

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024664.D
 Acq On : 30 Jan 2020 18:33
 Operator : CG/JU
 Sample : PB126427BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BL

Quant Time: Jan 30 23:23:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

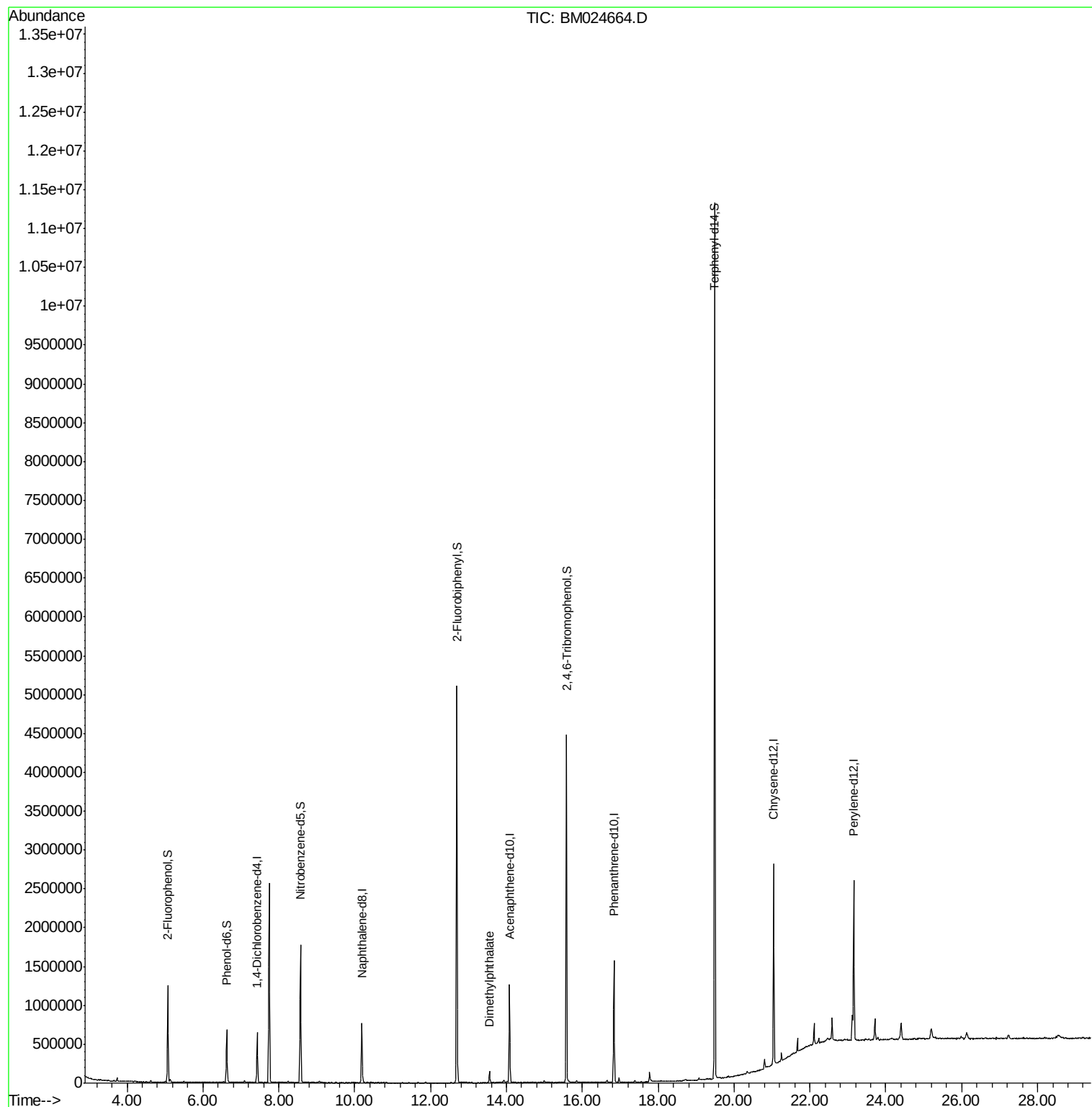
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	175603	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	644011	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	438543	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	1004437	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1246542	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1490994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	517119	56.00	ng	-0.01
7) Phenol-d6	6.63	99	371151	29.18	ng	-0.02
23) Nitrobenzene-d5	8.57	82	990607	75.43	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	942790	132.16	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2763697	85.68	ng	-0.02
79) Terphenyl-d14	19.49	244	5396968	80.83	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.55	163	104808	2.956	ng	Qvalue 98

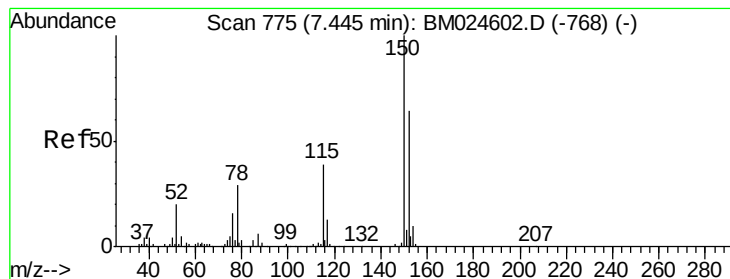
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.43 min Scan# 772

Delta R.T. -0.02 min

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BNA_M

ClientSampleId :

PB126427BL

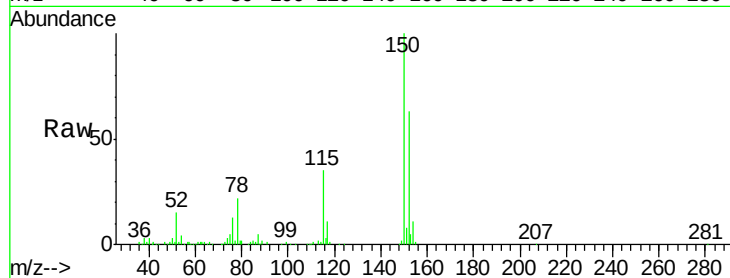
Tot Ion:152 Resp: 175603

Ion Ratio Lower Upper

152 100

150 158.6 124.2 186.4

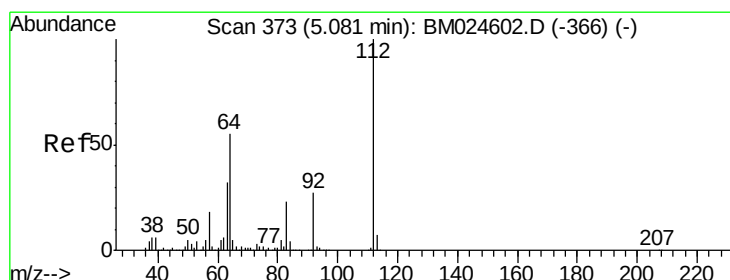
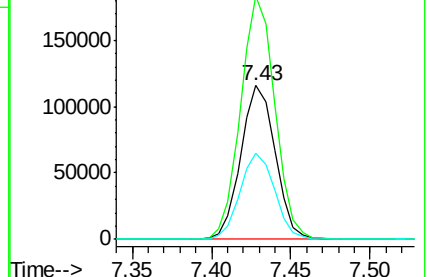
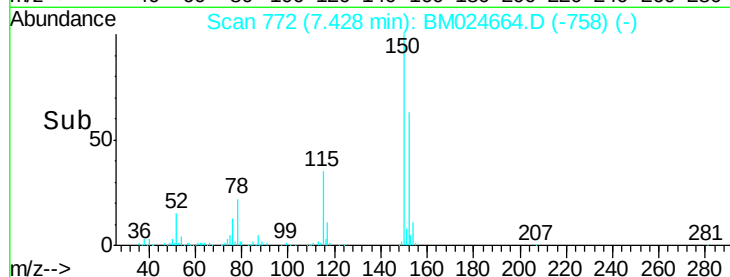
115 55.9 48.6 72.8



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: 56.003 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

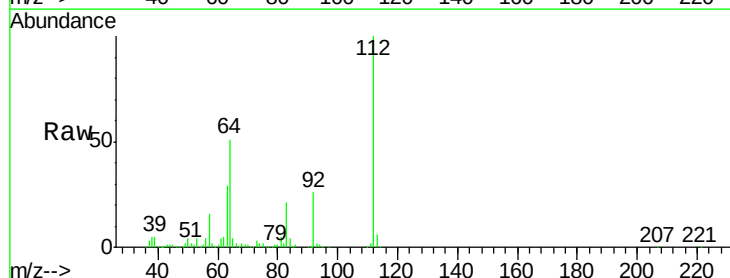
Tgt Ion:112 Resp: 517119

Ion Ratio Lower Upper

112 100

64 51.4 44.2 66.4

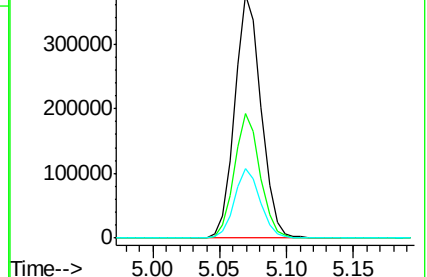
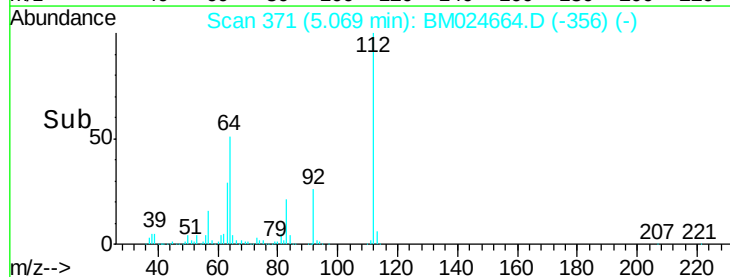
63 28.7 25.9 38.9

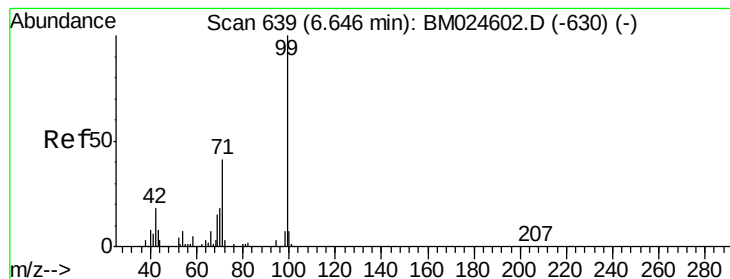


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 29.178 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

Instrument :

BNA_M

ClientSampleId :

PB126427BL

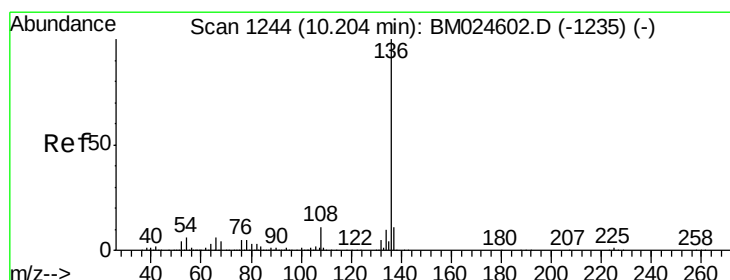
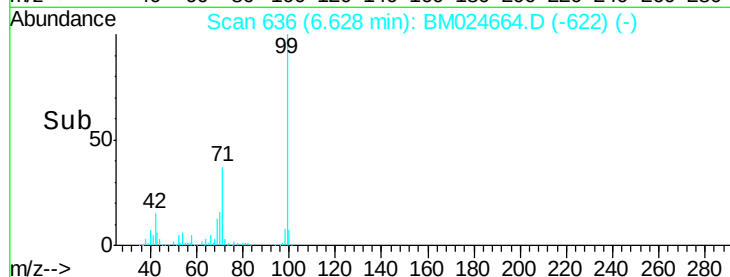
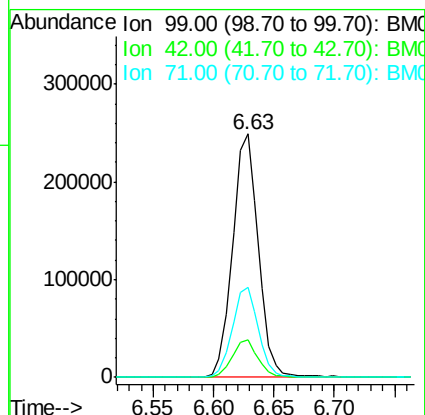
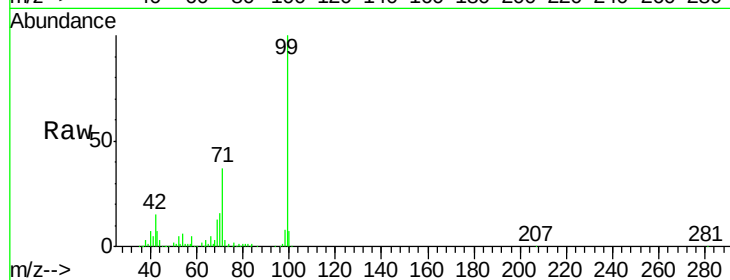
Tot Ion: 99 Resp: 371151

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 37.2 33.0 49.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

Tgt Ion: 136 Resp: 644011

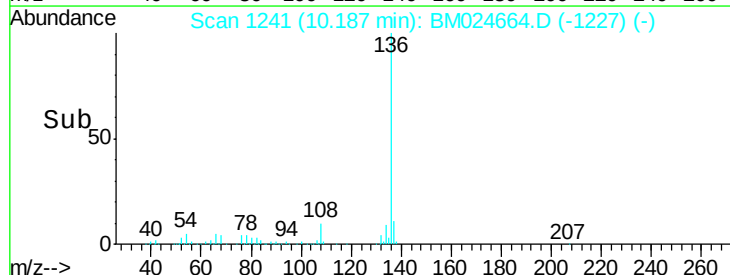
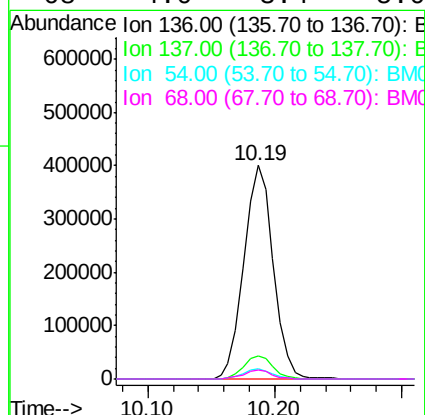
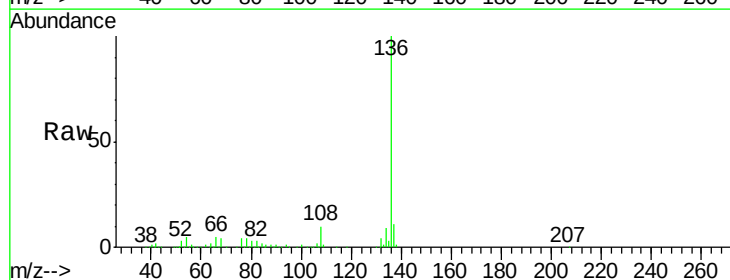
Ion Ratio Lower Upper

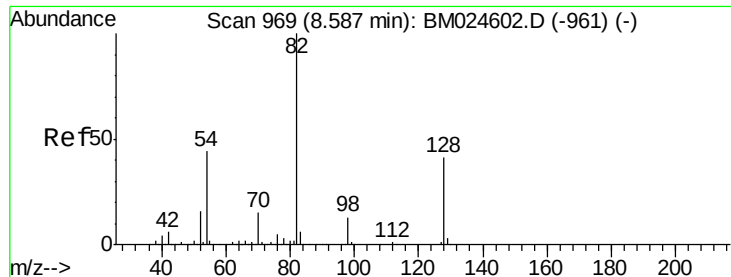
136 100

137 10.7 8.6 13.0

54 4.5 4.5 6.7

68 4.0 3.4 5.0

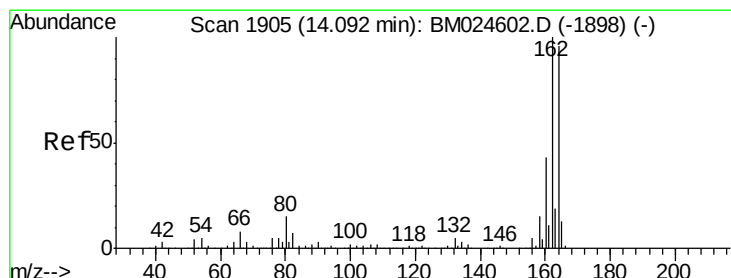
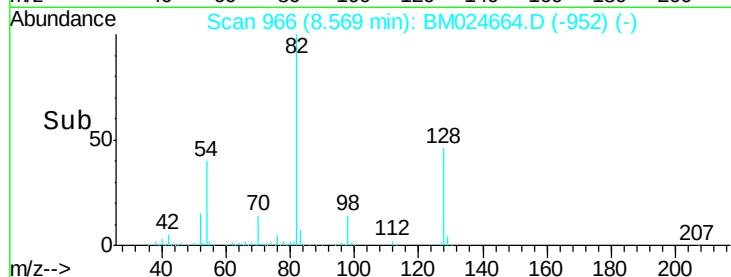
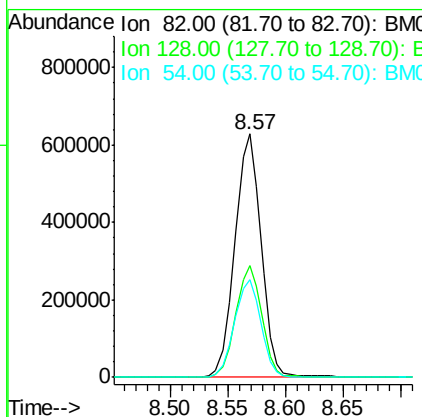
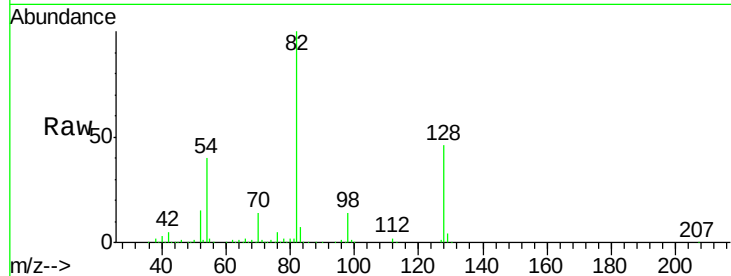




#23
 Nitrobenzene-d5
 Concen: 75.435 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024664.D
 Acq: 30 Jan 2020 18:33

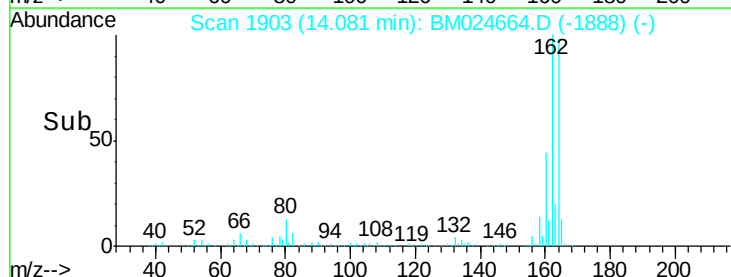
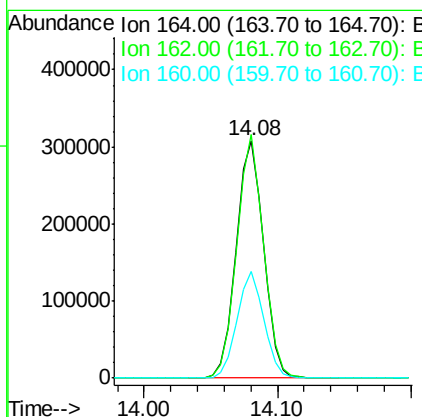
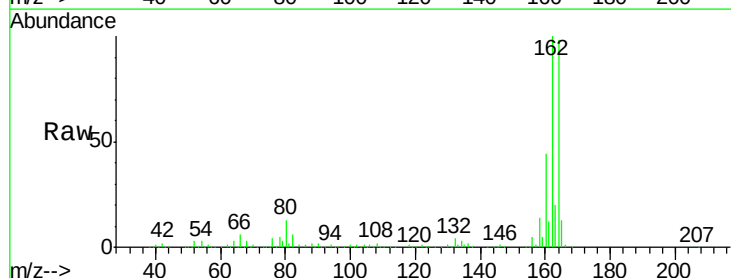
Instrument :
 BNA_M
 ClientSampleId :
 PB126427BL

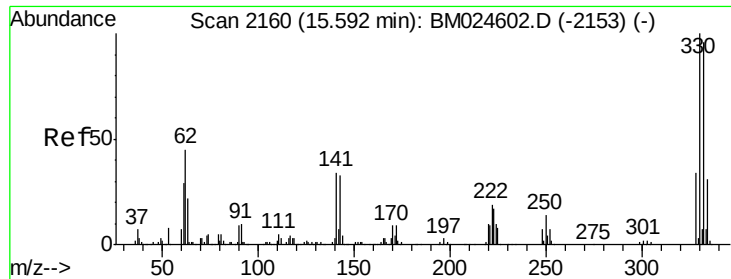
Tot Ion	82	Resp	990607
Ion Ratio	Lower	Upper	
82	100		
128	45.7	32.6	48.8
54	40.1	34.8	52.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM024664.D
 Acq: 30 Jan 2020 18:33

Tgt Ion	164	Resp	438543
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.9	124.3
160	44.7	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 132.163 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

Instrument :

BNA_M

ClientSampleId :

PB126427BL

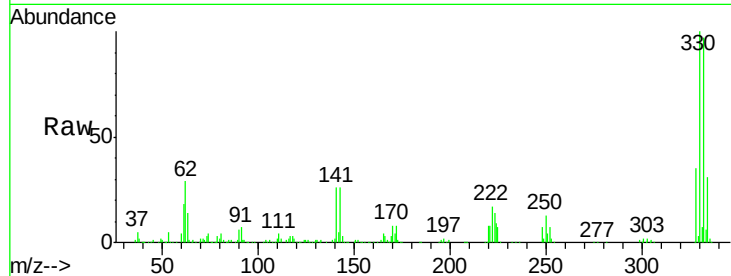
Tot Ion:330 Resp: 942790

Ion Ratio Lower Upper

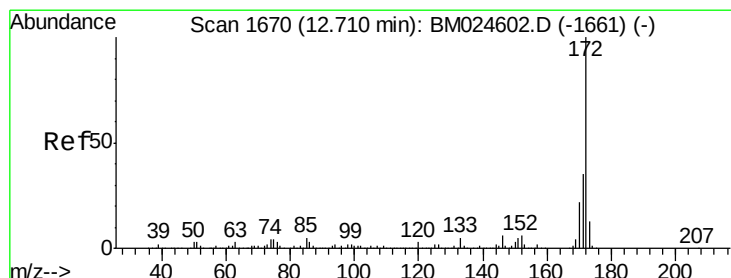
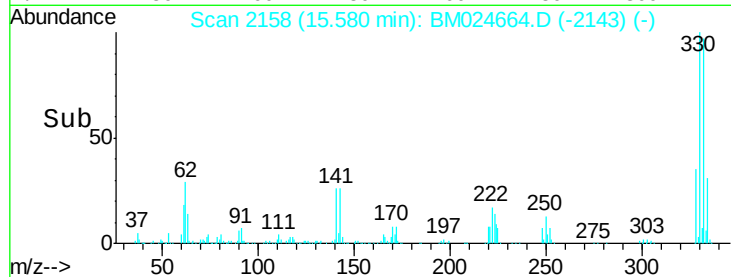
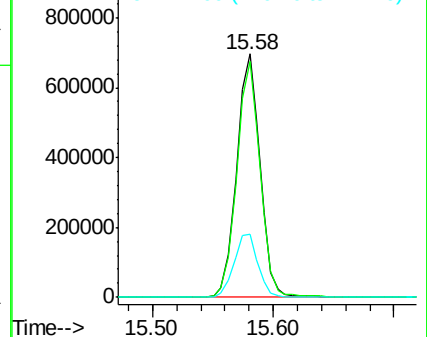
330 100

332 96.2 77.2 115.8

141 27.0 26.9 40.3



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: 85.676 ng

RT: 12.69 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

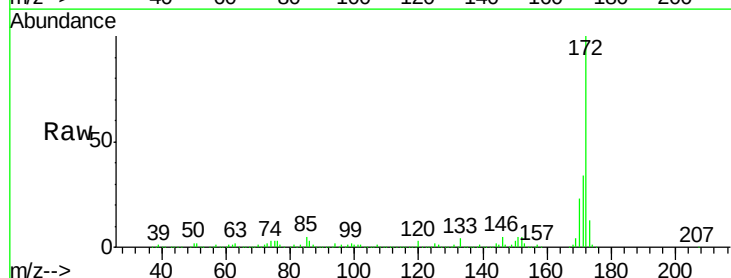
Tgt Ion:172 Resp: 2763697

Ion Ratio Lower Upper

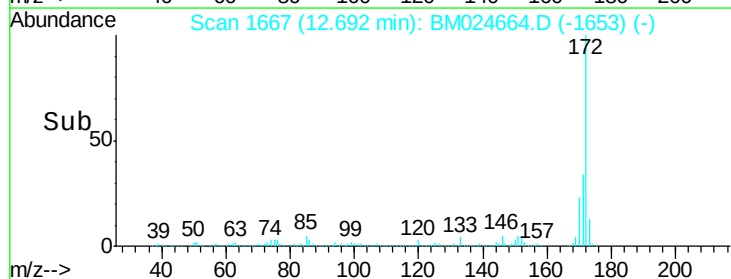
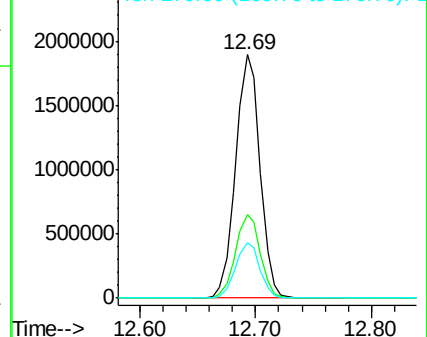
172 100

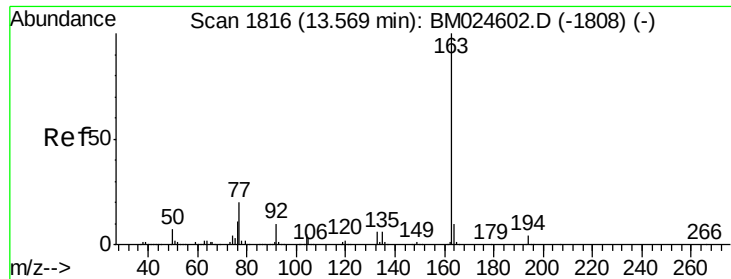
171 34.5 28.3 42.5

170 22.9 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: 2.956 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

Instrument :

BNA_M

ClientSampleId :

PB126427BL

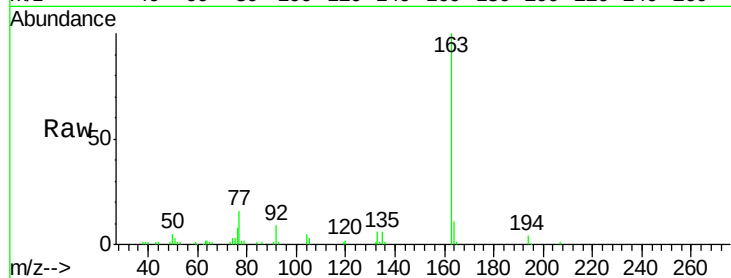
Tot Ion:163 Resp: 104808

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

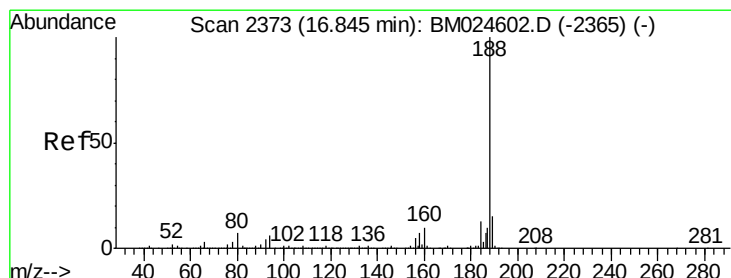
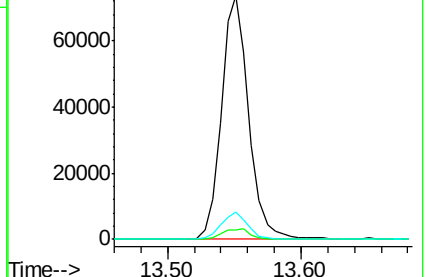
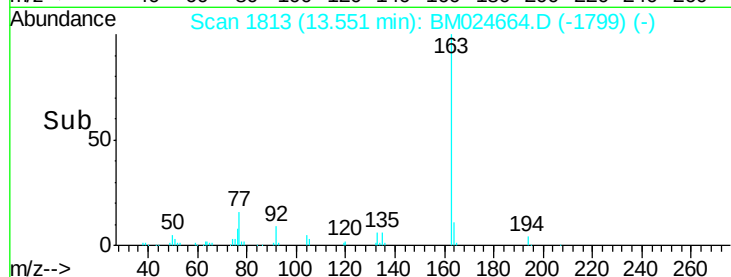
164 11.0 8.0 12.0



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: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

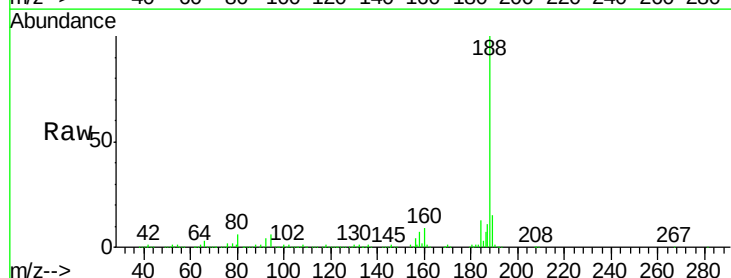
Tgt Ion:188 Resp: 1004437

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.6

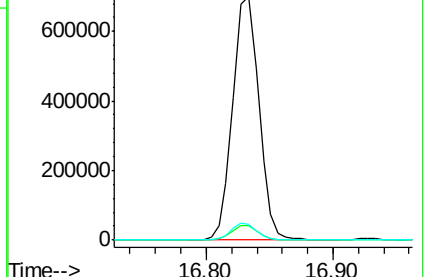
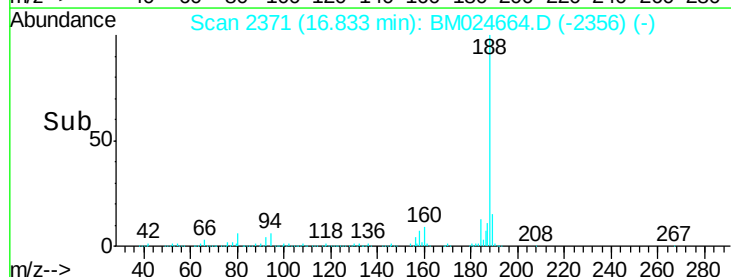
80 6.3 5.8 8.8

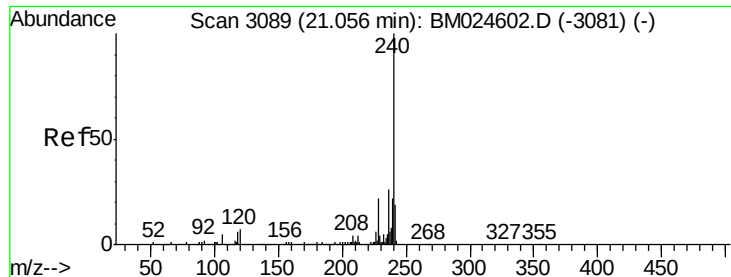


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

Instrument :

BNA_M

ClientSampleId :

PB126427BL

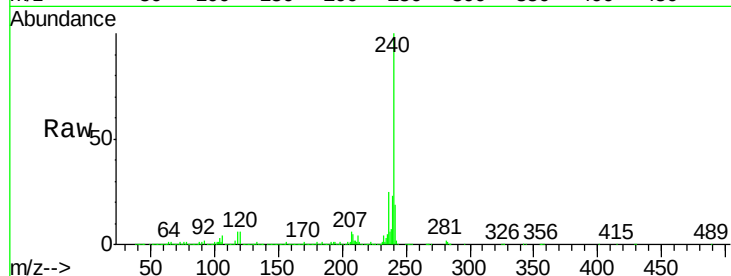
Tot Ion:240 Resp: 1246542

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

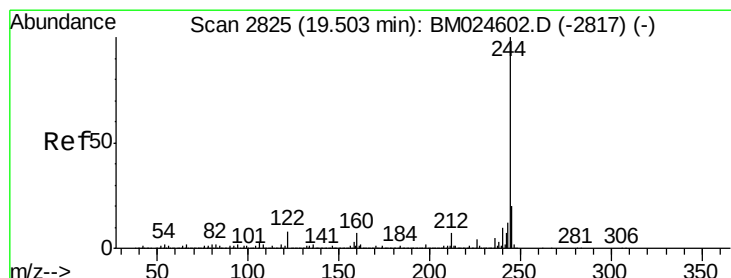
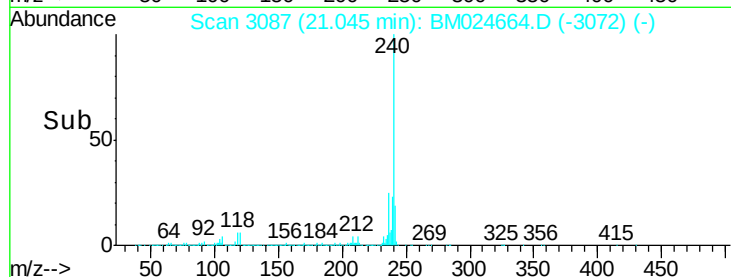
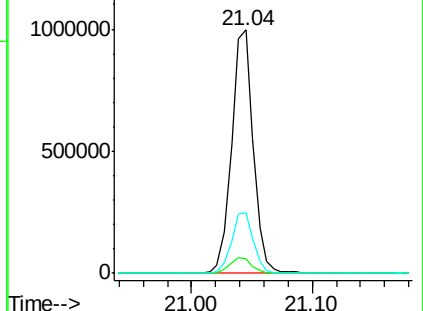
236 25.1 20.6 31.0



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: 80.829 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024664.D

Acq: 30 Jan 2020 18:33

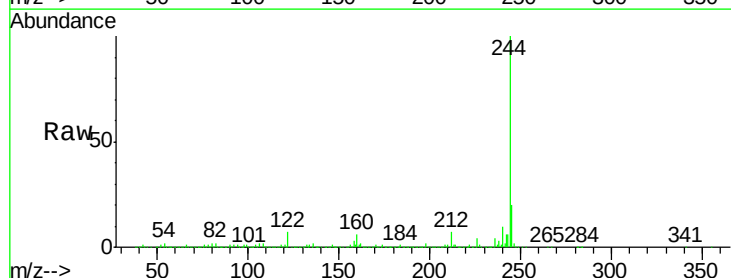
Tgt Ion:244 Resp: 5396968

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

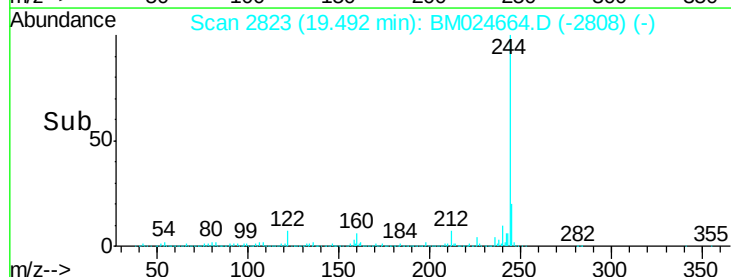
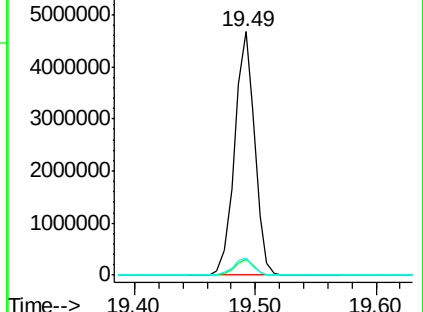
122 7.2 6.2 9.4

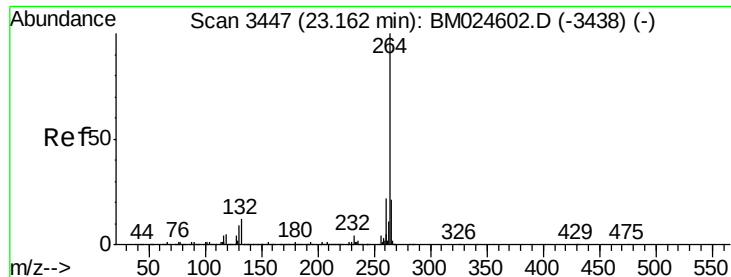


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



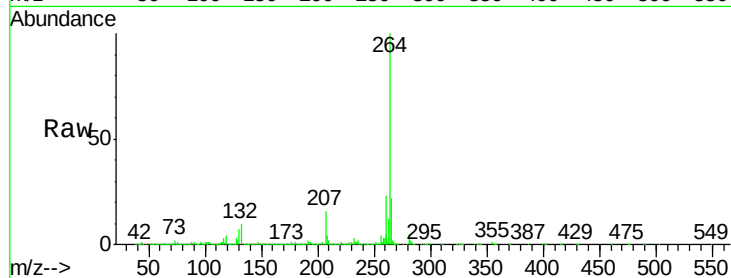


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024664.D
Acq: 30 Jan 2020 18:33

Instrument :
BNA_M
ClientSampleId :
PB126427BL

Tot Ion:264 Resp: 1490994

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.6	17.3	25.9



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

