

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026857.D
 Acq On : 23 Jul 2020 18:45
 Operator : JU/CG
 Sample : L3381-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 24 01:36:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

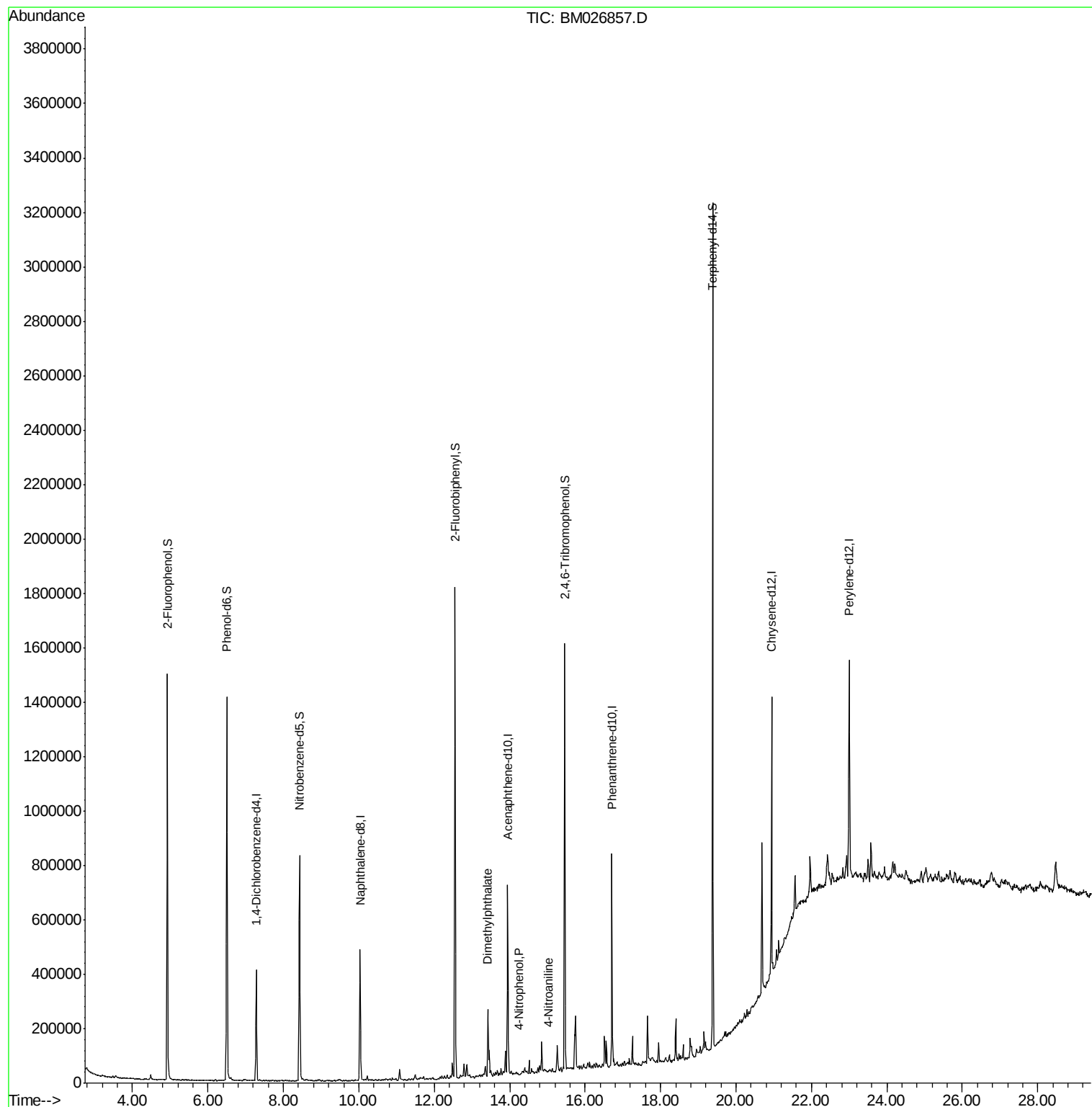
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	90147	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	341449	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	193445	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	400665	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	436771	20.00	ng	0.00
86) Perylene-d12	23.00	264	459074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	508499	94.54	ng	-0.02
7) Phenol-d6	6.50	99	666566	77.79	ng	-0.02
23) Nitrobenzene-d5	8.43	82	447447	55.91	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	221319	78.54	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	828529	56.95	ng	-0.01
79) Terphenyl-d14	19.38	244	1161277	52.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.42	163	127687	7.717	ng	99
56) 4-Nitrophenol	14.25	139	53	3.928	ng	# 1
62) 4-Nitroaniline	15.02	138	53	3.153	ng	# 6

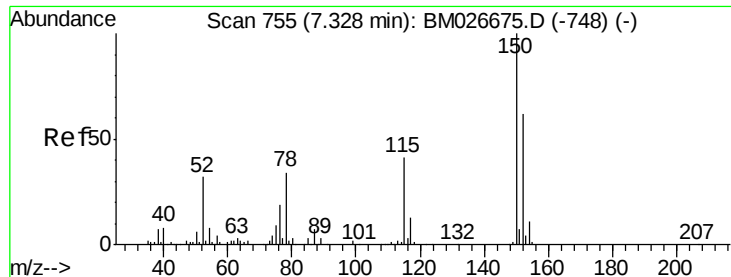
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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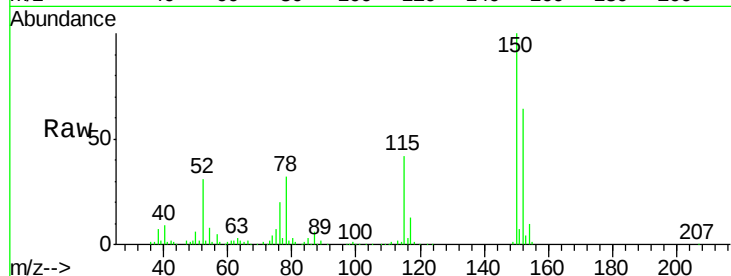


#1

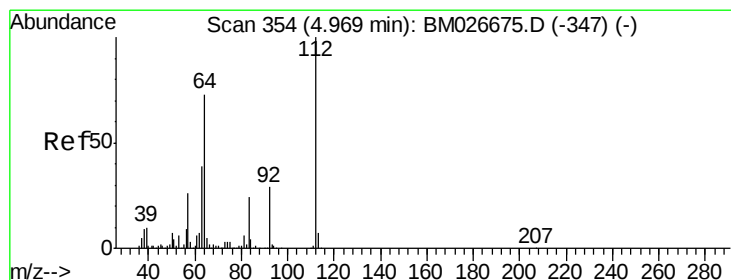
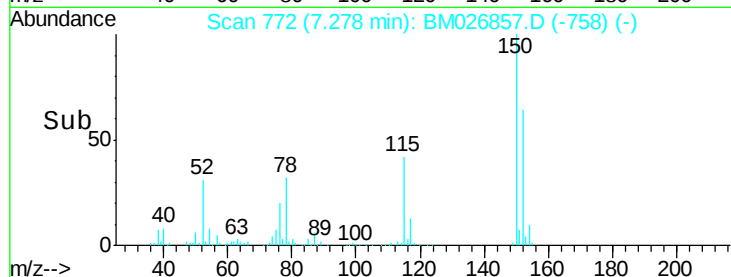
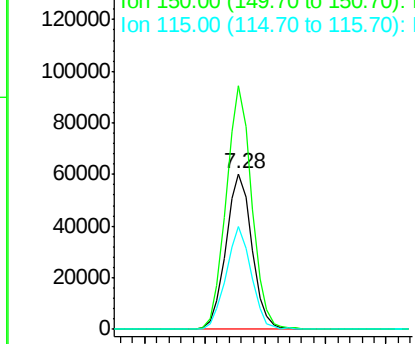
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 90147
Ion Ratio Lower Upper
152 100
150 156.4 128.1 192.1
115 66.3 52.2 78.4



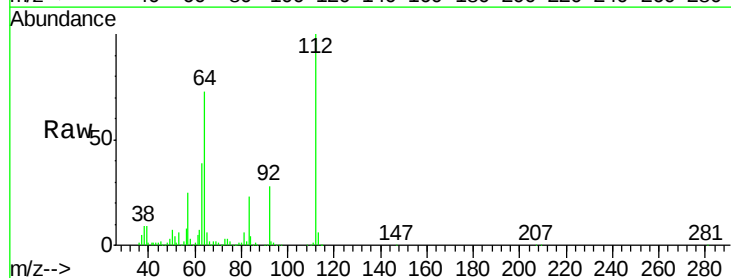
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



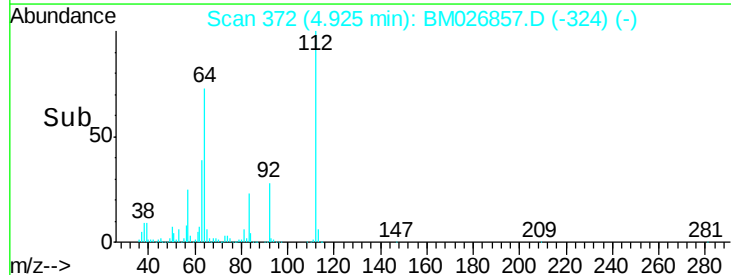
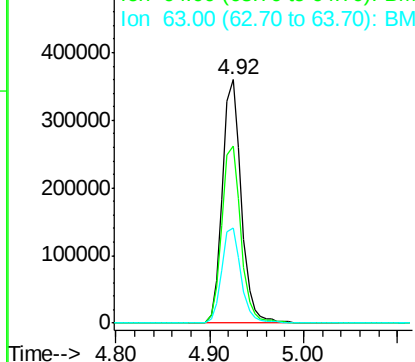
#5

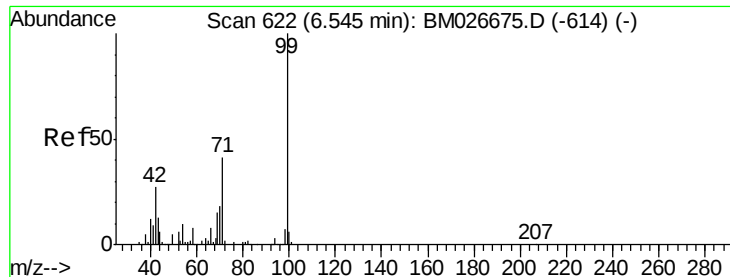
2-Fluorophenol
Concen: 94.545 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Tgt Ion:112 Resp: 508499
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 39.0 31.5 47.3



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: 77.787 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026857.D

Acq: 23 Jul 2020 18:45

Instrument :

BNA_M

ClientSampled :

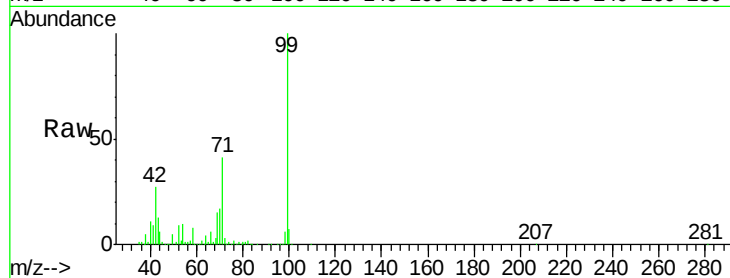
Tot Ion: 99 Resp: 666566

Ion Ratio Lower Upper

99 100

42 26.6 21.7 32.5

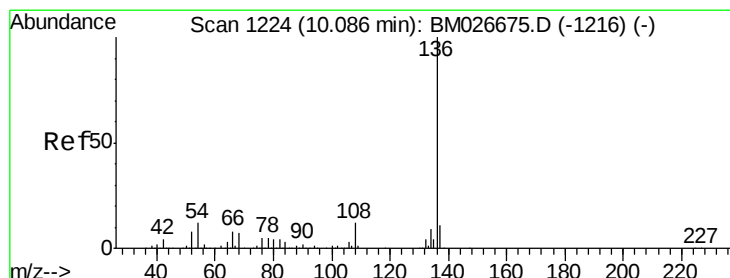
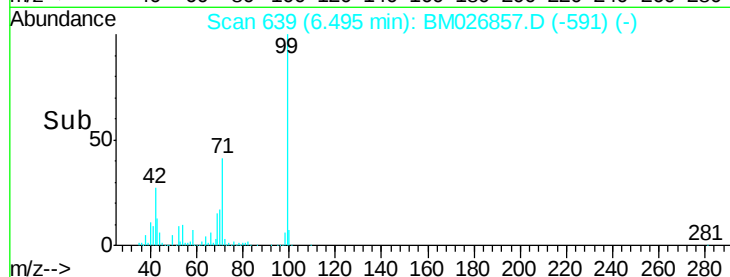
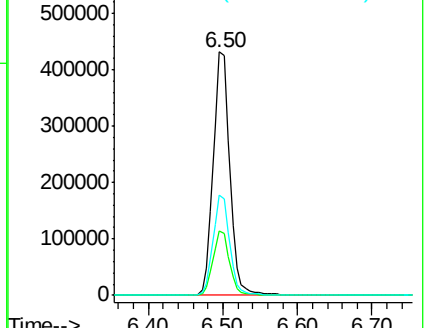
71 41.1 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM026857.D

Acq: 23 Jul 2020 18:45

Tgt Ion: 136 Resp: 341449

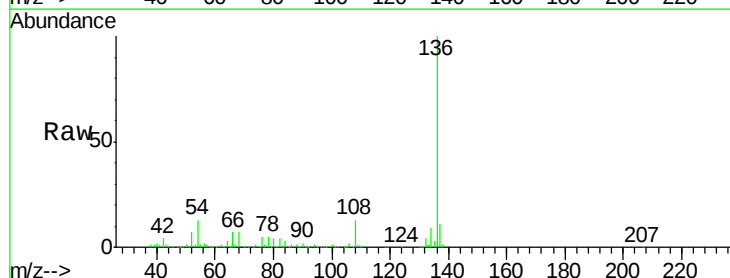
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 12.5 9.8 14.6

68 6.7 5.8 8.6

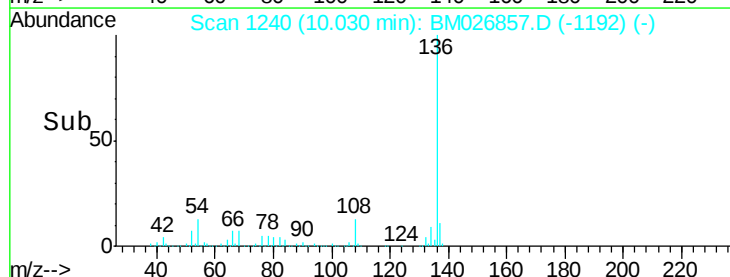
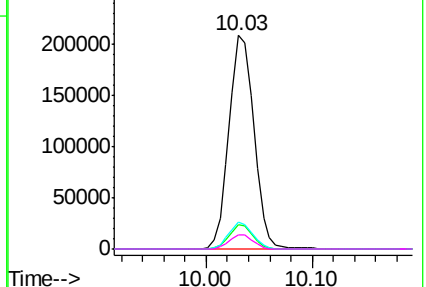


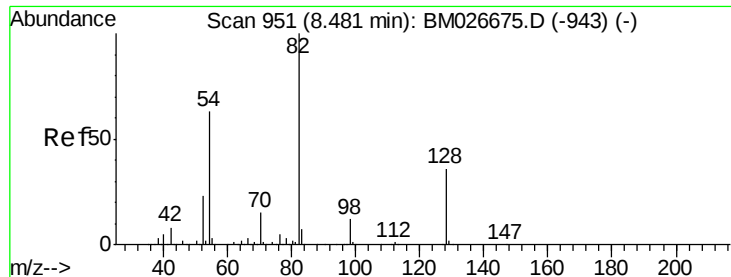
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

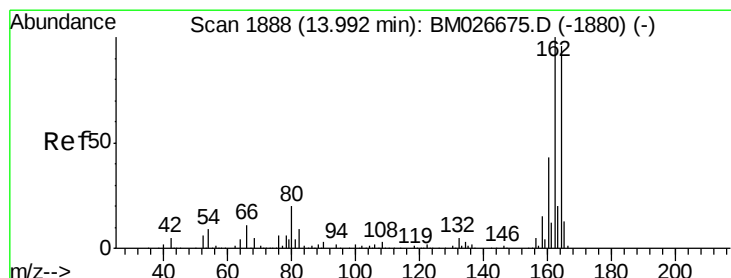
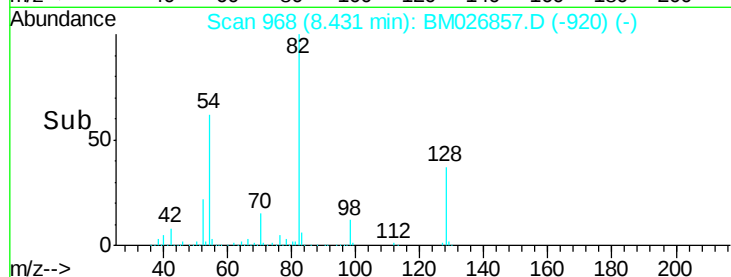
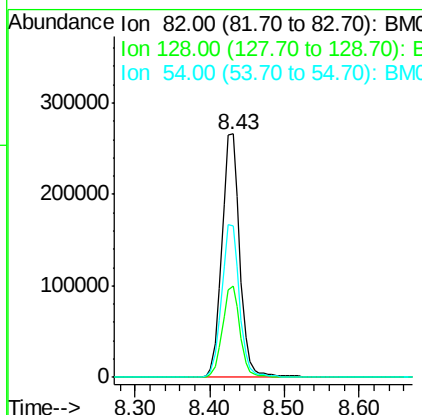
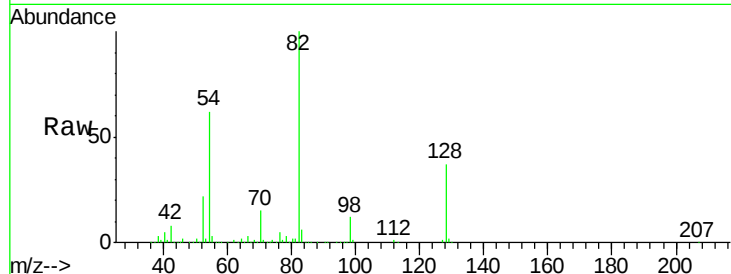




#23
 Nitrobenzene-d5
 Concen: 55.907 ng
 RT: 8.43 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM026857.D
 Acq: 23 Jul 2020 18:45

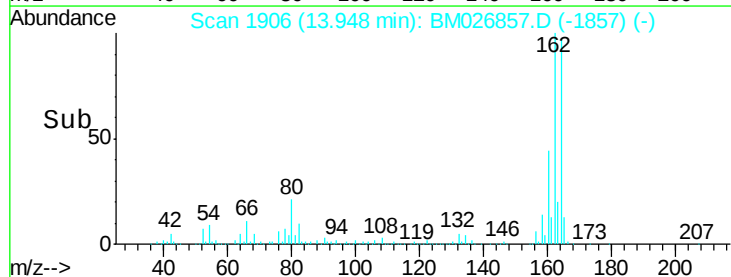
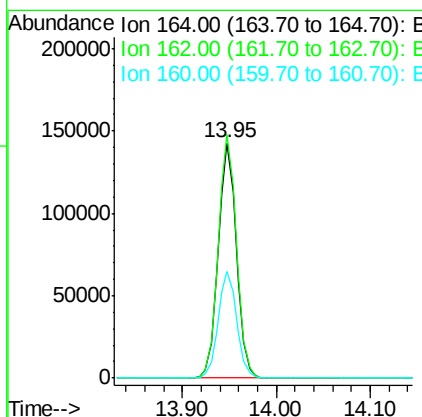
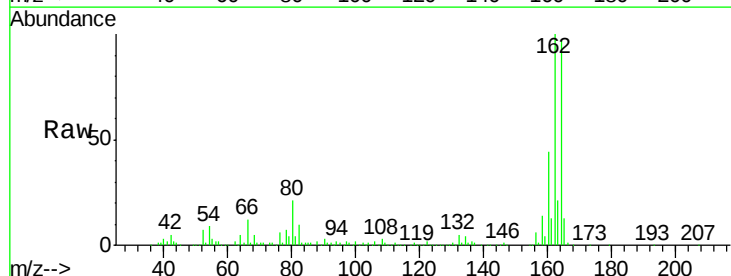
Instrument :
 BNA_M
 ClientSampleId :

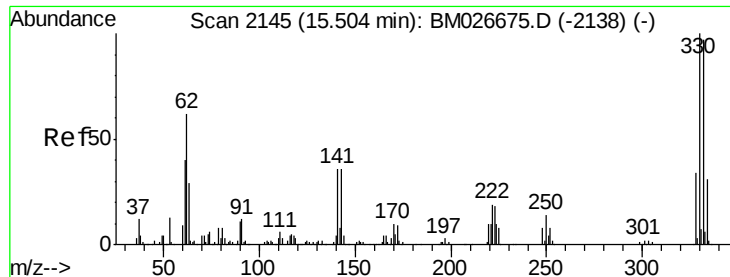
Tot Ion	82	Resp	447447
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.1	43.7
54	62.2	50.2	75.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.95 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BM026857.D
 Acq: 23 Jul 2020 18:45

Tgt Ion	164	Resp	193445
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.7	125.5
160	45.3	36.2	54.2

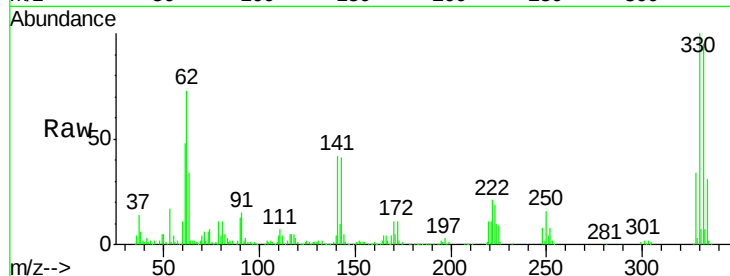




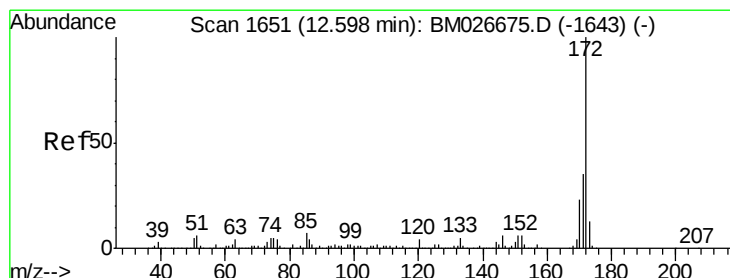
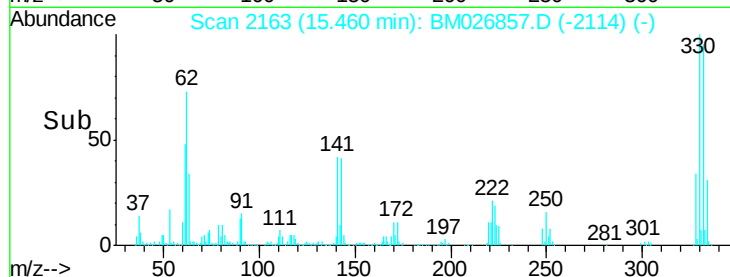
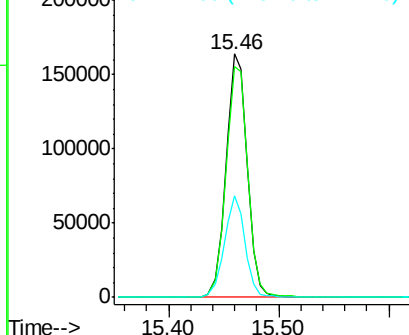
#42
 2,4,6-Tribromophenol
 Concen: 78.540 ng
 RT: 15.46 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM026857.D
 Acq: 23 Jul 2020 18:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 221319
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.5 116.3
 141 40.0 32.4 48.6

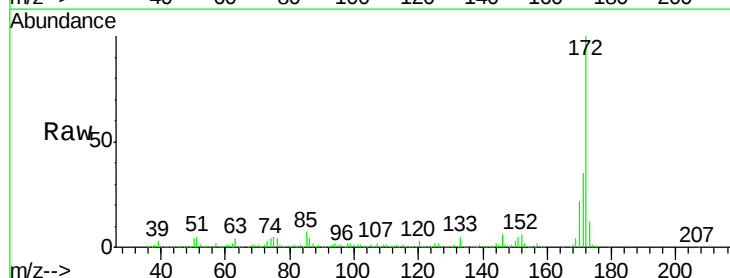


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

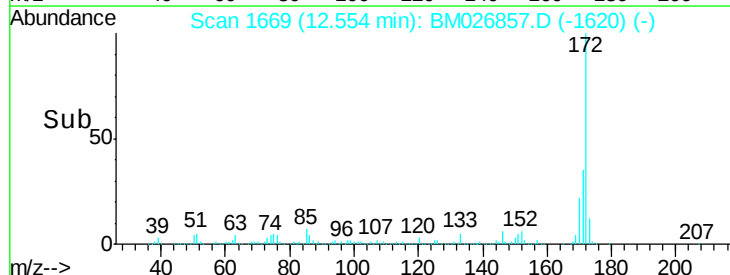
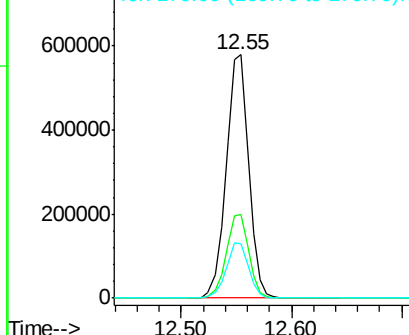


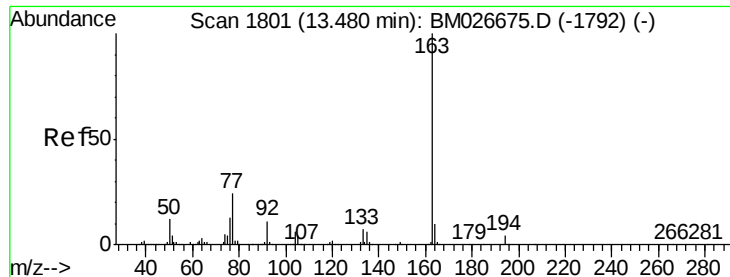
#45
 2-Fluorobiphenyl
 Concen: 56.948 ng
 RT: 12.55 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM026857.D
 Acq: 23 Jul 2020 18:45

Tgt Ion:172 Resp: 828529
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 22.2 18.5 27.7



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: 7.717 ng

RT: 13.42 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BM026857.D

Acq: 23 Jul 2020 18:45

Instrument :

BNA_M

ClientSampleId :

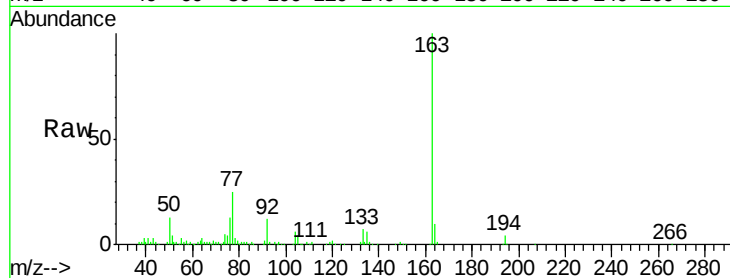
Tot Ion:163 Resp: 127687

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

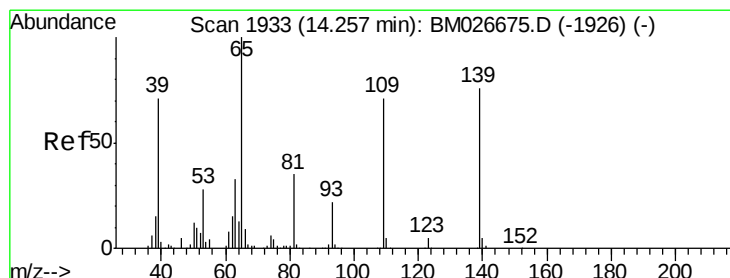
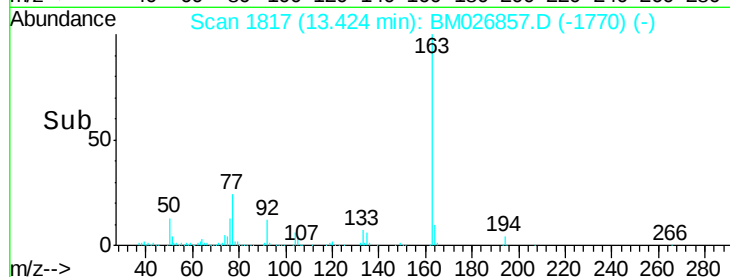
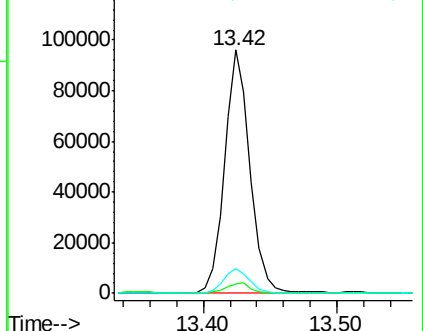
164 10.3 7.8 11.6



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



#56

4-Nitrophenol

Concen: 3.928 ng

RT: 14.25 min Scan# 1957

Delta R.T. 0.01 min

Lab File: BM026857.D

Acq: 23 Jul 2020 18:45

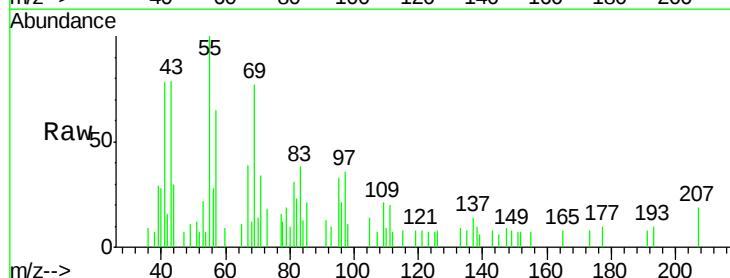
Tgt Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 333.8 73.7 113.7#

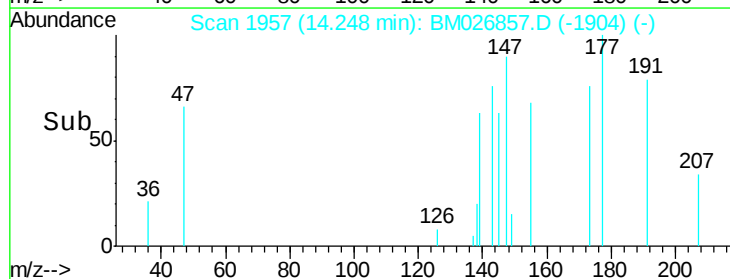
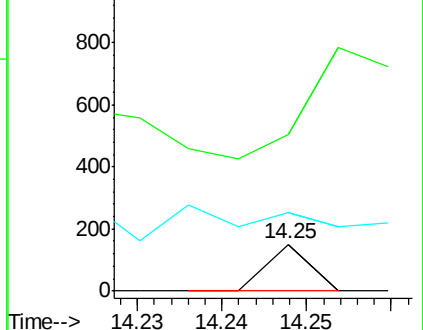
65 168.2 111.5 151.5#

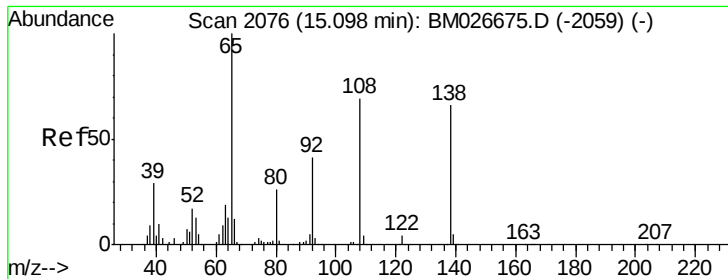


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

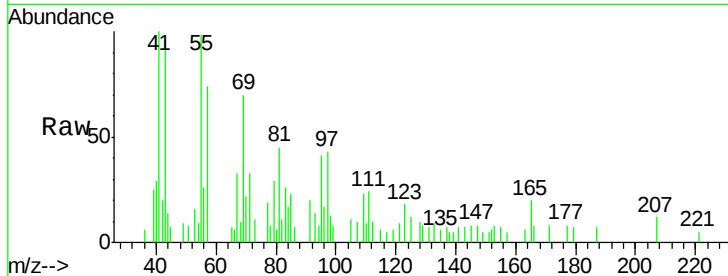




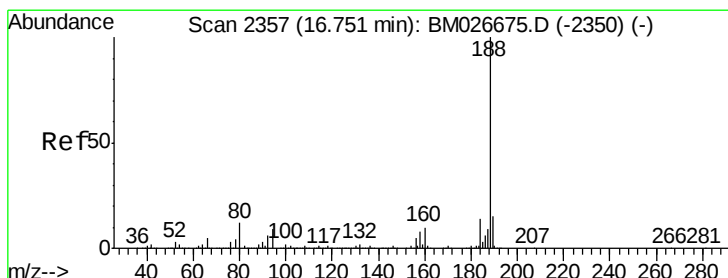
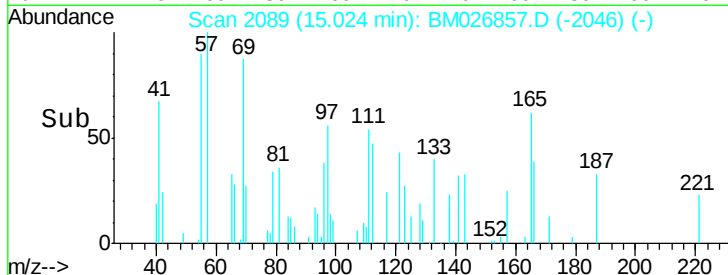
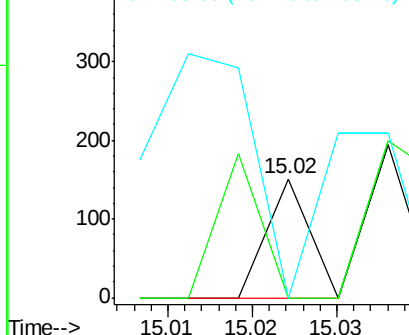
#62
4-Nitroaniline
Concen: 3.153 ng
RT: 15.02 min Scan# 2089
Delta R.T. -0.05 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 41.5 81.5#
108 0.0 84.8 124.8#

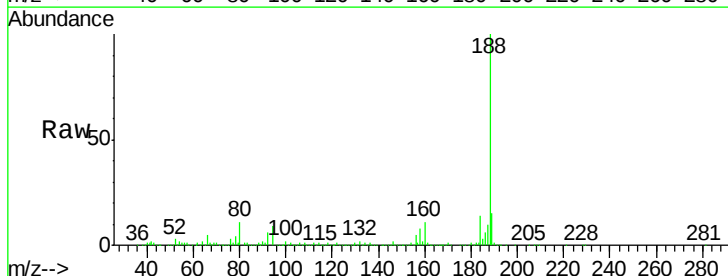


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

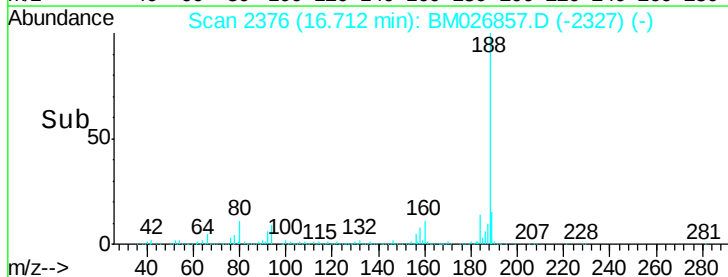
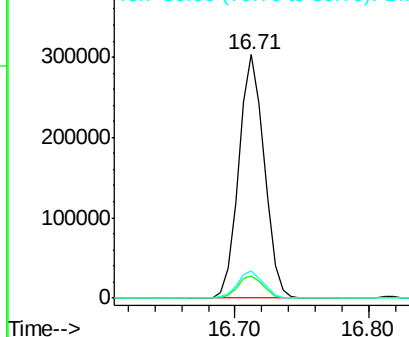


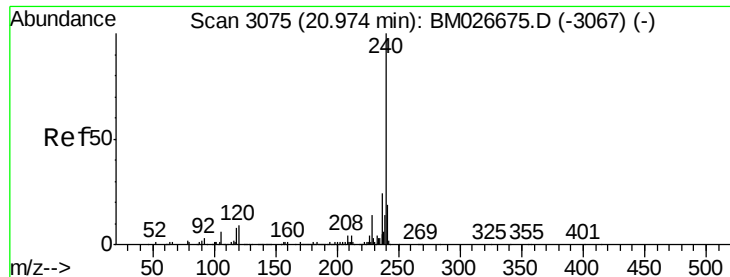
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Tgt Ion:188 Resp: 400665
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 11.4 9.3 13.9



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

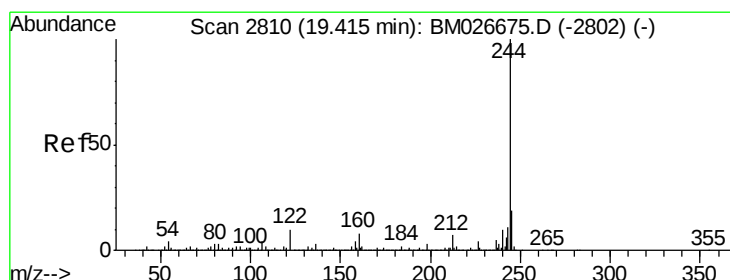
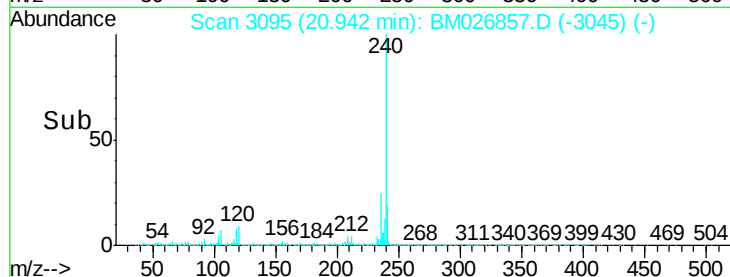
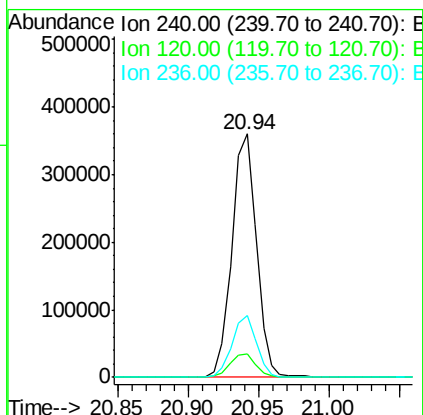
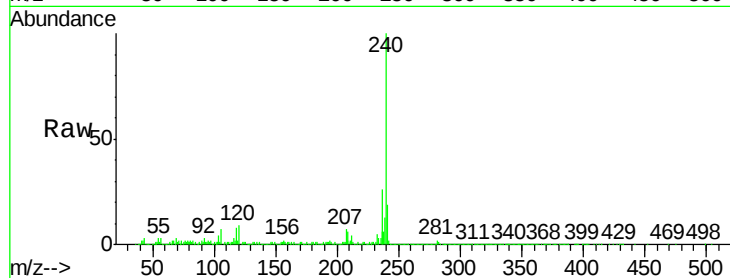




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

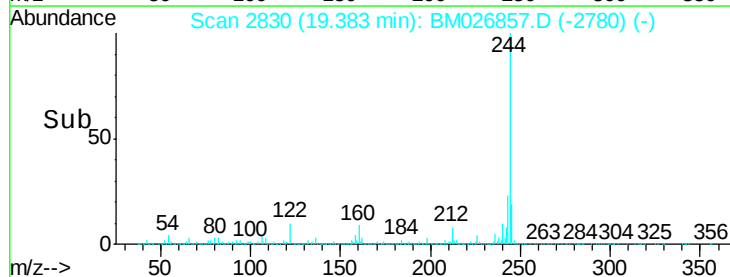
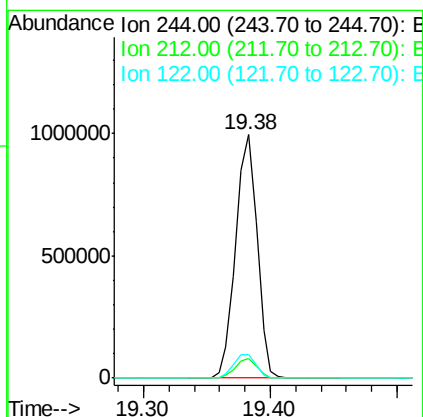
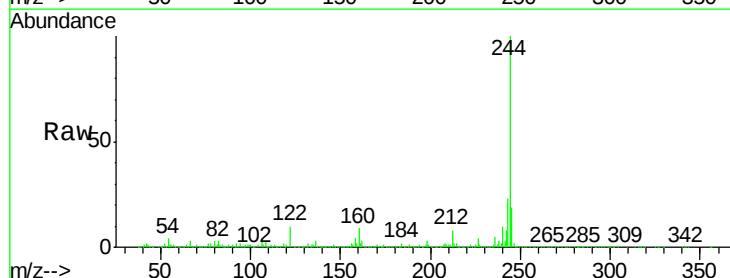
Instrument :
BNA_M
ClientSampled :

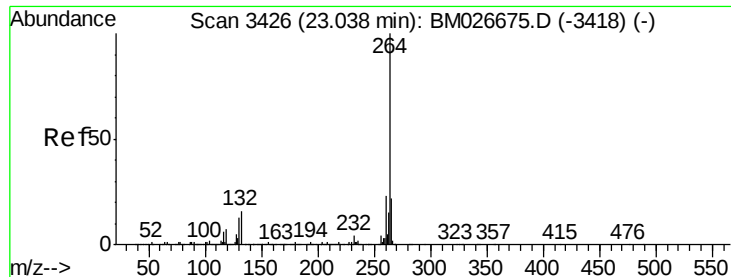
Tot Ion:240 Resp: 436771
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.5 19.4 29.2



#79
Terphenyl-d14
Concen: 52.325 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Tgt Ion:244 Resp: 1161277
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.7 8.2 12.4

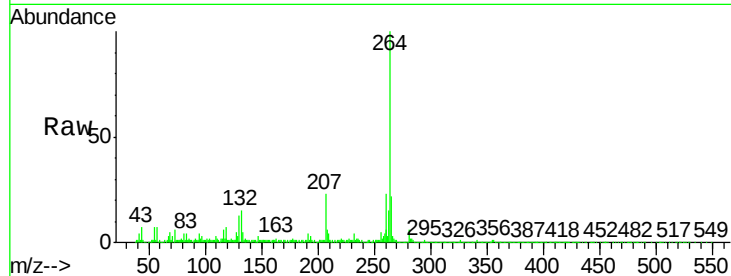




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM026857.D
Acq: 23 Jul 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.8	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

