

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024694.D
 Acq On : 01 Feb 2020 02:21
 Operator : CG/JU
 Sample : L1294-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 02:53:50 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

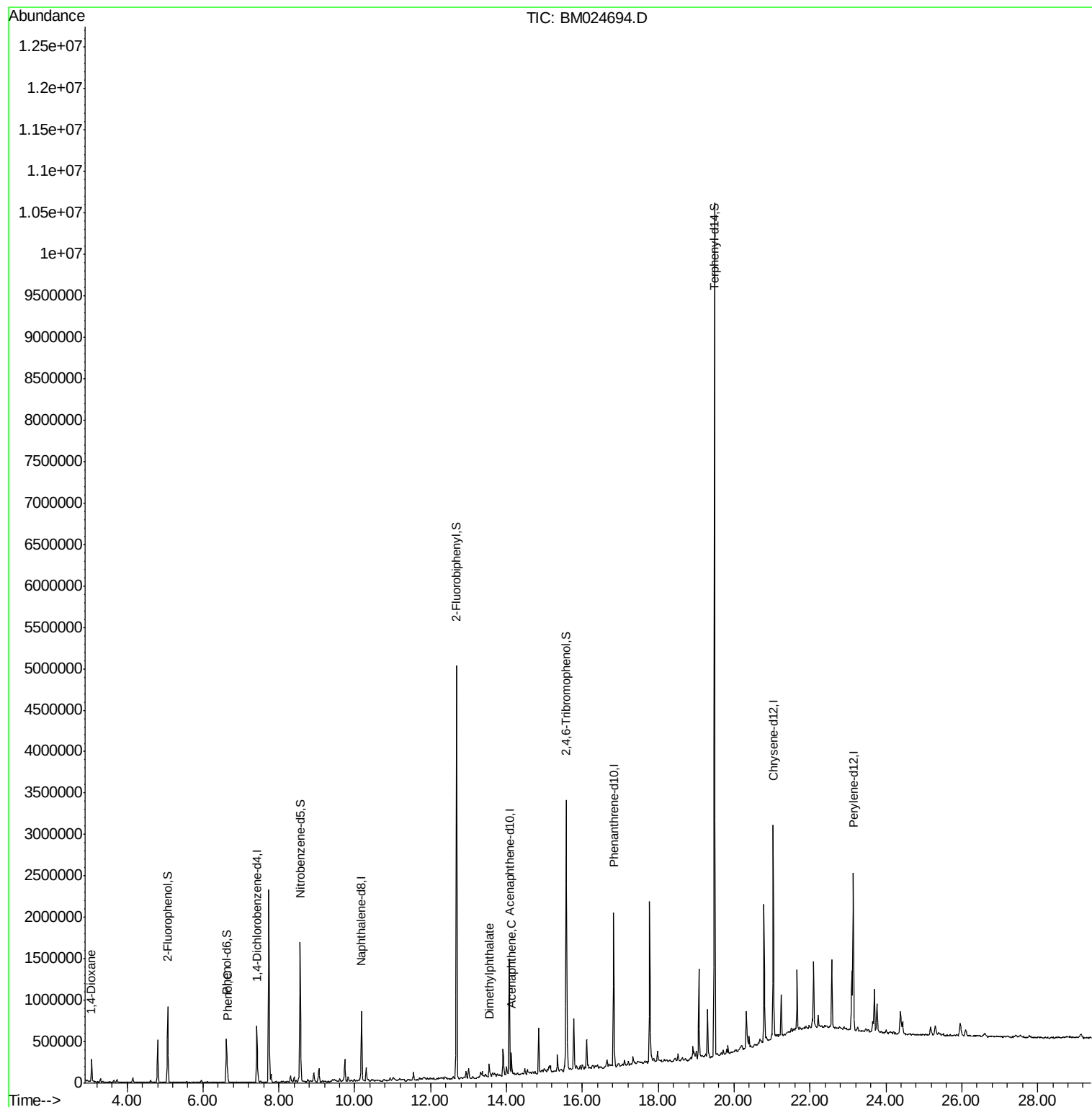
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	188088	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	691622	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	486564	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1136692	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1222856	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1411738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	387579	39.19	ng	-0.01
7) Phenol-d6	6.62	99	287423	21.10	ng	-0.02
23) Nitrobenzene-d5	8.56	82	946364	67.10	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	672727	85.00	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2622807	73.28	ng	-0.02
79) Terphenyl-d14	19.49	244	5083380	77.61	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.06	88	152028	38.859	ng	91
10) Phenol	6.65	94	80816	5.951	ng	97
50) Dimethylphthalate	13.54	163	110846	2.817	ng	98
52) Acenaphthene	14.13	154	86273	3.124	ng	92

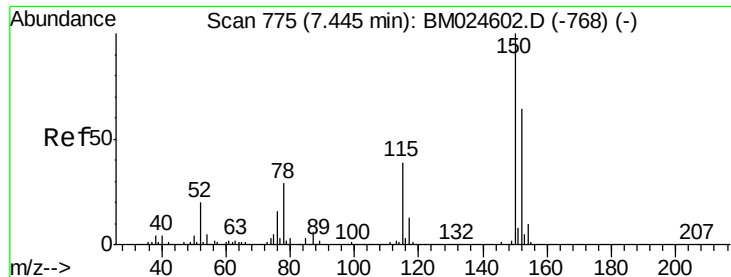
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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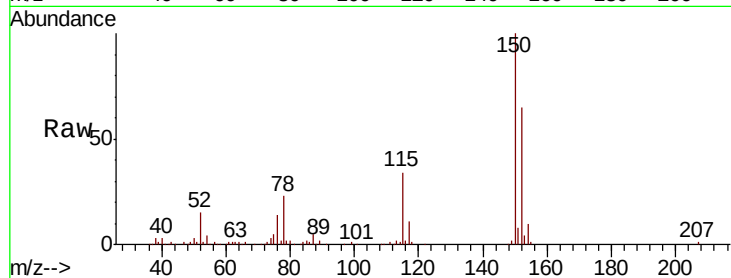


#1

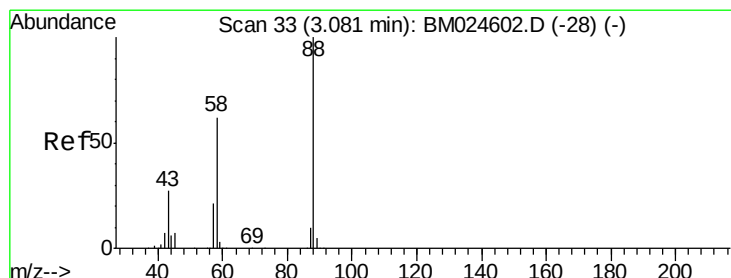
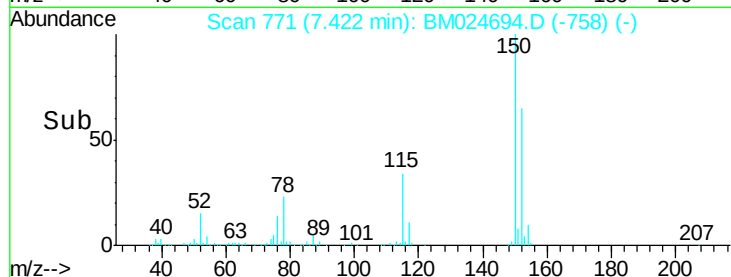
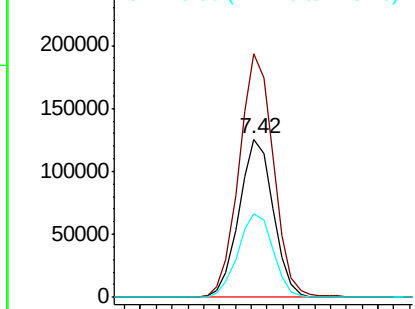
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024694.D
Acq: 01 Feb 2020 02:21

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 188088
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.4
115 53.0 48.6 72.8



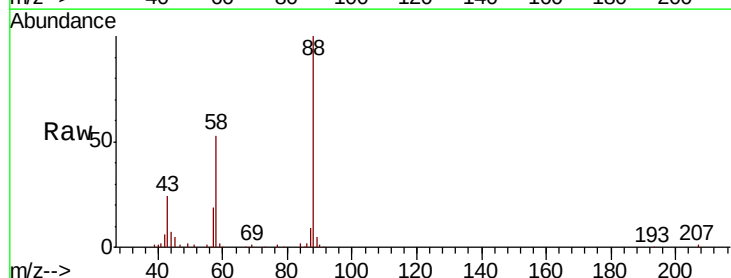
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



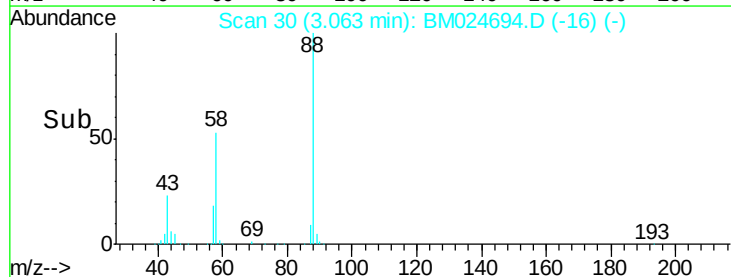
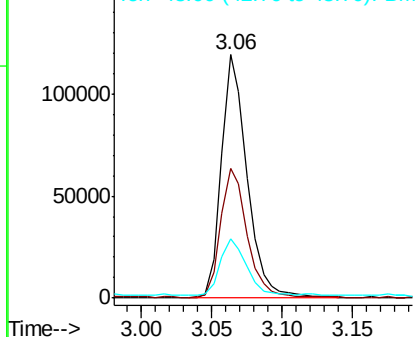
#2

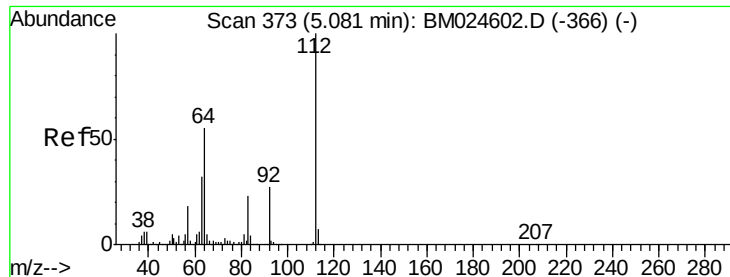
1,4-Dioxane
Concen: 38.859 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024694.D
Acq: 01 Feb 2020 02:21

Tgt Ion: 88 Resp: 152028
Ion Ratio Lower Upper
88 100
58 54.2 50.0 75.0
43 24.1 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 39.188 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Instrument :

BNA_M

ClientSampleId :

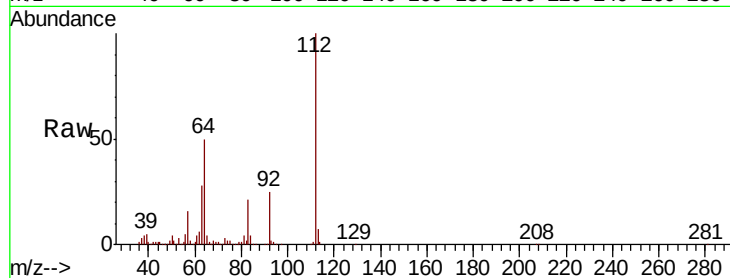
Tot Ion: 112 Resp: 387579

Ion Ratio Lower Upper

112 100

64 50.0 44.2 66.4

63 28.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM

300000

200000

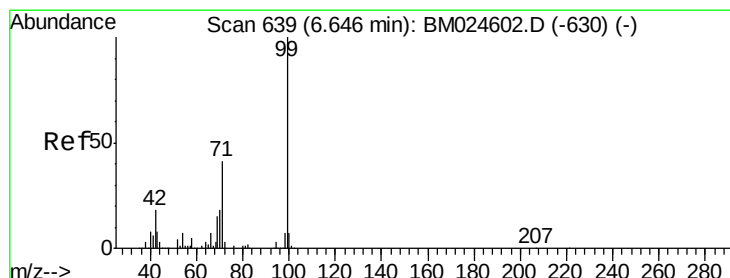
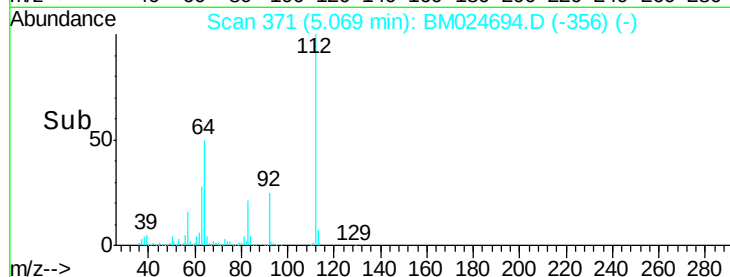
100000

0

5.07

5.00 5.05 5.10 5.15

Time-->



#7

Phenol-d6

Concen: 21.096 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

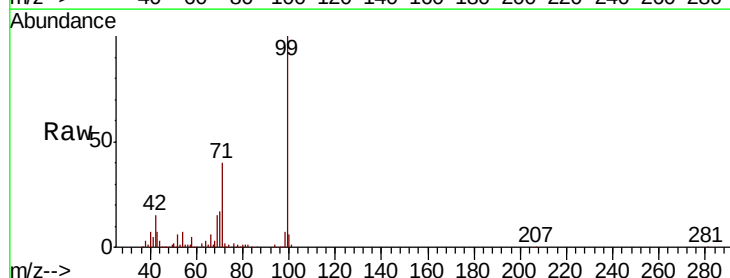
Tgt Ion: 99 Resp: 287423

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 39.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

250000

200000

150000

100000

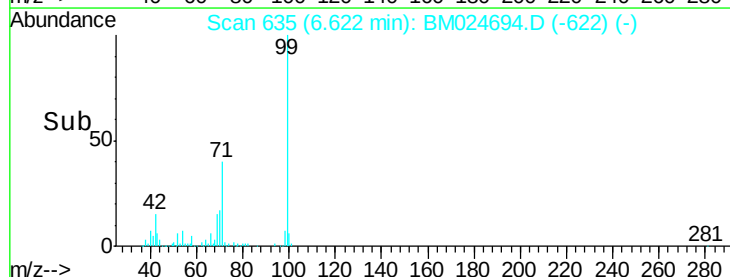
50000

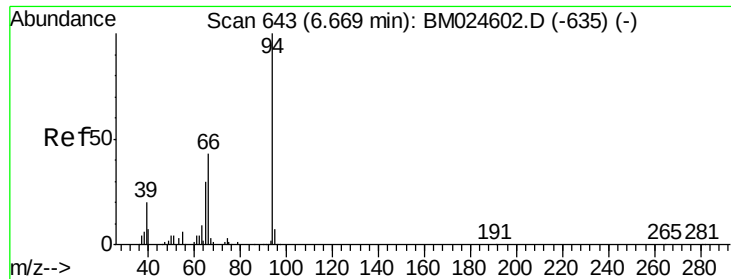
0

6.62

6.55 6.60 6.65 6.70

Time-->





#10

Phenol

Concen: 5.951 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Instrument :

BNA_M

ClientSampleId :

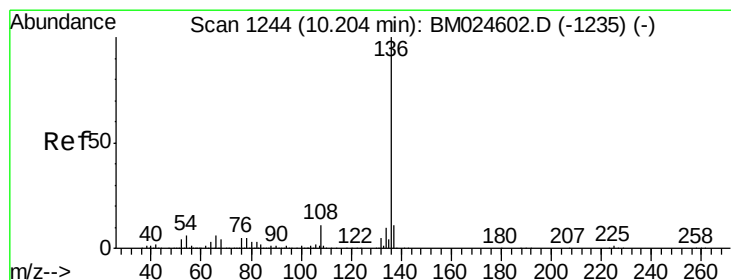
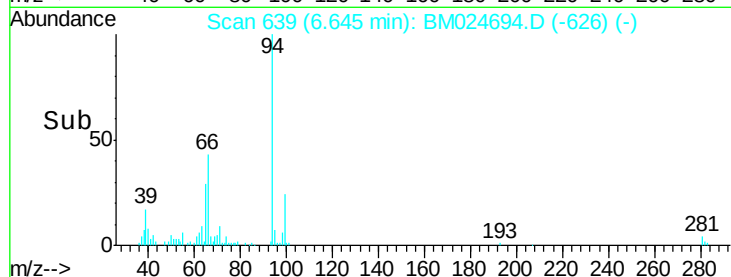
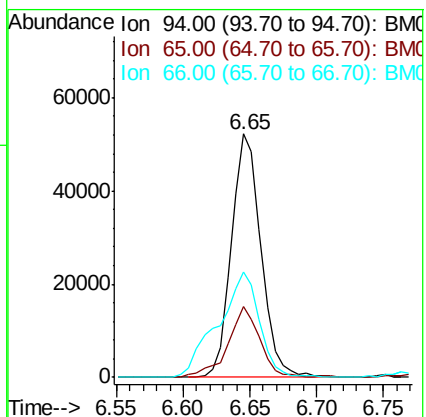
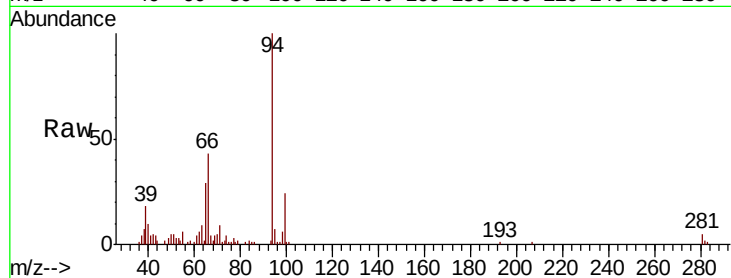
Tot Ion: 94 Resp: 80816

Ion Ratio Lower Upper

94 100

65 29.1 10.3 50.3

66 43.1 24.8 64.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Tgt Ion: 136 Resp: 691622

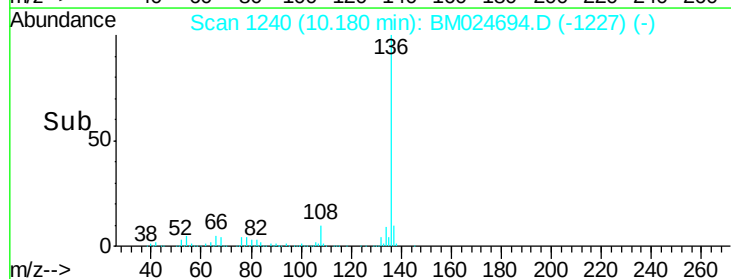
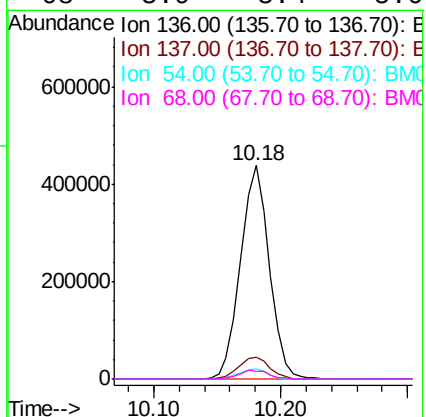
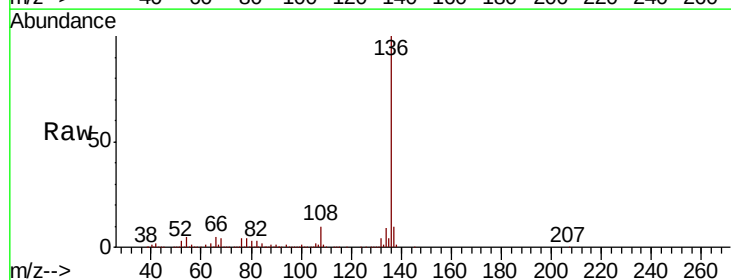
Ion Ratio Lower Upper

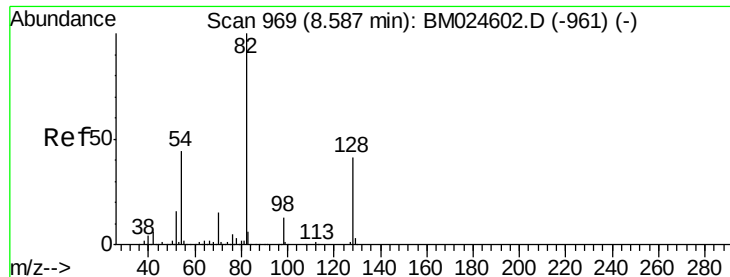
136 100

137 10.2 8.6 13.0

54 4.5 4.5 6.7

68 3.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 67.105 ng

RT: 8.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Instrument :

BNA_M

ClientSampleId :

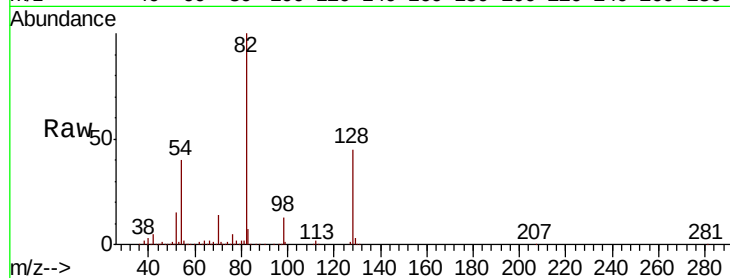
Tot Ion: 82 Resp: 946364

Ion Ratio Lower Upper

82 100

128 45.0 32.6 48.8

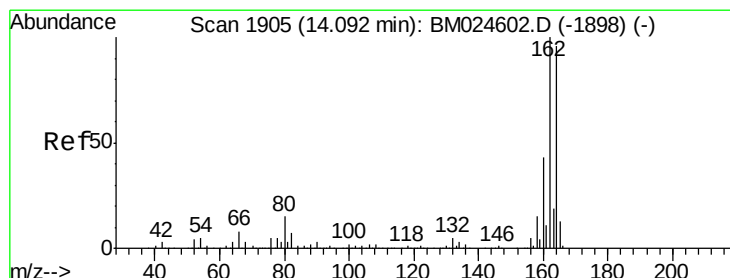
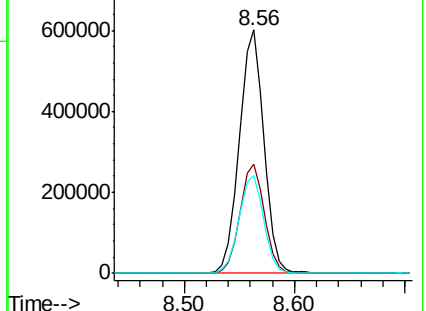
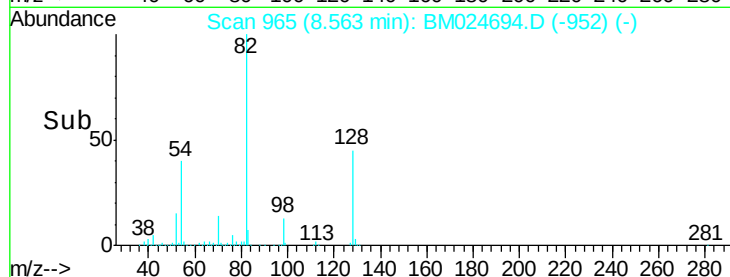
54 40.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM024602.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM024602.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM024602.D (-961) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

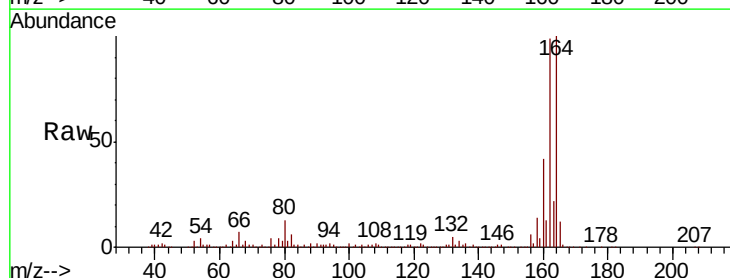
Tgt Ion:164 Resp: 486564

Ion Ratio Lower Upper

164 100

162 99.4 82.9 124.3

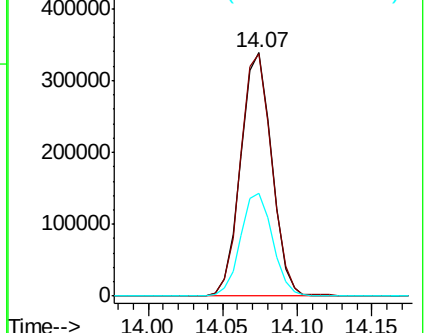
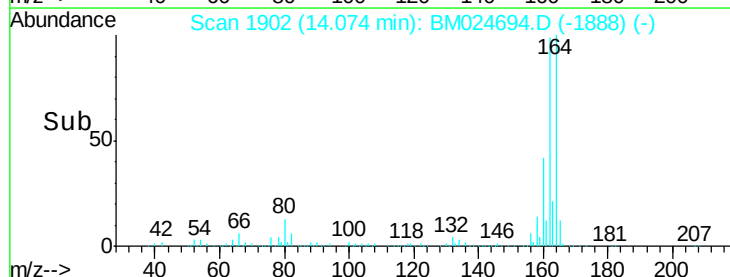
160 42.2 35.5 53.3

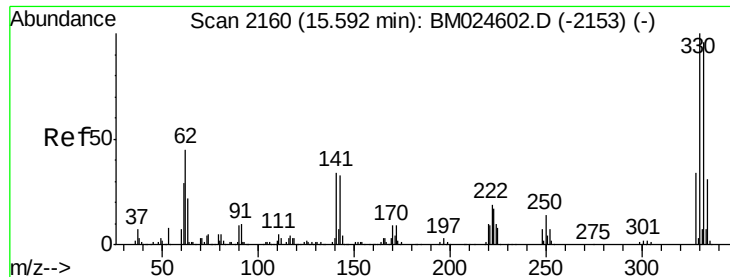


Abundance Ion 164.00 (163.70 to 164.70): BM024602.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM024602.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM024602.D (-1898) (-)





#42

2,4,6-Tribromophenol

Concen: 84.997 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Instrument :

BNA_M

ClientSampleId :

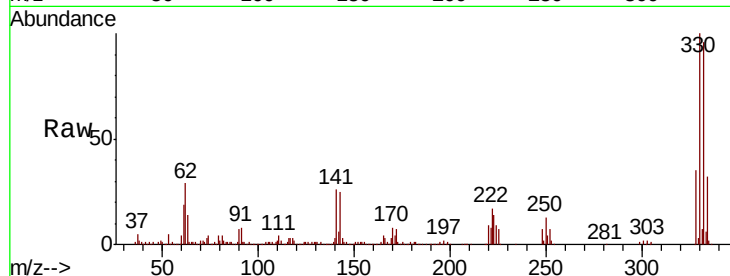
Tot Ion:330 Resp: 672727

Ion Ratio Lower Upper

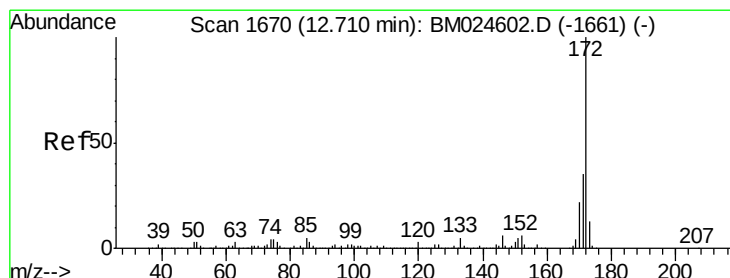
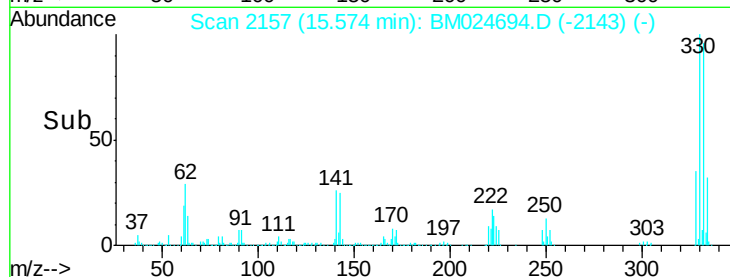
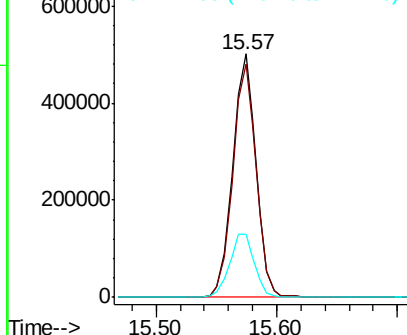
330 100

332 96.3 77.2 115.8

141 27.4 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: 73.284 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

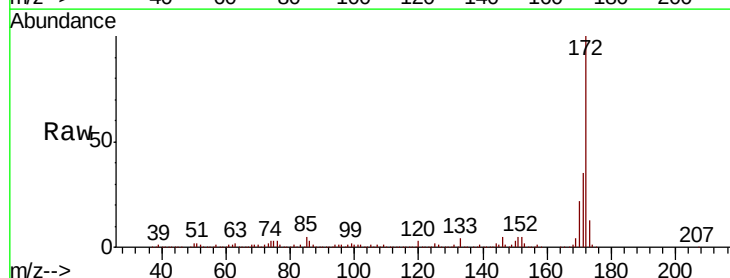
Tgt Ion:172 Resp: 2622807

Ion Ratio Lower Upper

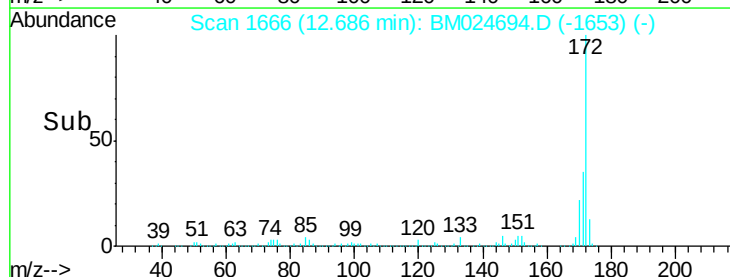
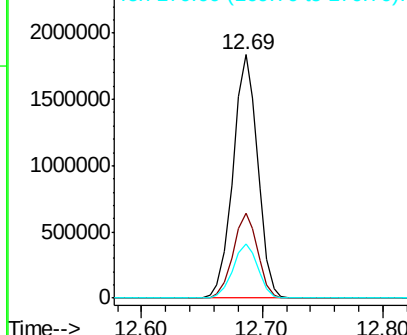
172 100

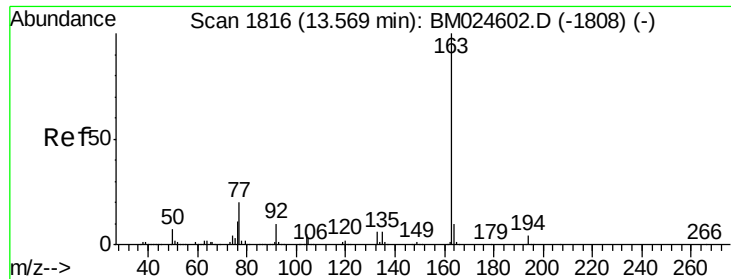
171 35.0 28.3 42.5

170 22.2 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

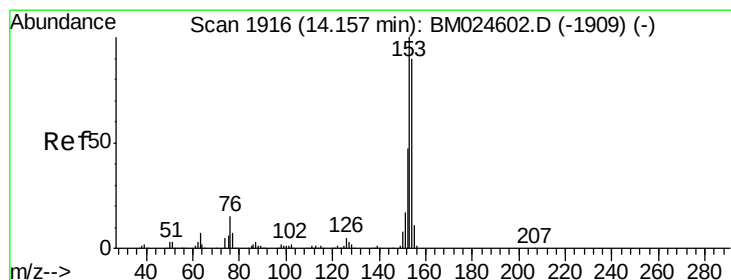
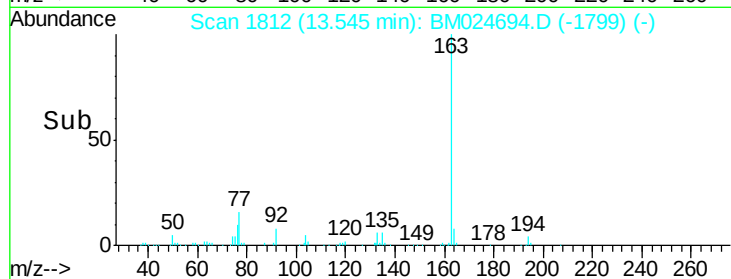
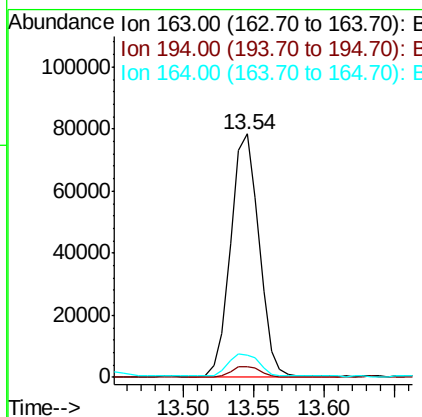
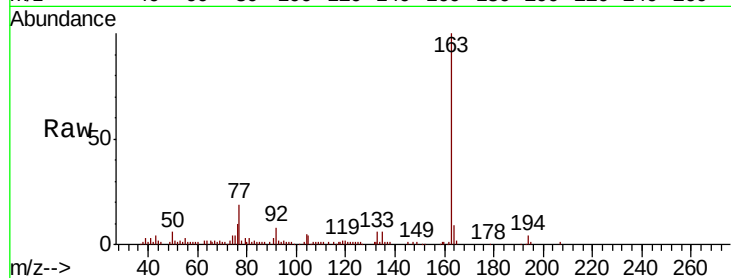




#50
Dimethylphthalate
Concen: 2.817 ng
RT: 13.54 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BM024694.D
Acq: 01 Feb 2020 02:21

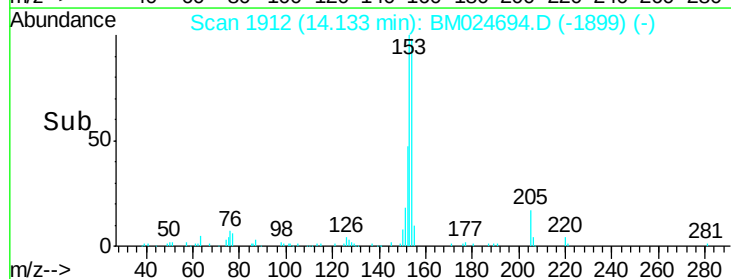
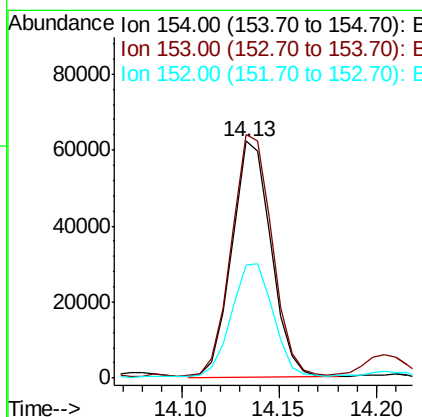
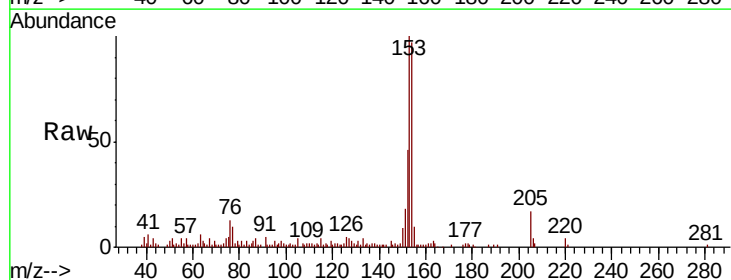
Instrument :
BNA_M
ClientSampleId :

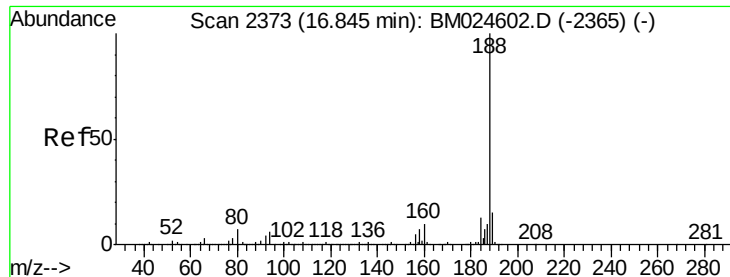
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.1	8.0	12.0



#52
Acenaphthene
Concen: 3.124 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BM024694.D
Acq: 01 Feb 2020 02:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	102.8	89.1	133.7
152	47.6	41.9	62.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

Instrument :

BNA_M

ClientSampled :

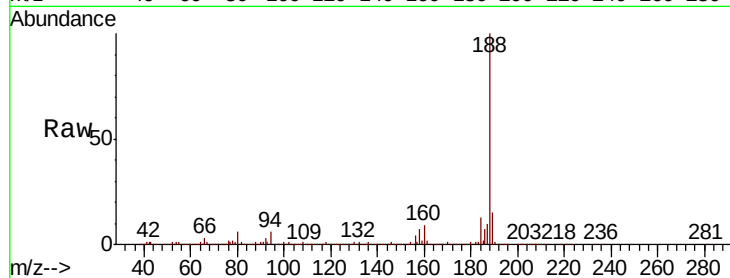
Tot Ion:188 Resp: 1136692

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.6

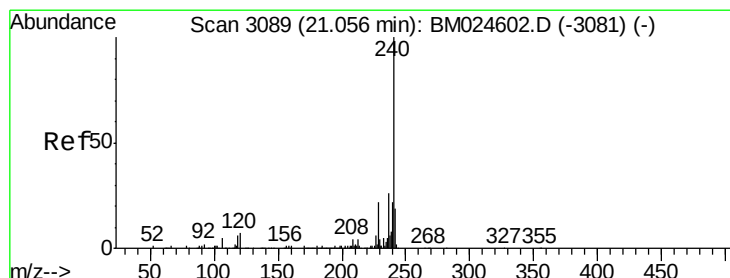
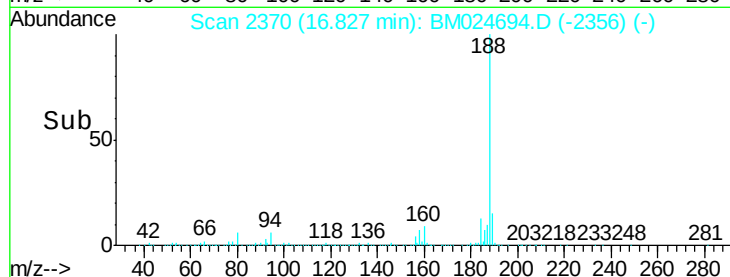
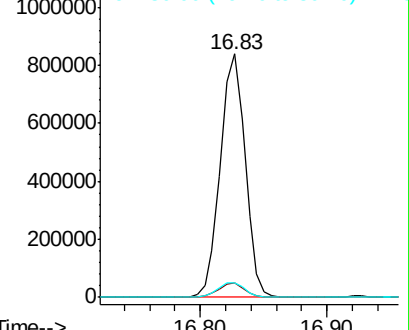
80 6.1 5.8 8.8



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: 21.03 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BM024694.D

Acq: 01 Feb 2020 02:21

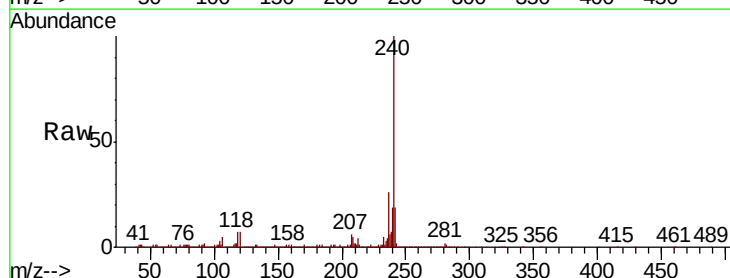
Tgt Ion:240 Resp: 1222856

Ion Ratio Lower Upper

240 100

120 6.8 5.3 7.9

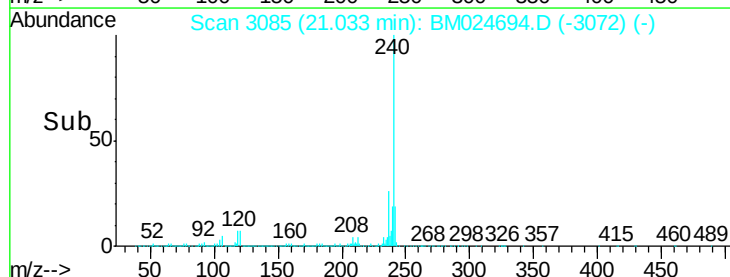
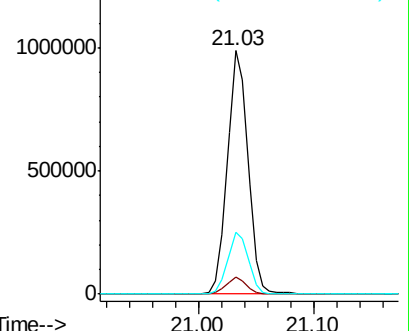
236 25.6 20.6 31.0

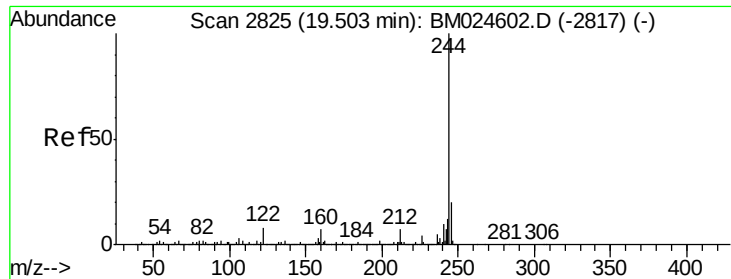


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

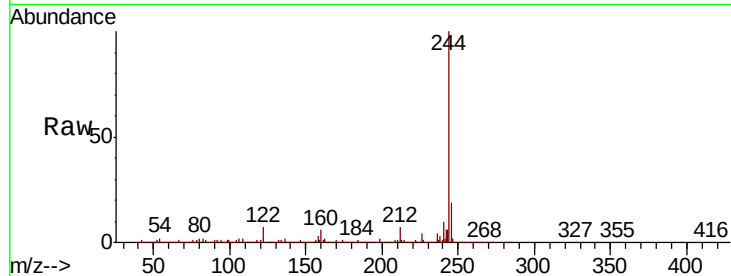




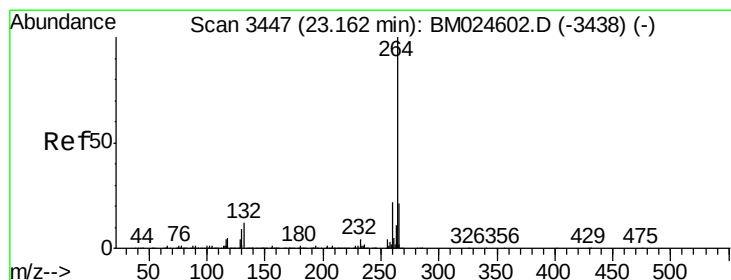
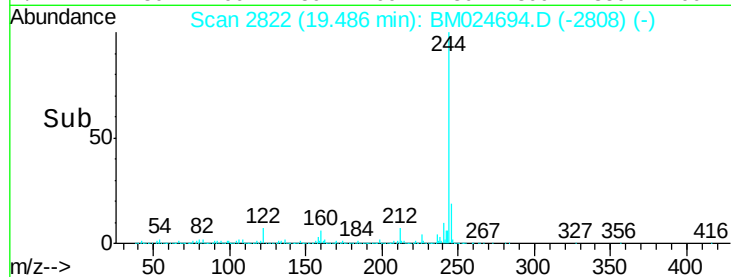
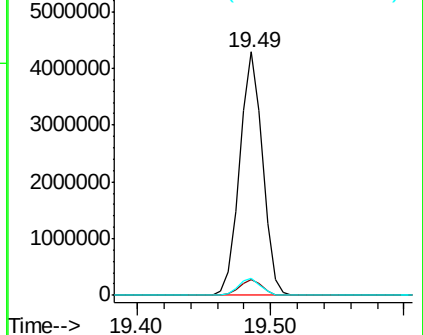
#79
 Terphenyl-d14
 Concen: 77.607 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024694.D
 Acq: 01 Feb 2020 02:21

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5083380
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.1 6.2 9.4

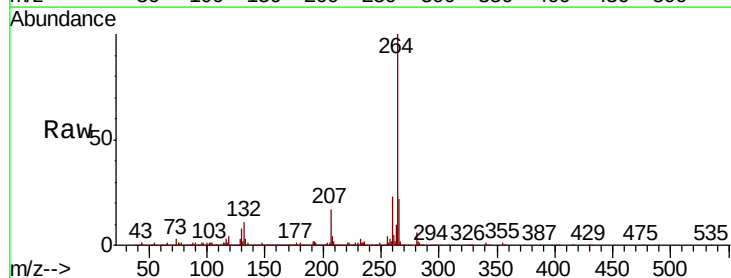


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3443
 Delta R.T. -0.02 min
 Lab File: BM024694.D
 Acq: 01 Feb 2020 02:21

Tgt Ion:264 Resp: 1411738
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

