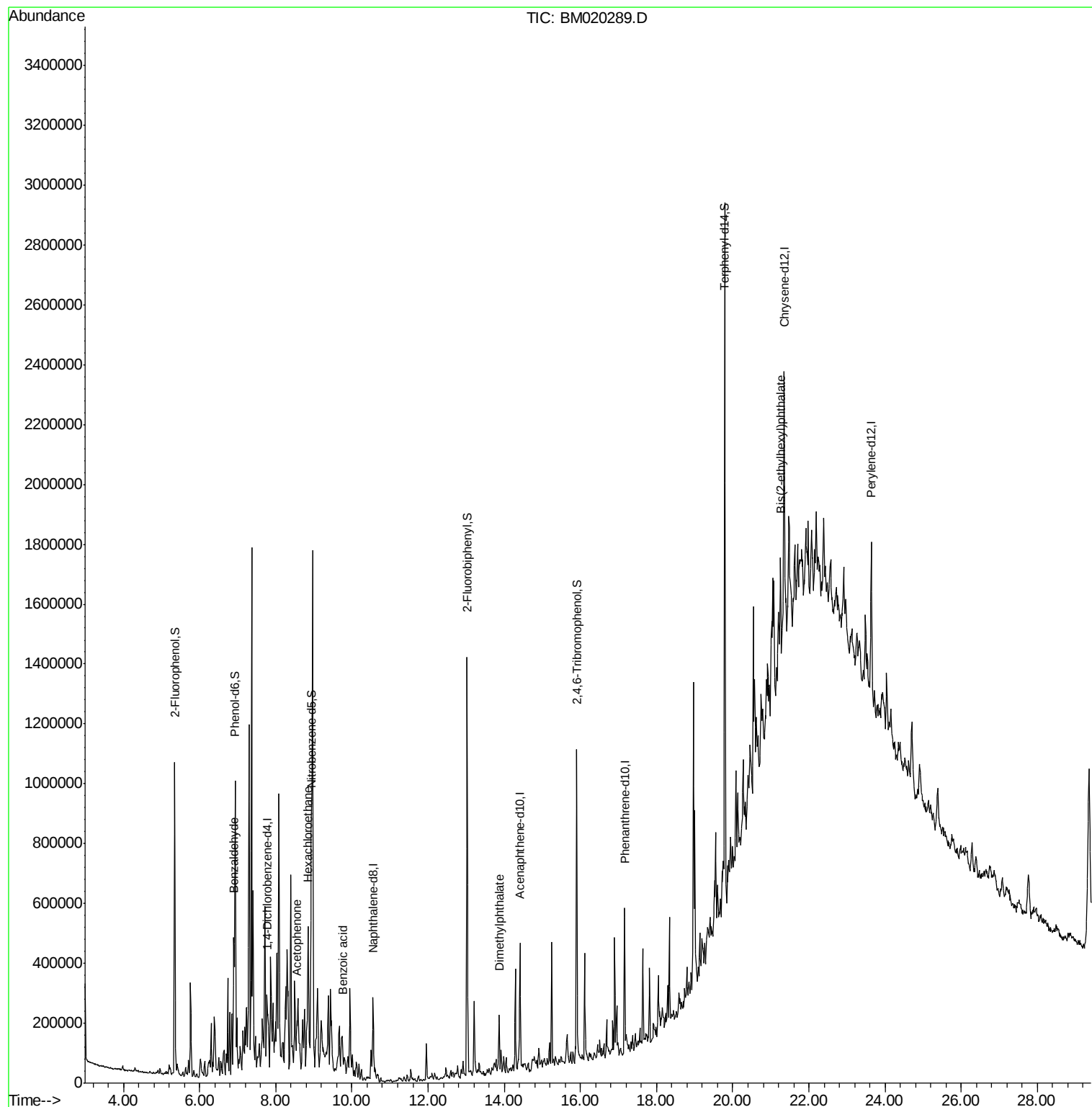
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60503	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	220655	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	130484	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	284674	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	314191	20.00	ng	-0.02
87) Perylene-d12	23.64	264	395263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	402916	108.85	ng	-0.02
7) Phenol-d6	6.93	99	538223	106.44	ng	-0.02
23) Nitrobenzene-d5	8.93	82	353344	63.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	197883	97.70	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	721469	68.03	ng	-0.03
79) Terphenyl-d14	19.79	244	1117338	62.03	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.90	77	8678	2.267	ng	Qvalue # 1
18) Hexachloroethane	8.86	117	26548	13.441	ng	# 1
22) Acetophenone	8.55	105	95145	15.777	ng	# 60
32) Benzoic acid	9.76	122	679	6.893	ng	# 1
50) Dimethylphthalate	13.87	163	62546	5.640	ng	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	72481	6.089	ng	96

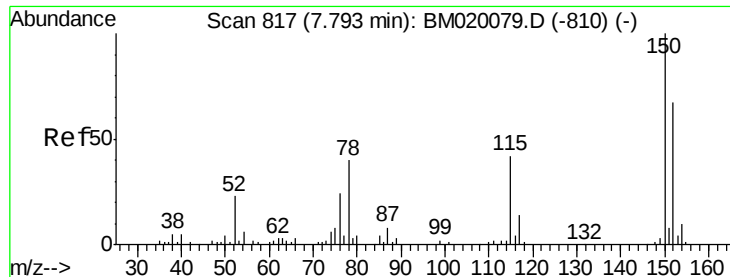
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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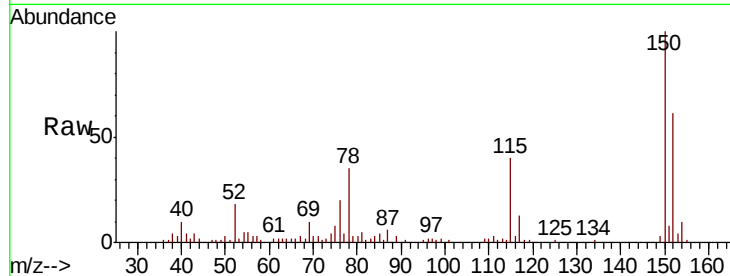


#1

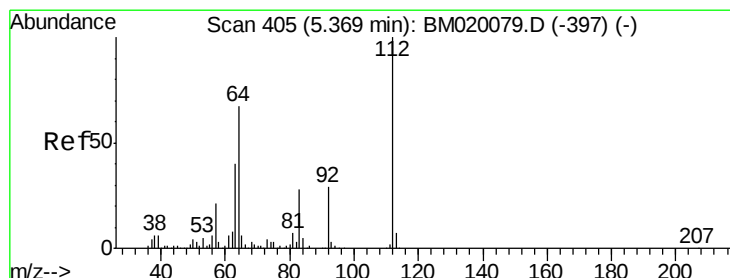
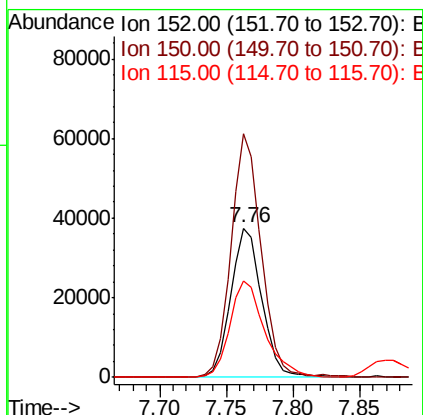
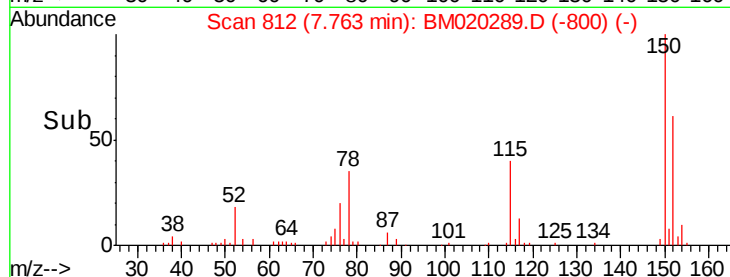
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Instrument :
 BNA_M
 ClientSampled :
 COMP-3

Tgt Ion:152 Resp: 60503
 Ion Ratio Lower Upper
 152 100
 150 163.5 119.8 179.8
 115 64.6 50.8 76.2



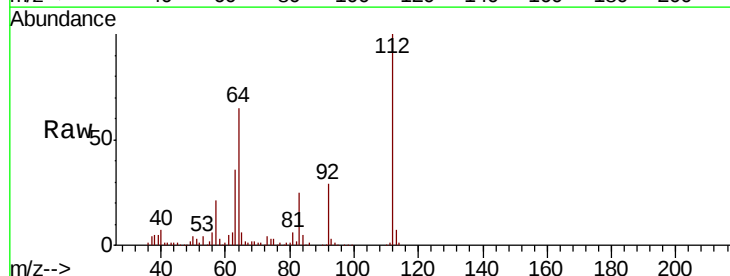
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



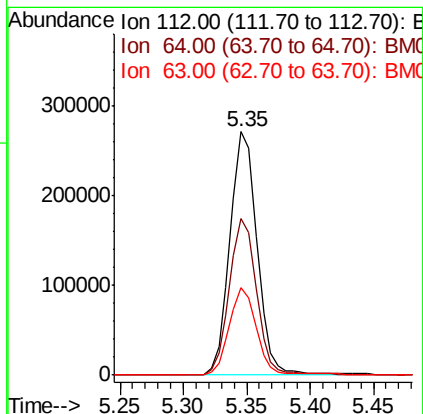
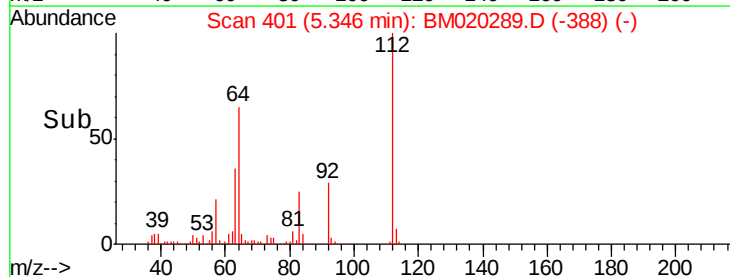
#5

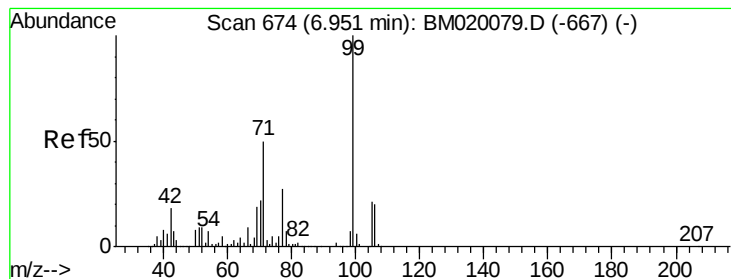
2-Fluorophenol
 Concen: 108.855 ng
 RT: 5.35 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Tgt Ion:112 Resp: 402916
 Ion Ratio Lower Upper
 112 100
 64 64.5 53.8 80.6
 63 35.9 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: 106.439 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-3

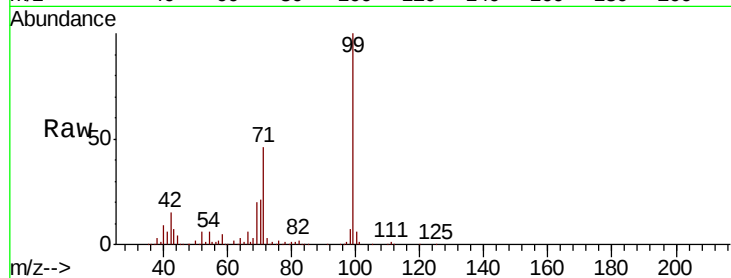
Tgt Ion: 99 Resp: 538223

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

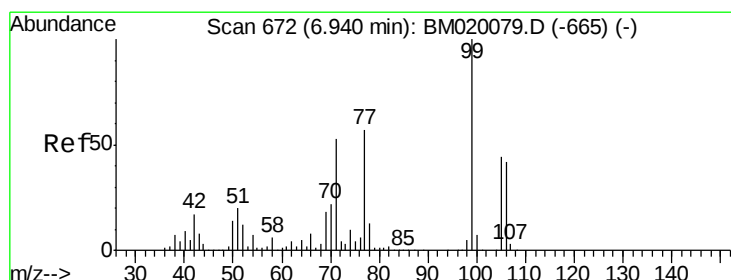
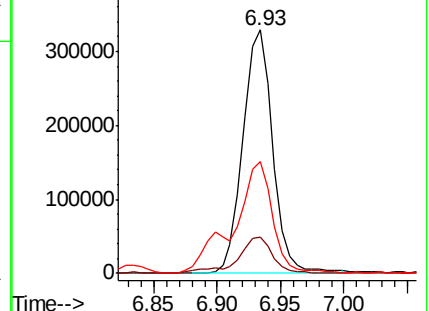
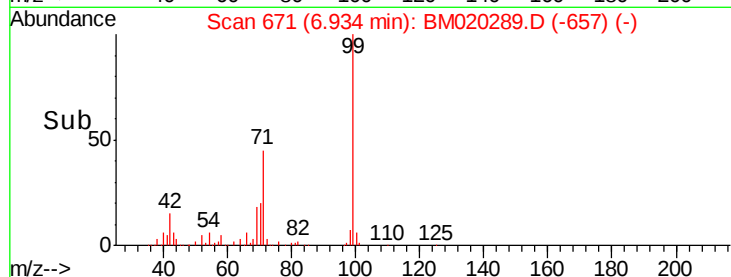
71 45.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#9

Benzaldehyde

Concen: 2.267 ng

RT: 6.90 min Scan# 666

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

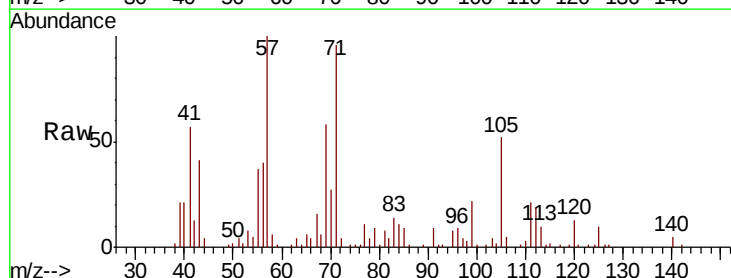
Tgt Ion: 77 Resp: 8678

Ion Ratio Lower Upper

77 100

105 469.4 57.8 97.8#

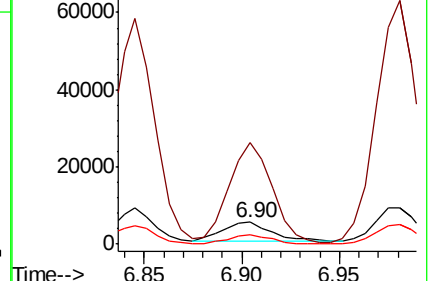
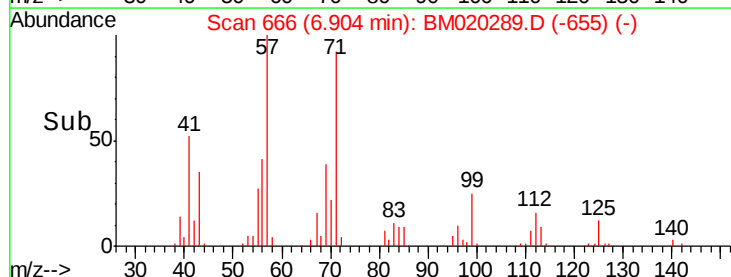
106 42.8 53.6 93.6#

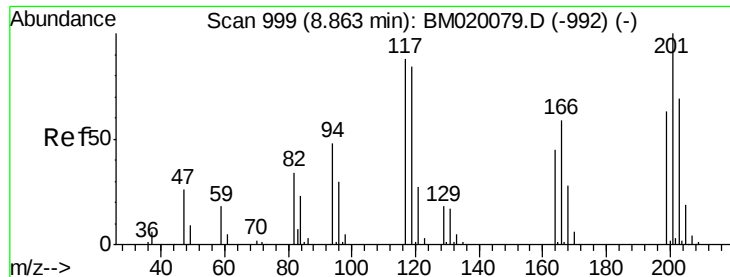


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)

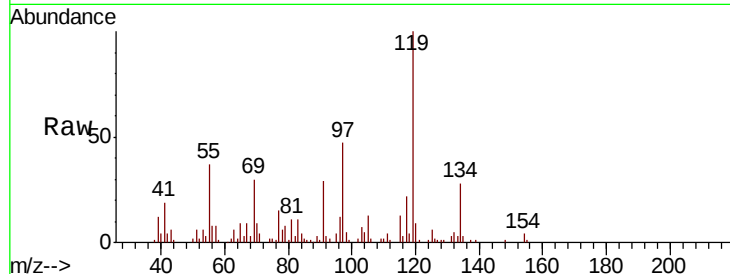




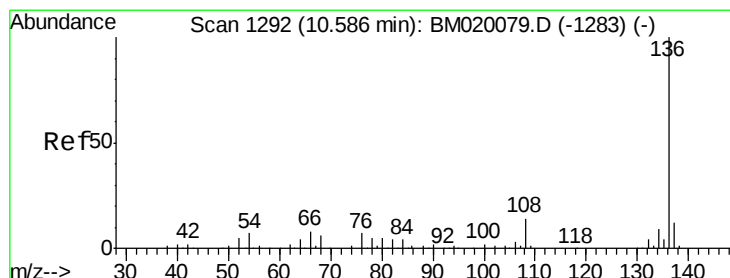
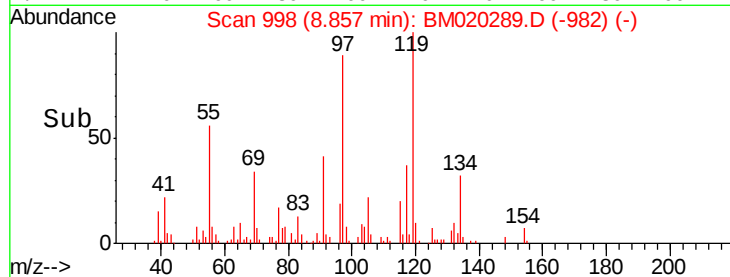
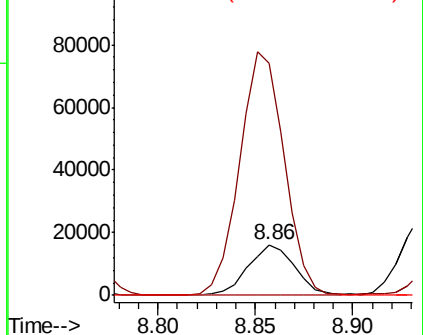
#18
Hexachloroethane
Concen: 13.441 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Instrument :
BNA_M
ClientSampled :
COMP-3

Tgt Ion:117 Resp: 26548
Ion Ratio Lower Upper
117 100
119 459.5 76.6 114.8#
201 0.0 90.7 136.1#



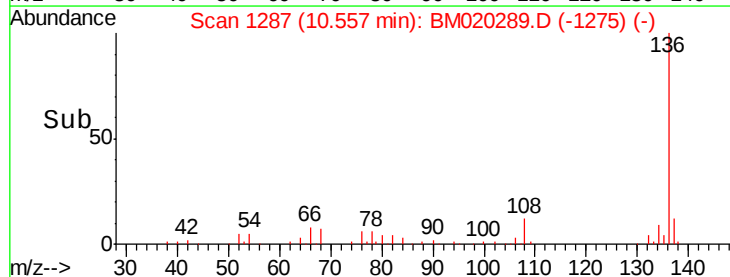
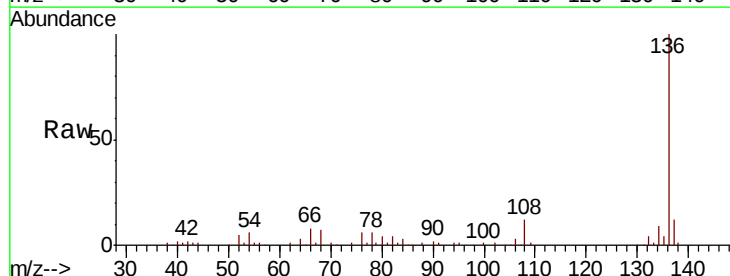
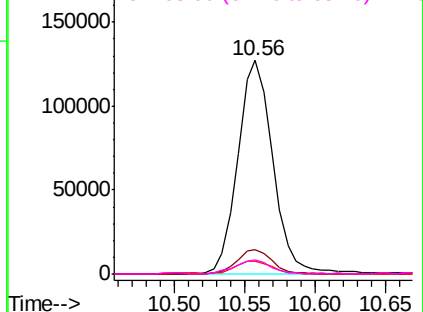
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

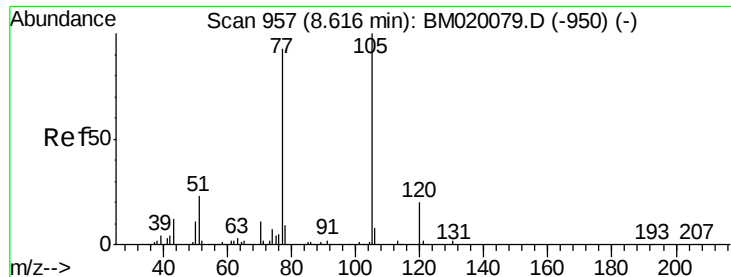


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Tgt Ion:136 Resp: 220655
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 5.7 5.5 8.3
68 6.7 4.6 6.8

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): BM0
Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 15.777 ng

RT: 8.55 min Scan# 946

Delta R.T. -0.06 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-3

Tgt Ion:105 Resp: 95145

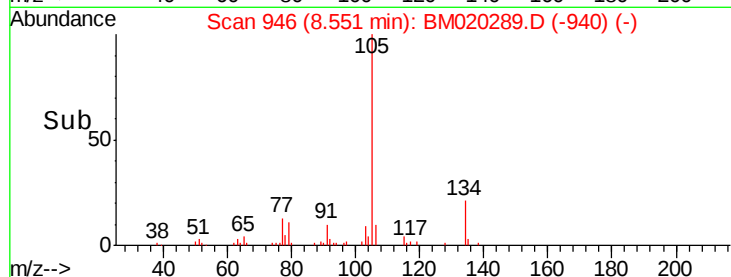
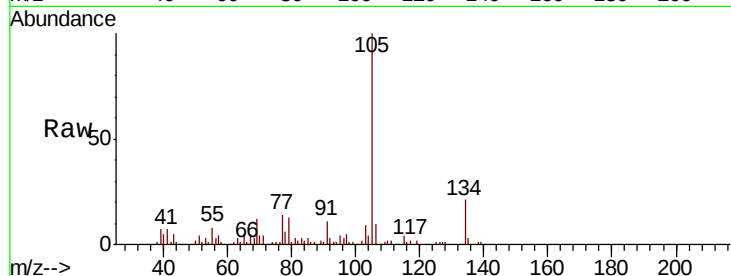
Ion Ratio Lower Upper

105 100

71 3.7 2.2 3.2#

51 3.9 19.3 28.9#

120 0.0 16.2 24.4#

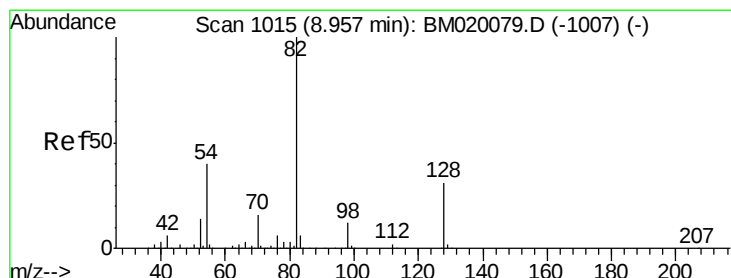
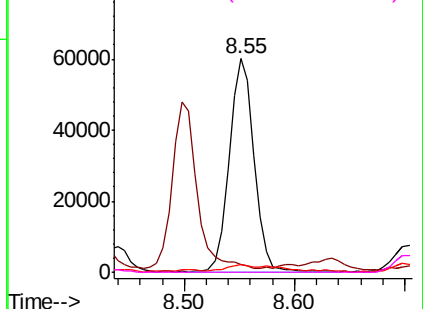


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 63.221 ng

RT: 8.93 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

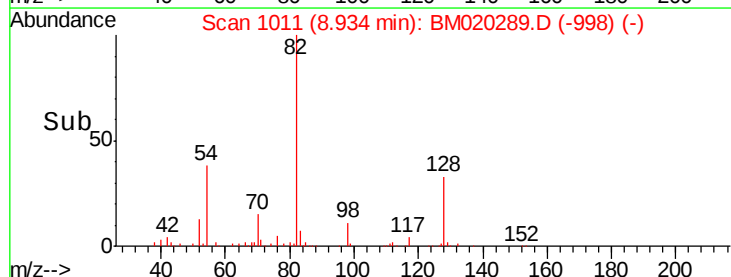
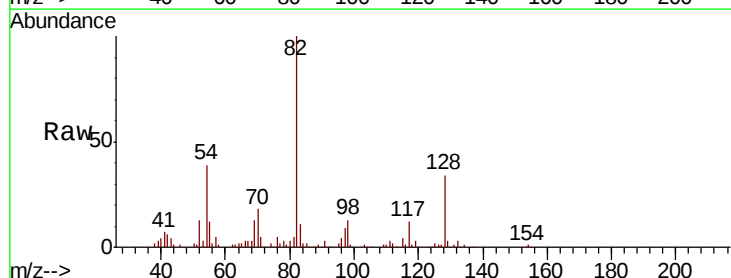
Tgt Ion: 82 Resp: 353344

Ion Ratio Lower Upper

82 100

128 33.5 25.2 37.8

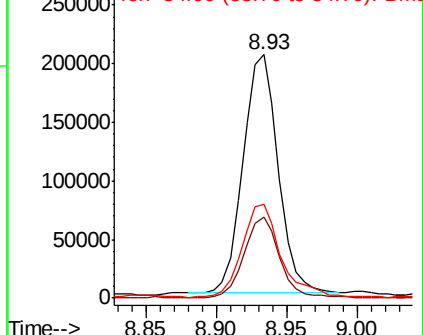
54 38.6 31.9 47.9

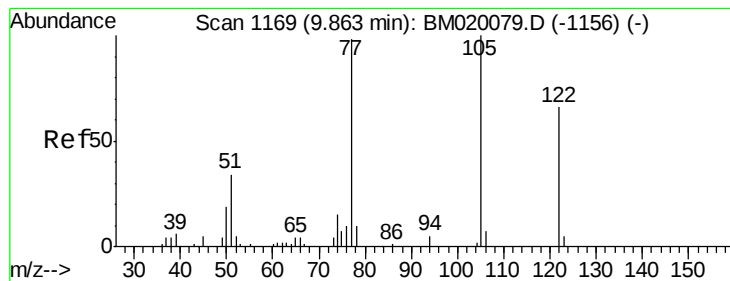


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#32

Benzoic acid

Concen: 6.893 ng

RT: 9.76 min Scan# 1151

Delta R.T. -0.11 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

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ClientSampleId :

COMP-3

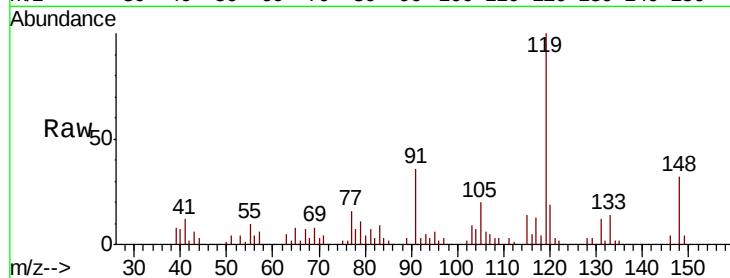
Tgt Ion:122 Resp: 679

Ion Ratio Lower Upper

122 100

105 892.9 122.5 162.5#

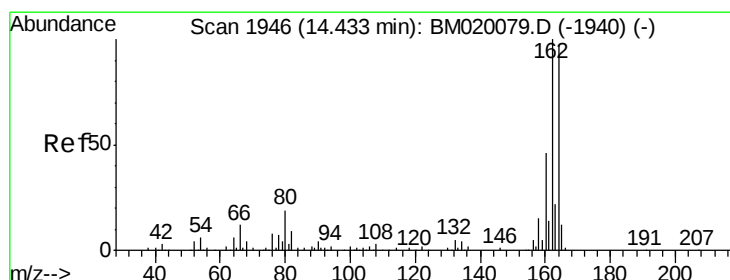
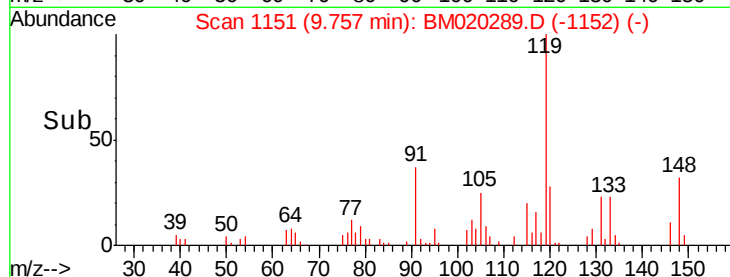
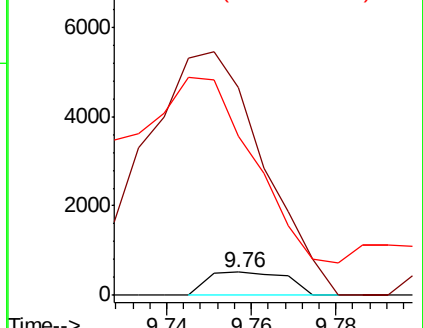
77 686.9 123.3 163.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

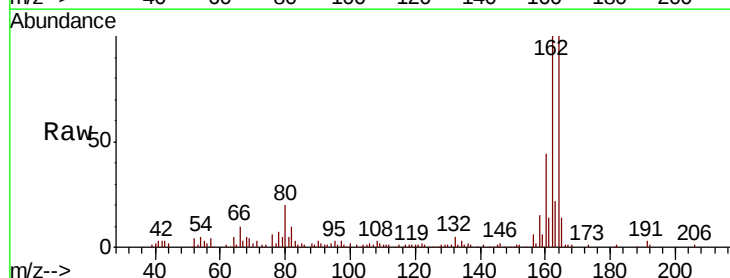
Tgt Ion:164 Resp: 130484

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.2

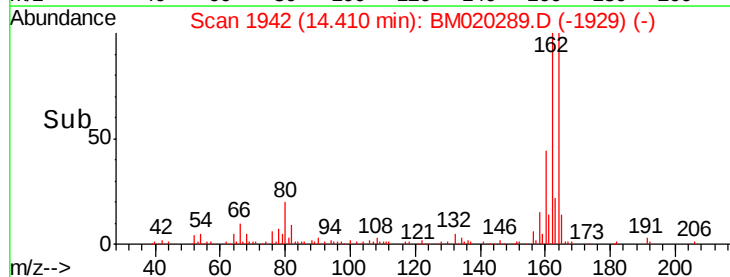
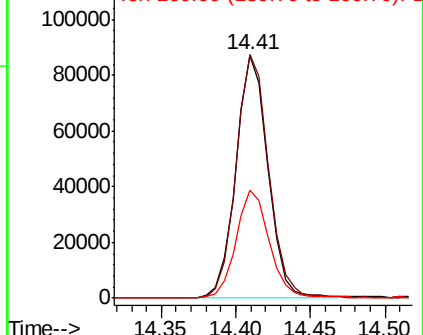
160 44.4 37.6 56.4

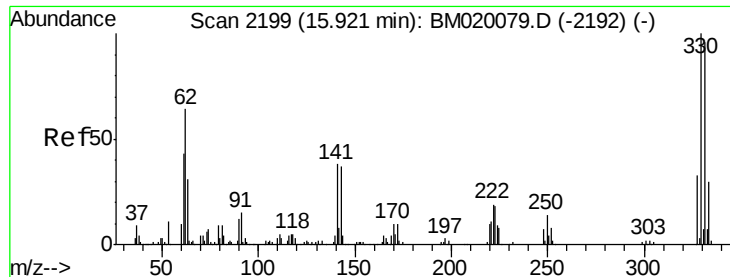


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

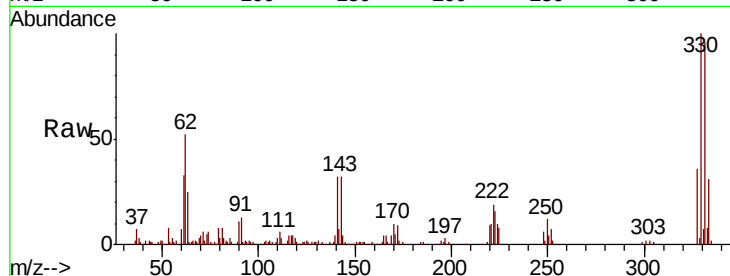




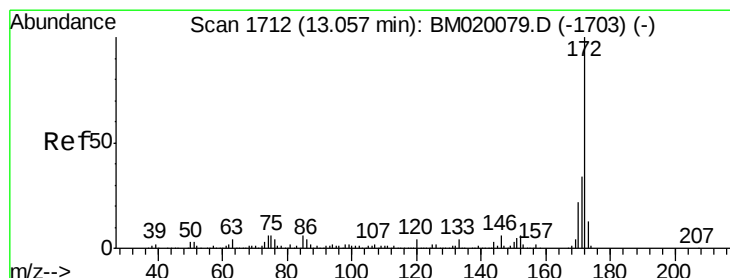
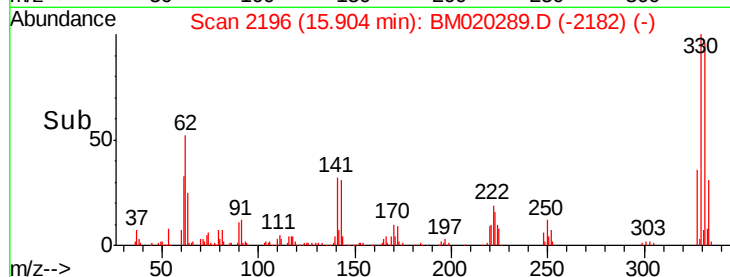
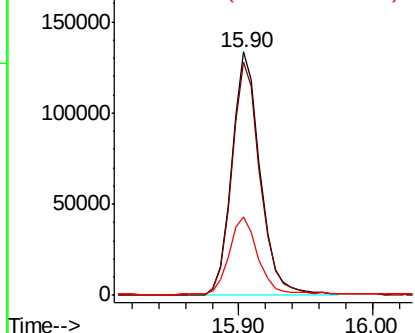
#42
 2,4,6-Tribromophenol
 Concen: 97.703 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Instrument :
 BNA_M
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Tgt Ion: 330 Resp: 197883
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 33.2 29.2 43.8

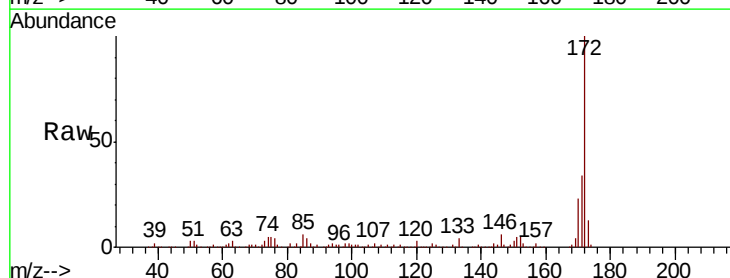


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

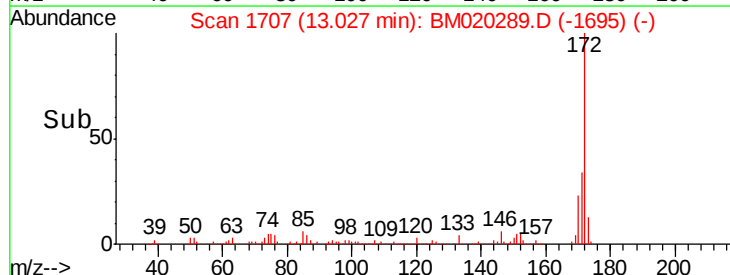
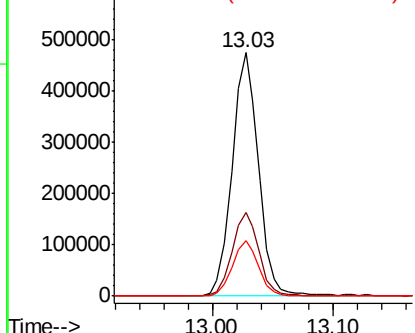


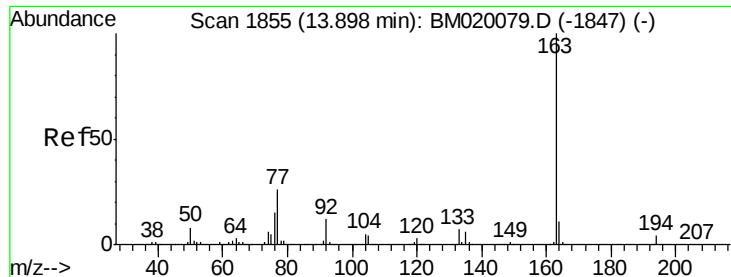
#45
 2-Fluorobiphenyl
 Concen: 68.029 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Tgt Ion: 172 Resp: 721469
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.3 40.9
 170 22.7 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





#50

Dimethylphthalate

Concen: 5.640 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-3

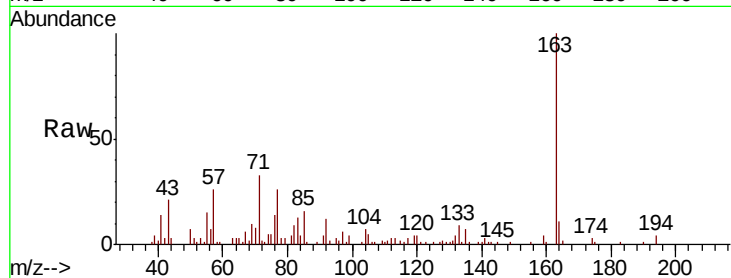
Tgt Ion:163 Resp: 62546

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 10.9 8.4 12.6

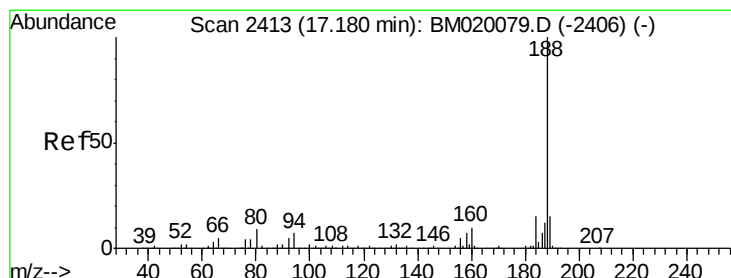
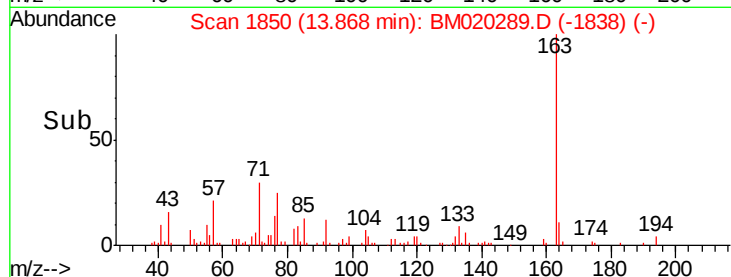
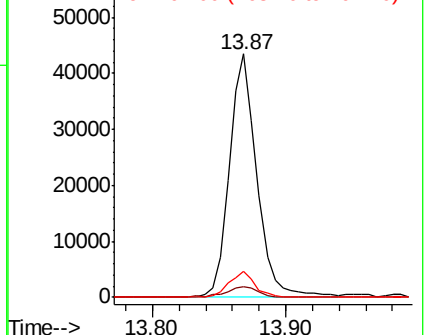


Abundance

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: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

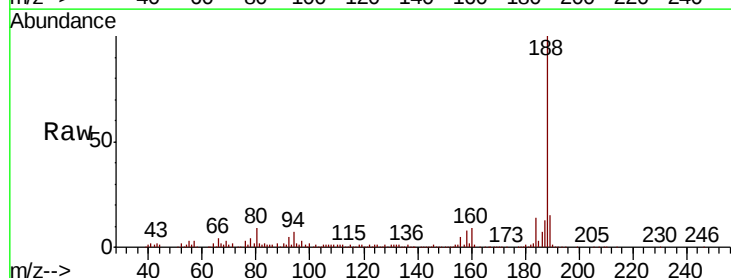
Tgt Ion:188 Resp: 284674

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 9.1 7.4 11.2

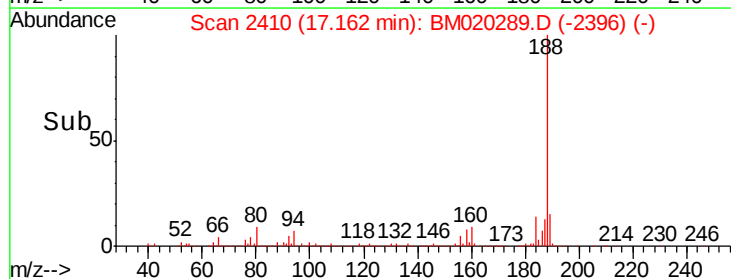
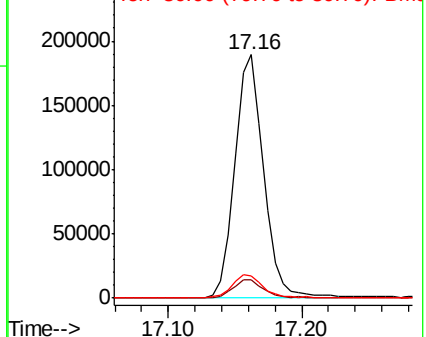


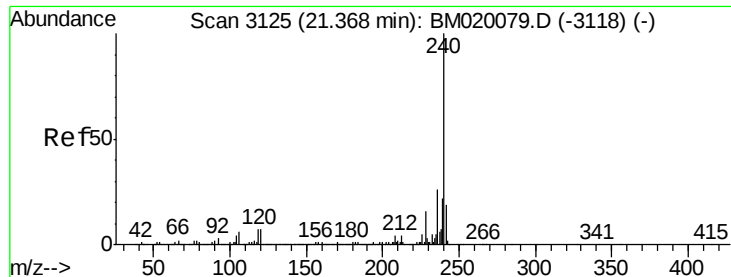
Abundance

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

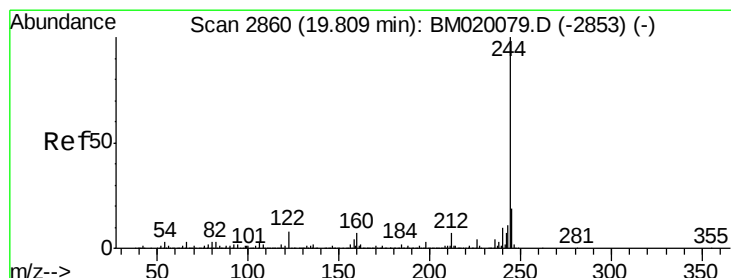
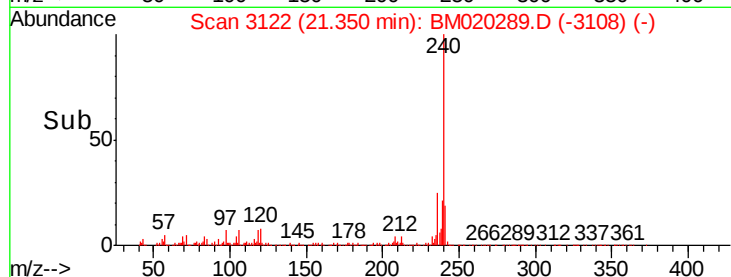
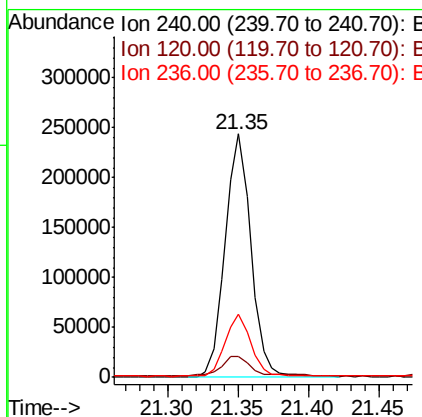
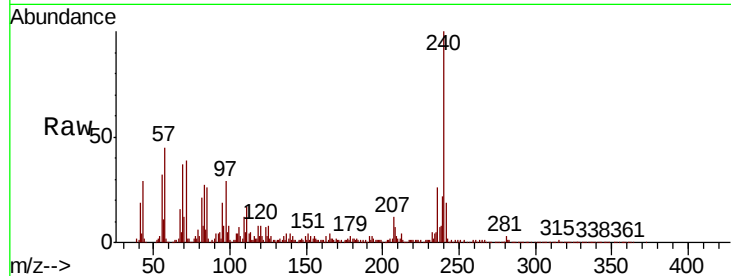




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

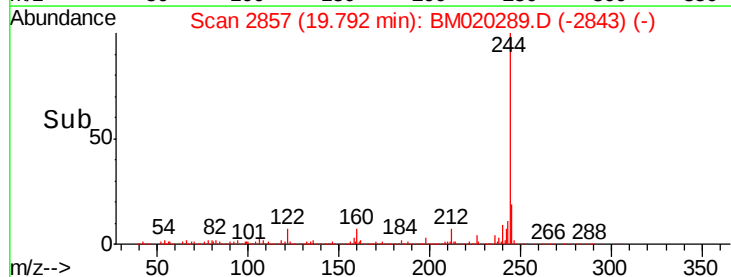
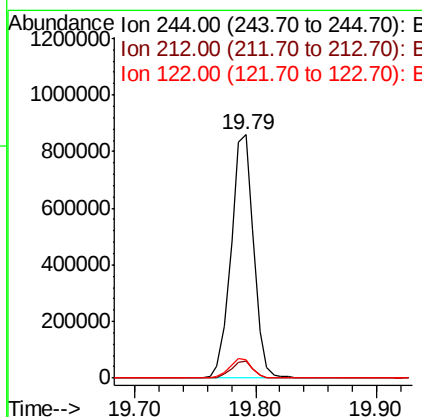
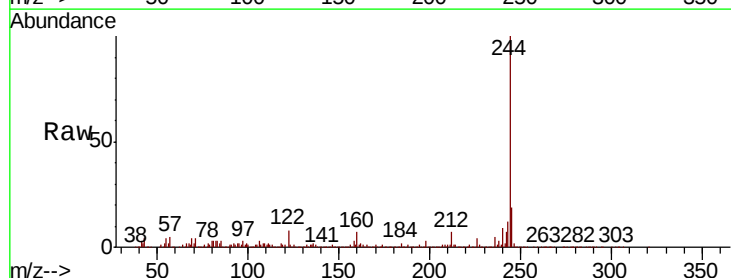
Instrument :
BNA_M
ClientSampleId :
COMP-3

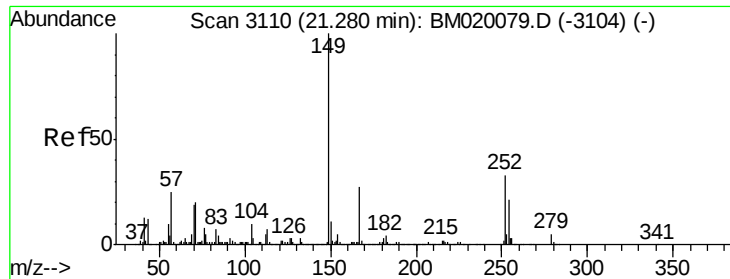
Tgt Ion:240 Resp: 314191
Ion Ratio Lower Upper
240 100
120 8.4 5.6 8.4
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 62.029 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Tgt Ion:244 Resp: 1117338
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 7.5 6.2 9.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.089 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-3

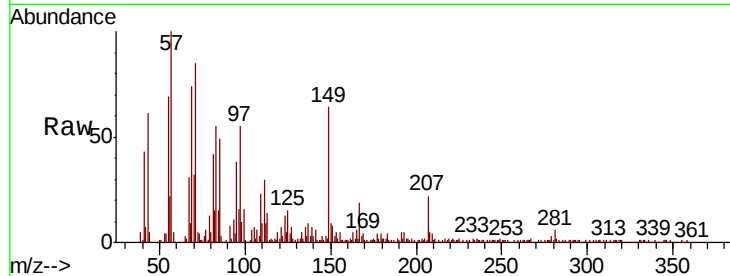
Tgt Ion:149 Resp: 72481

Ion Ratio Lower Upper

149 100

167 29.6 21.8 32.8

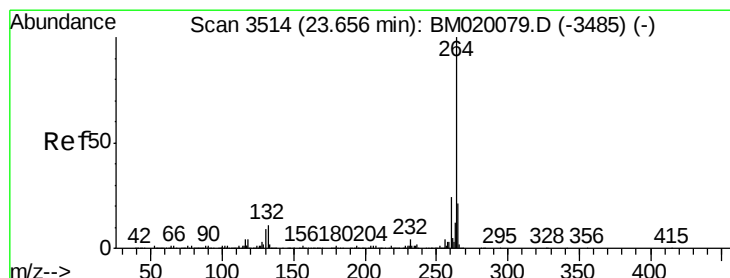
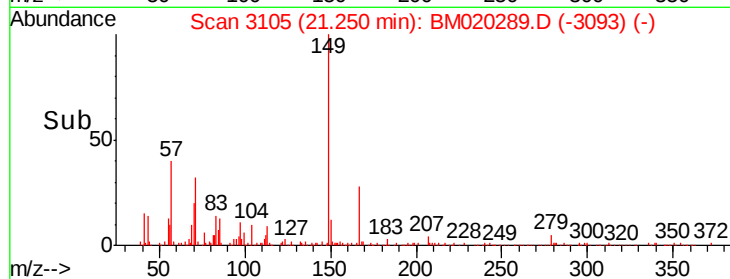
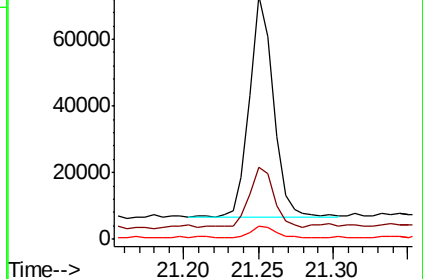
279 5.3 4.2 6.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

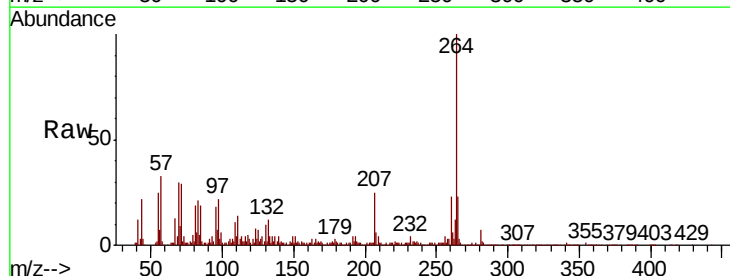
Tgt Ion:264 Resp: 395263

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.7 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

