

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026862.D
 Acq On : 23 Jul 2020 21:48
 Operator : JU/CG
 Sample : L3380-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 24 01:38:34 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

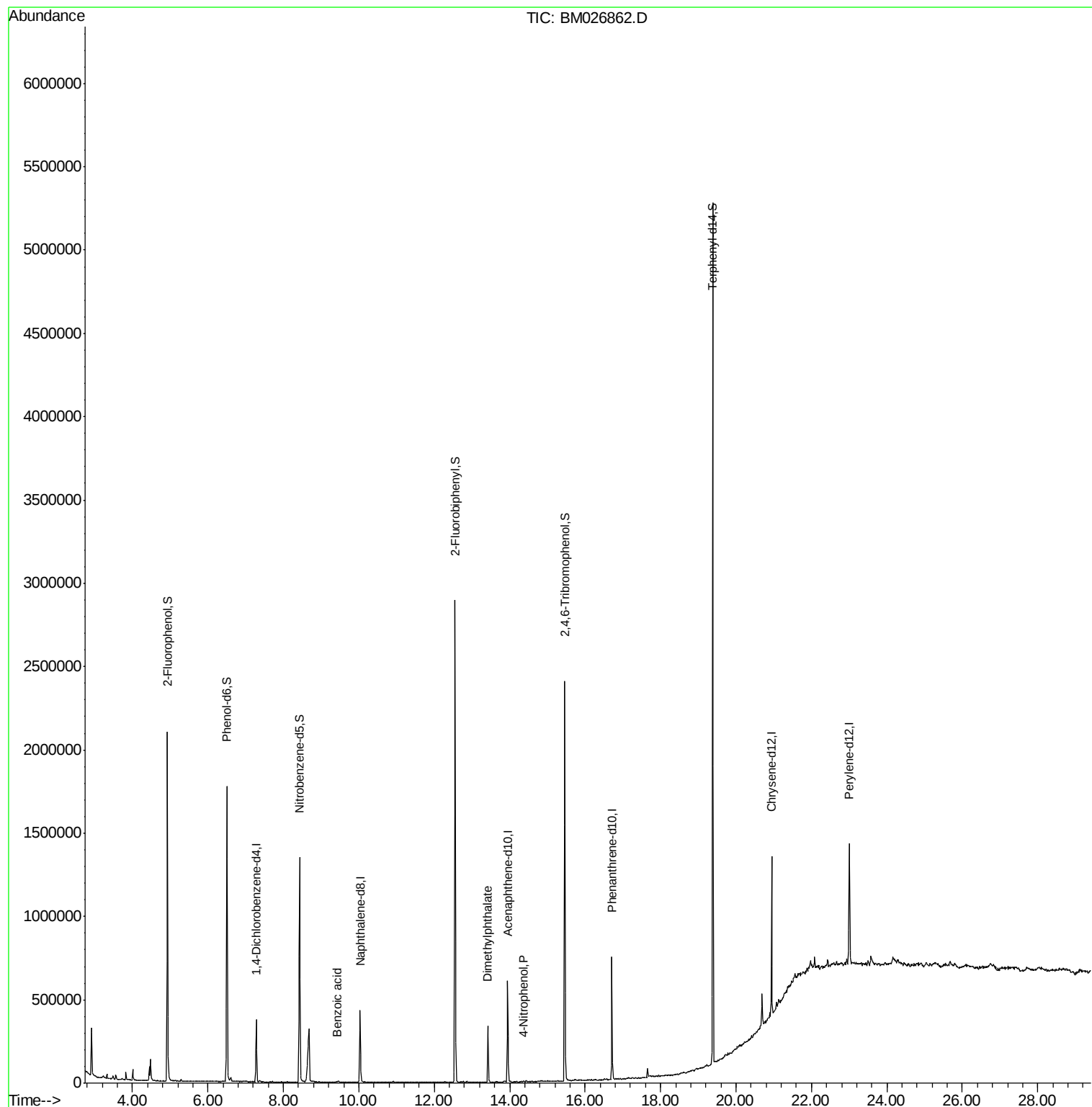
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	82228	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	306917	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	173616	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	362853	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	392180	20.00	ng	0.00
86) Perylene-d12	23.01	264	413044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	678984	138.40	ng	-0.02
7) Phenol-d6	6.50	99	791374	101.25	ng	-0.01
23) Nitrobenzene-d5	8.43	82	676149	93.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.47	330	363796	143.85	ng	0.00
45) 2-Fluorobiphenyl	12.55	172	1277538	97.84	ng	-0.01
79) Terphenyl-d14	19.38	244	1908937	95.79	ng	0.00
Target Compounds						
32) Benzoic acid	9.42	122	1942	7.519	ng	83
50) Dimethylphthalate	13.42	163	180508	12.155	ng	99
56) 4-Nitrophenol	14.36	139	291	4.008	ng	# 1

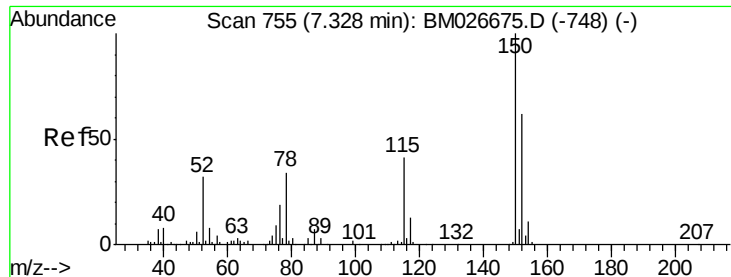
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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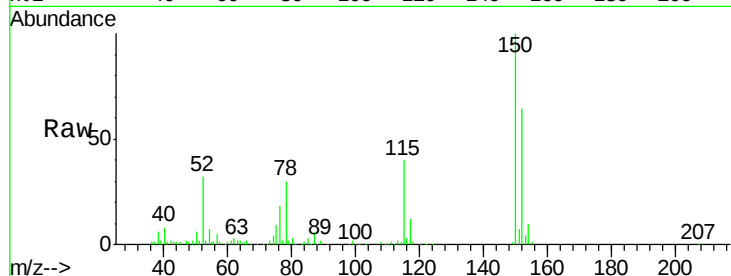


#1

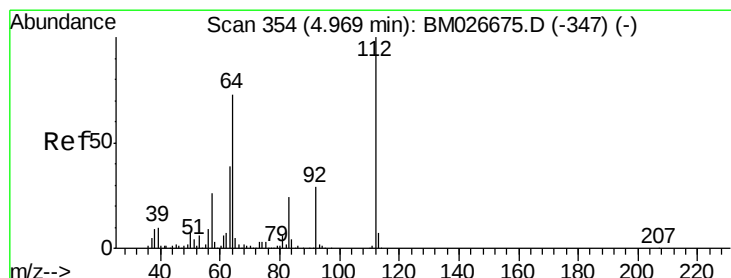
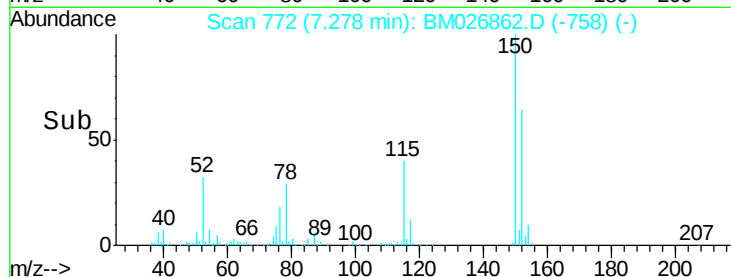
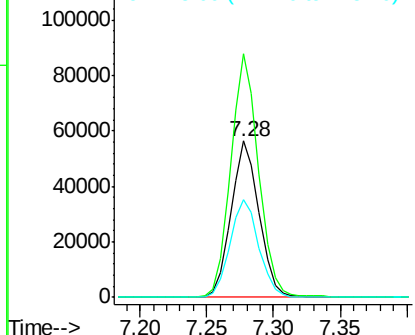
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 82228
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 62.6 52.2 78.4



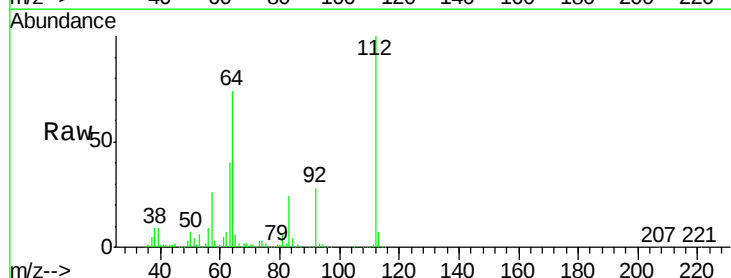
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



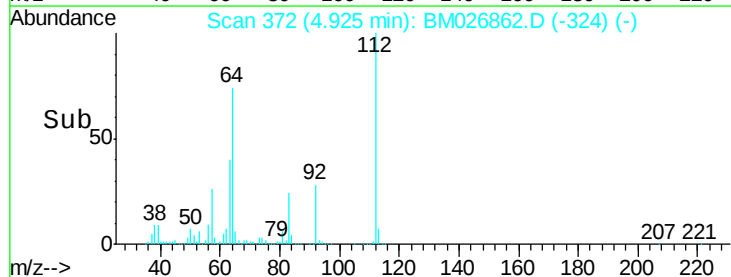
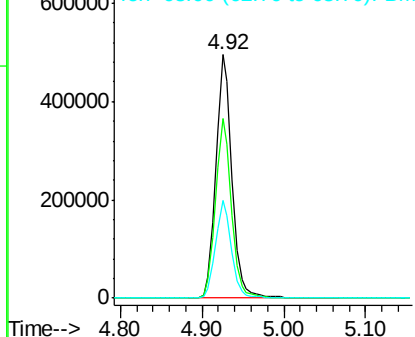
#5

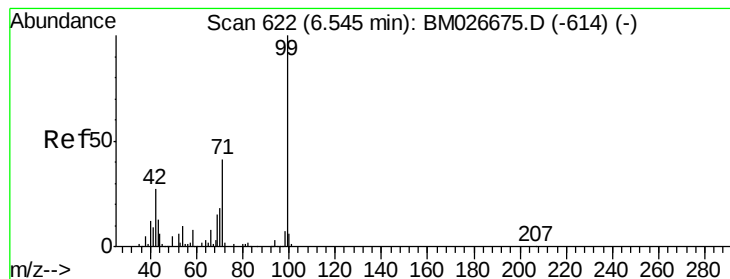
2-Fluorophenol
Concen: 138.401 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

Tgt Ion:112 Resp: 678984
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 40.4 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: 101.245 ng

RT: 6.50 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026862.D

Acq: 23 Jul 2020 21:48

Instrument :

BNA_M

ClientSampleId :

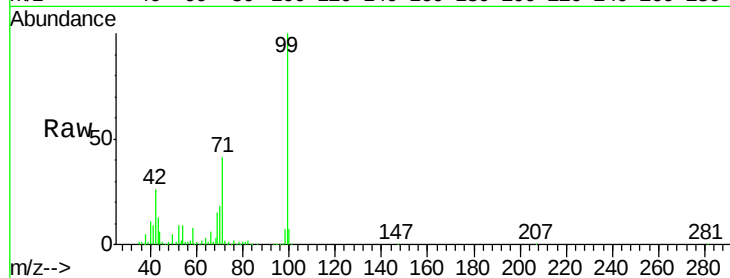
Tot Ion: 99 Resp: 791374

Ion Ratio Lower Upper

99 100

42 26.2 21.7 32.5

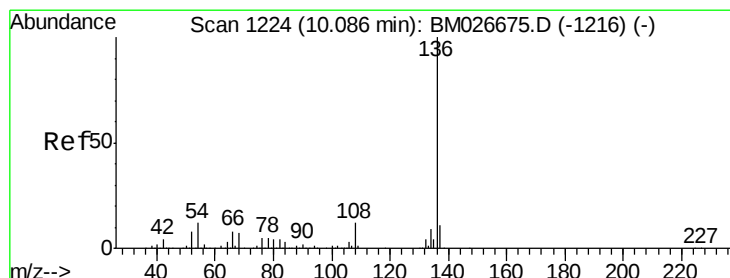
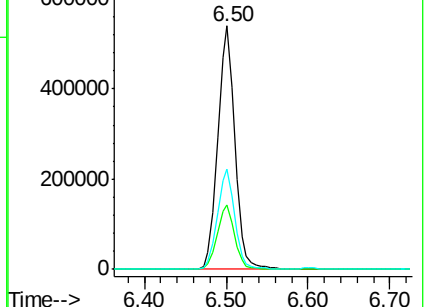
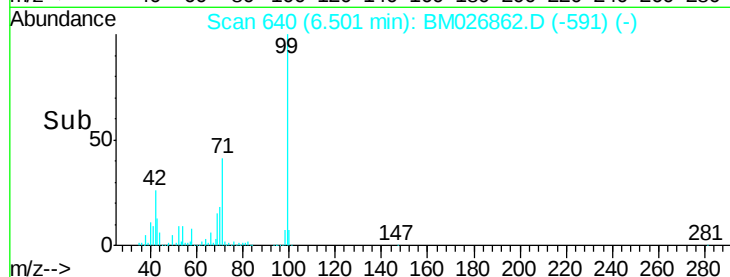
71 41.1 33.2 49.8



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: BM026862.D

Acq: 23 Jul 2020 21:48

Tgt Ion: 136 Resp: 306917

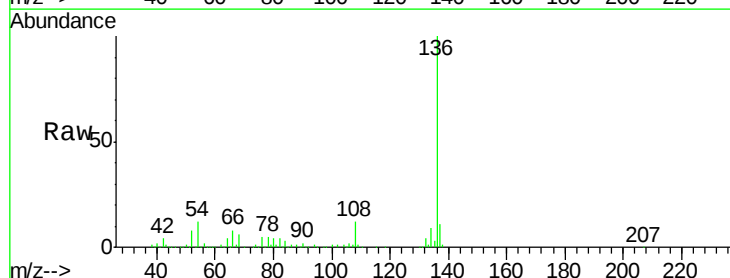
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 12.4 9.8 14.6

68 6.3 5.8 8.6

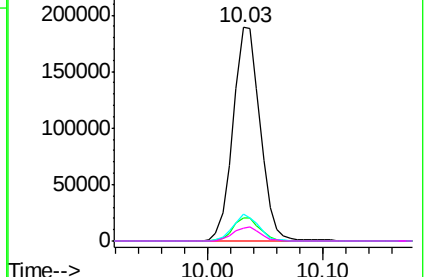
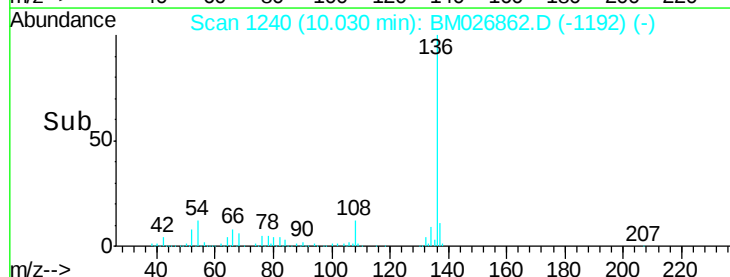


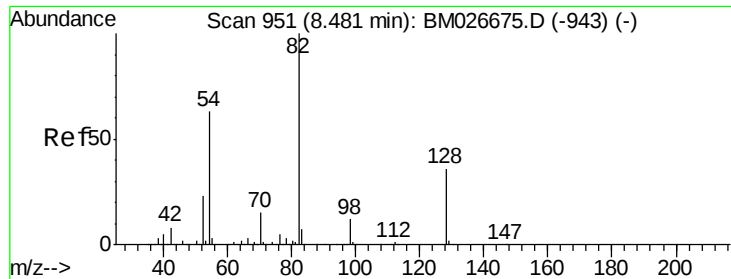
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

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) (-)

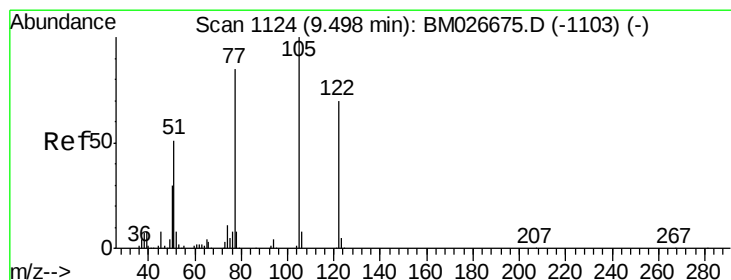
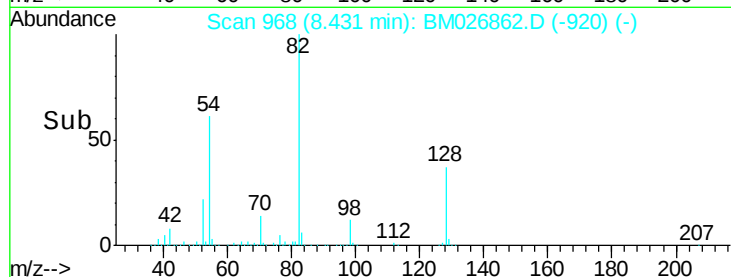
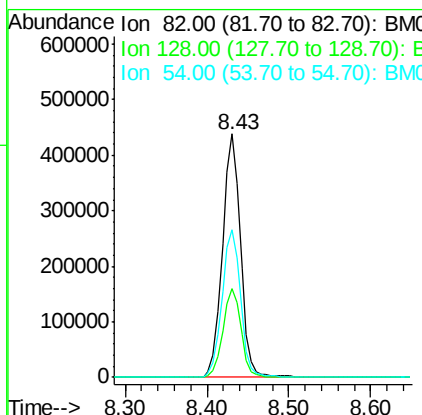
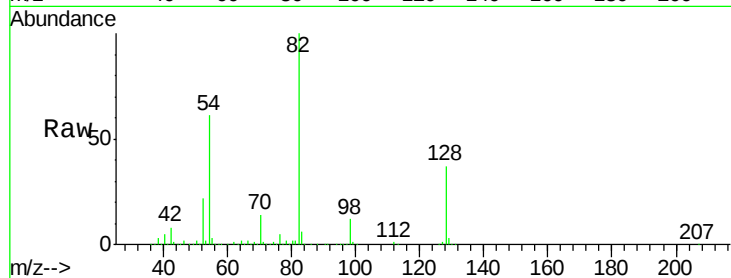




#23
Nitrobenzene-d5
Concen: 93.988 ng
RT: 8.43 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

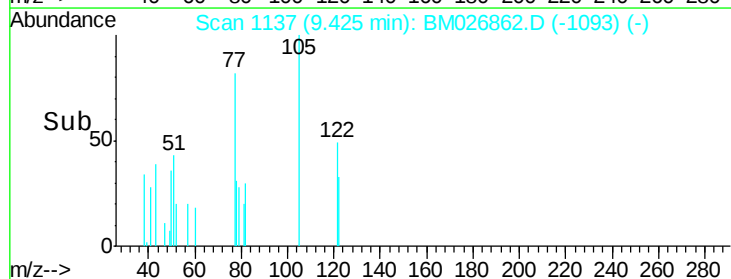
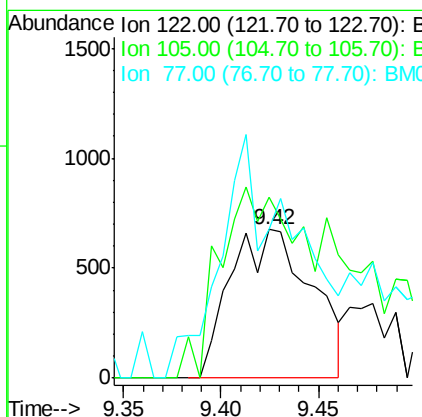
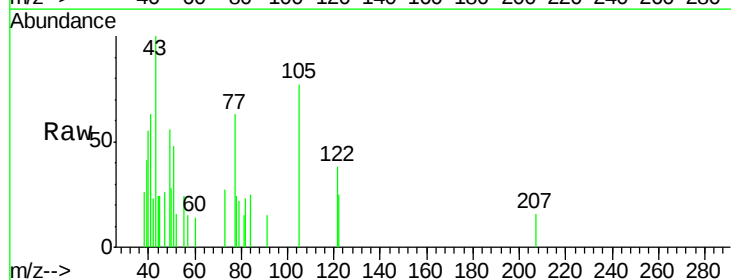
Instrument :
BNA_M
ClientSampleId :

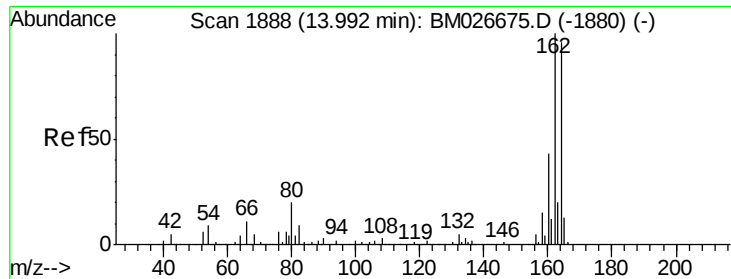
Tot Ion: 82 Resp: 676149
Ion Ratio Lower Upper
82 100
128 36.5 29.1 43.7
54 60.9 50.2 75.4



#32
Benzoic acid
Concen: 7.519 ng
RT: 9.42 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

Tgt Ion: 122 Resp: 1942
Ion Ratio Lower Upper
122 100
105 121.9 120.9 160.9
77 100.1 100.0 140.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026862.D

Acq: 23 Jul 2020 21:48

Instrument :

BNA_M

ClientSampleId :

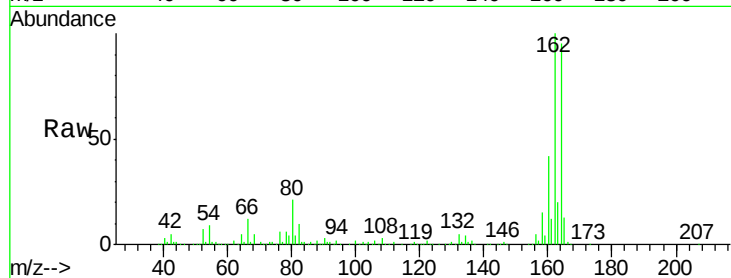
Tot Ion:164 Resp: 173616

Ion Ratio Lower Upper

164 100

162 105.5 83.7 125.5

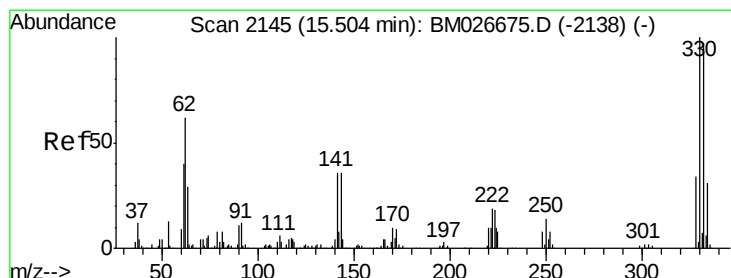
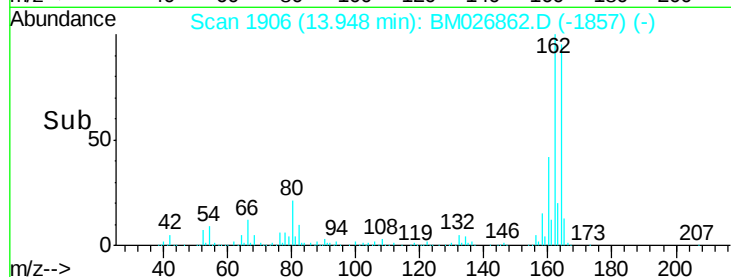
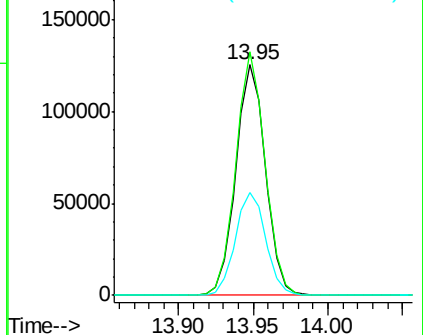
160 44.7 36.2 54.2



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: 143.847 ng

RT: 15.47 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM026862.D

Acq: 23 Jul 2020 21:48

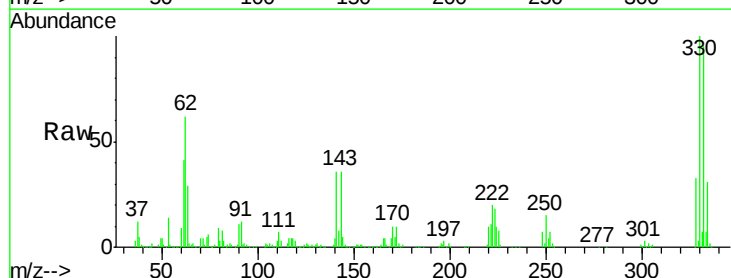
Tgt Ion:330 Resp: 363796

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

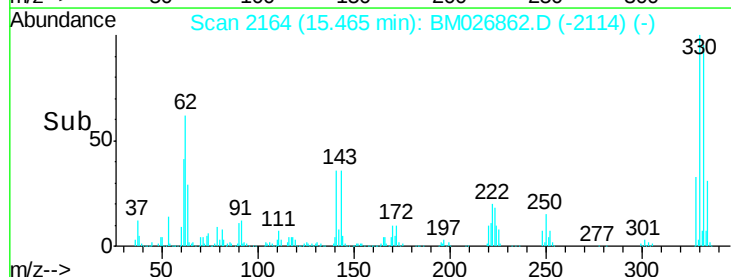
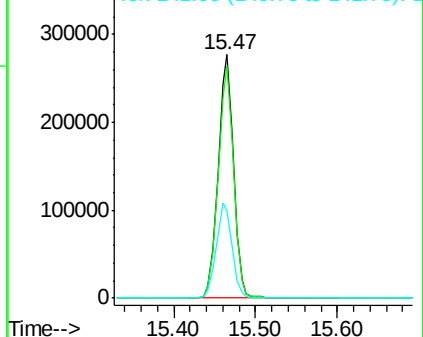
141 40.0 32.4 48.6

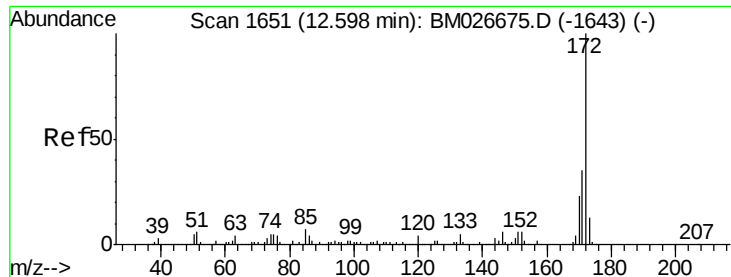


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

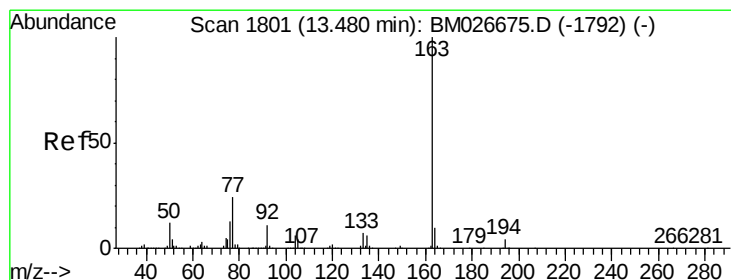
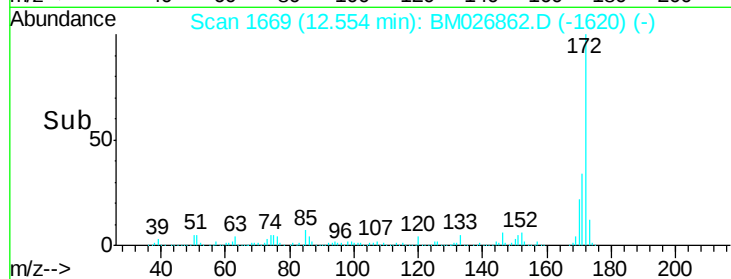
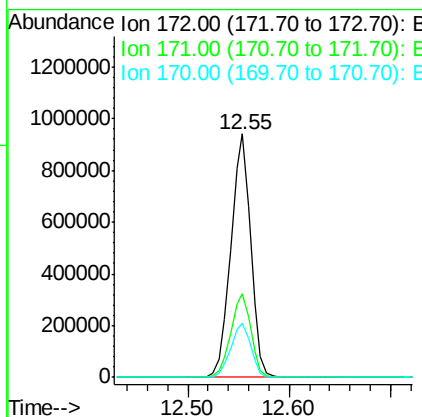
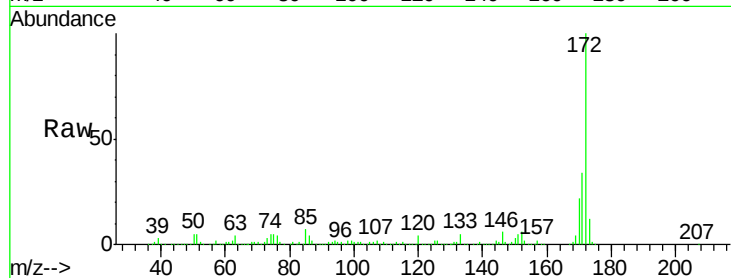




#45
2-Fluorobiphenyl
Concen: 97.840 ng
RT: 12.55 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

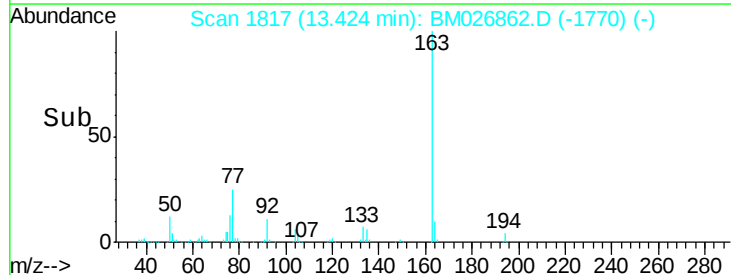
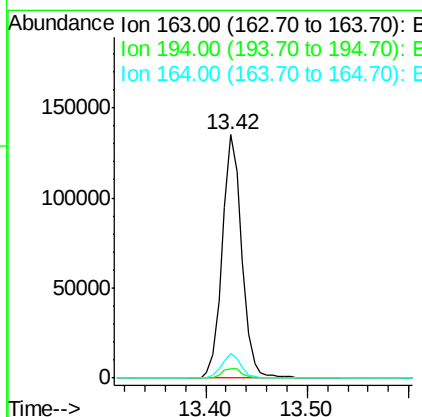
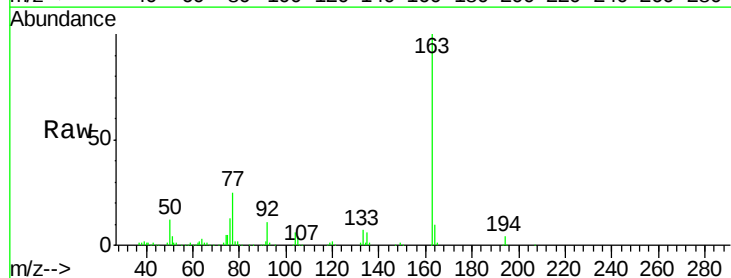
Instrument :
BNA_M
ClientSampleId :

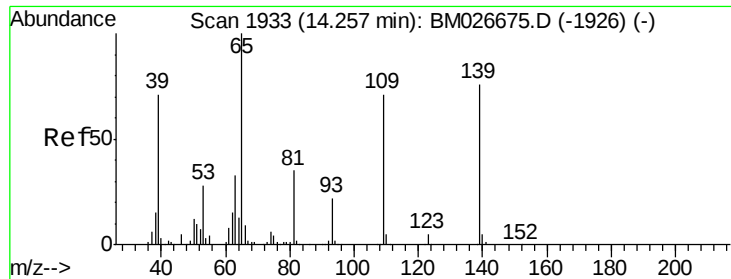
Tot Ion:172 Resp: 1277538
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.4 18.5 27.7



#50
Dimethylphthalate
Concen: 12.155 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

Tgt Ion:163 Resp: 180508
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.0 7.8 11.6





#56

4-Nitrophenol

Concen: 4.008 ng

RT: 14.36 min Scan# 1976

Delta R.T. 0.12 min

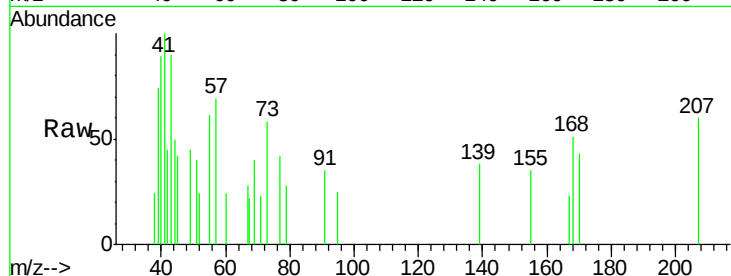
Lab File: BM026862.D

Acq: 23 Jul 2020 21:48

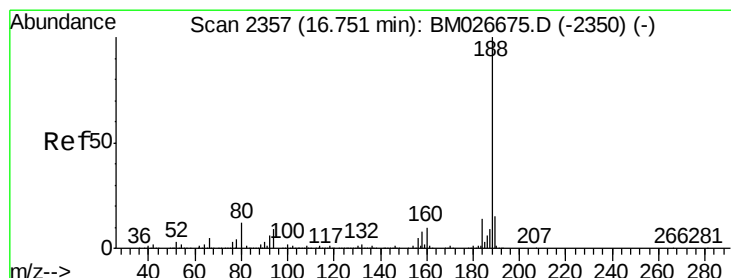
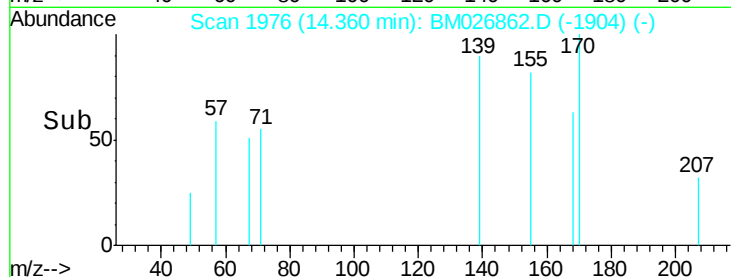
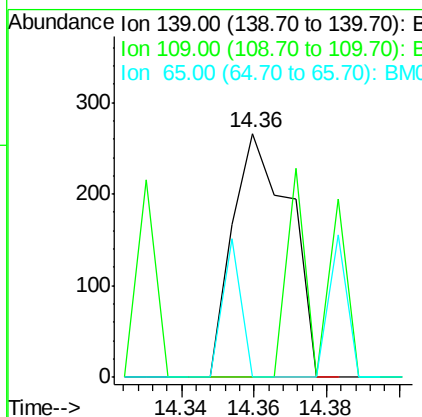
Instrument :

BNA_M

ClientSampled :



Tot Ion:	139	Resp:	291
Ion	Ratio	Lower	Upper
139	100		
109	0.0	73.7	113.7#
65	0.0	111.5	151.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

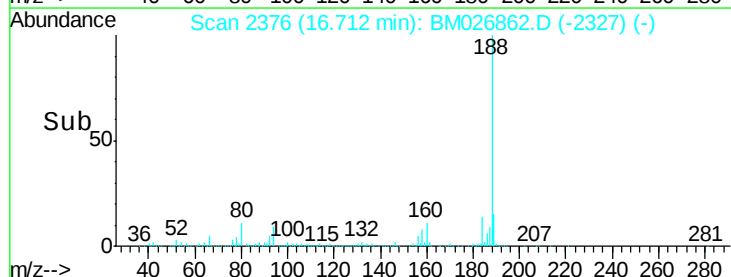
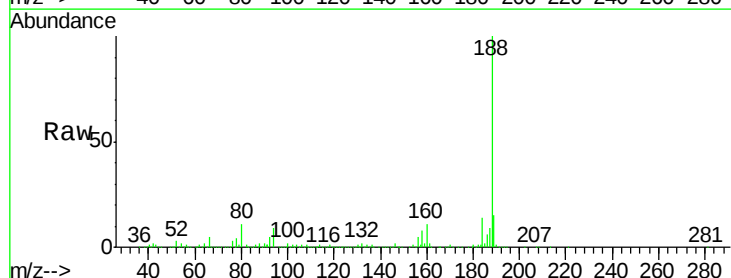
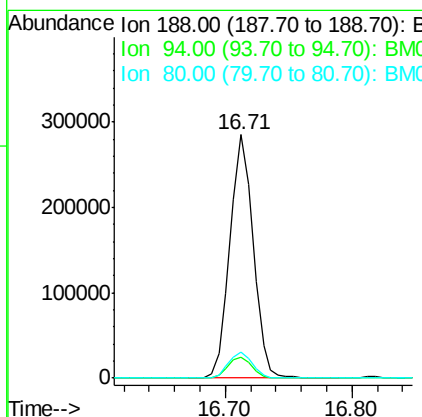
RT: 16.71 min Scan# 2376

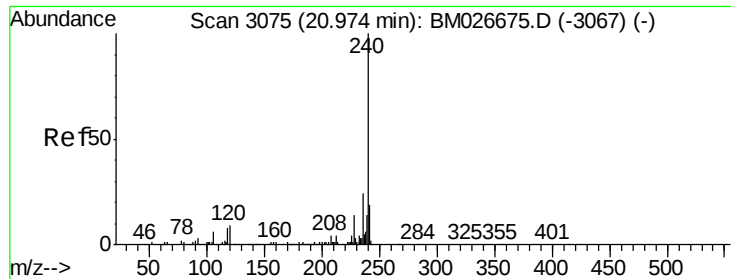
Delta R.T. -0.01 min

Lab File: BM026862.D

Acq: 23 Jul 2020 21:48

Tgt Ion:	188	Resp:	362853
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	10.7	9.3	13.9

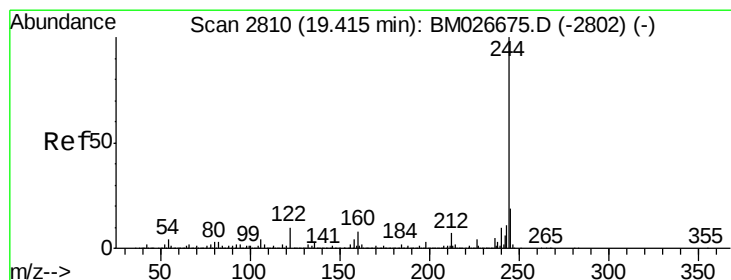
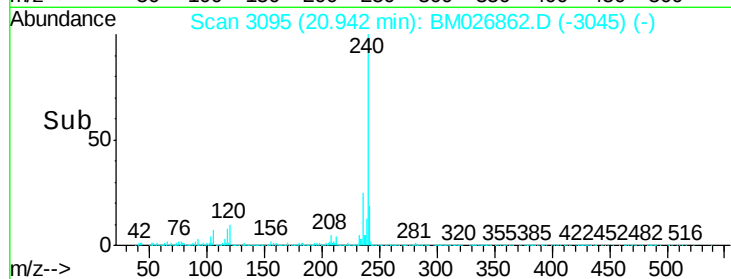
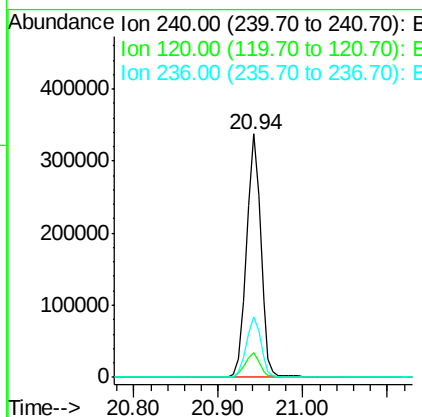
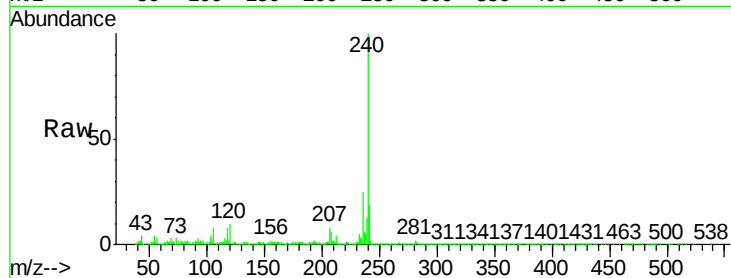




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

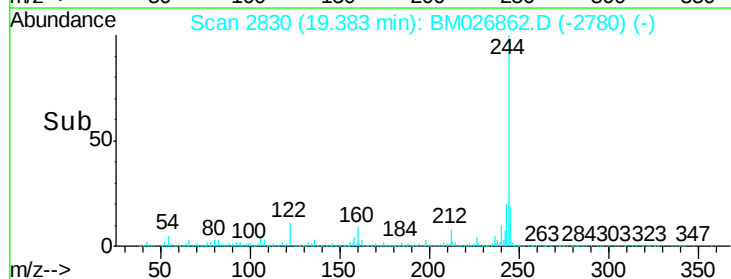
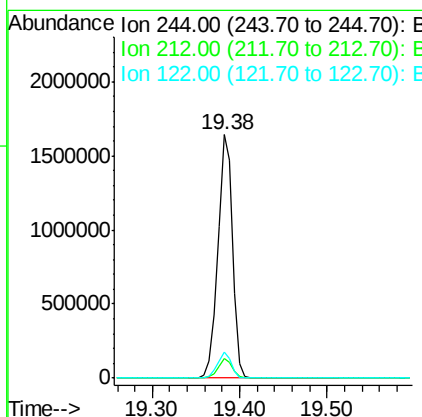
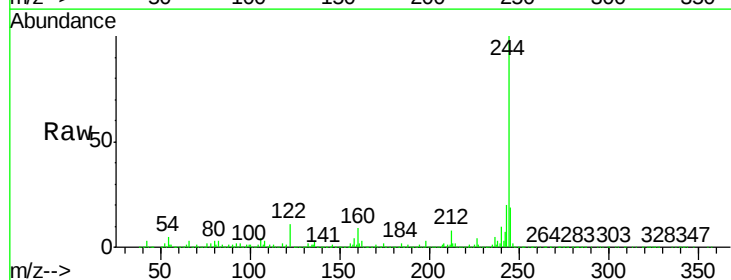
Instrument :
BNA_M
ClientSampleId :

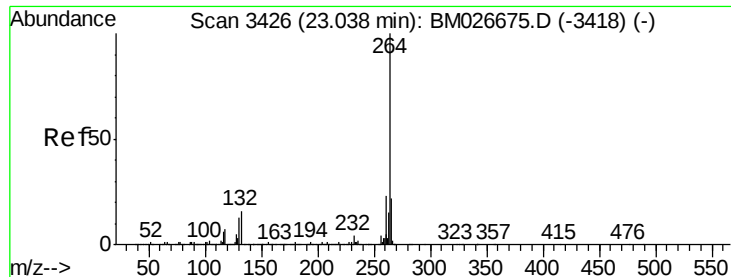
Tot Ion:240 Resp: 392180
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 24.9 19.4 29.2



#79
Terphenyl-d14
Concen: 95.793 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026862.D
Acq: 23 Jul 2020 21:48

Tgt Ion:244 Resp: 1908937
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.8 8.2 12.4

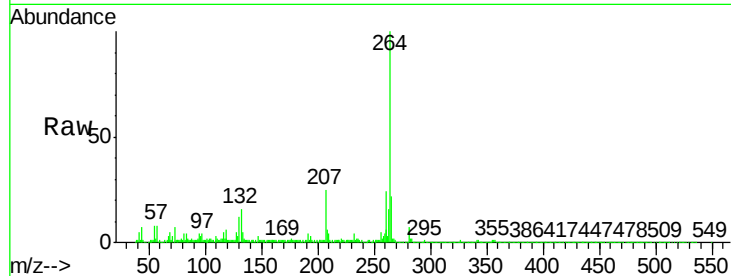




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.01 min Scan# 3446
 Delta R.T. -0.01 min
 Lab File: BM026862.D
 Acq: 23 Jul 2020 21:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.5	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

