

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
 Data File : BM022417.D
 Acq On : 29 Aug 2019 20:47
 Operator : HP/JU
 Sample : K4086-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-07-082619RE

Quant Time: Aug 30 07:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

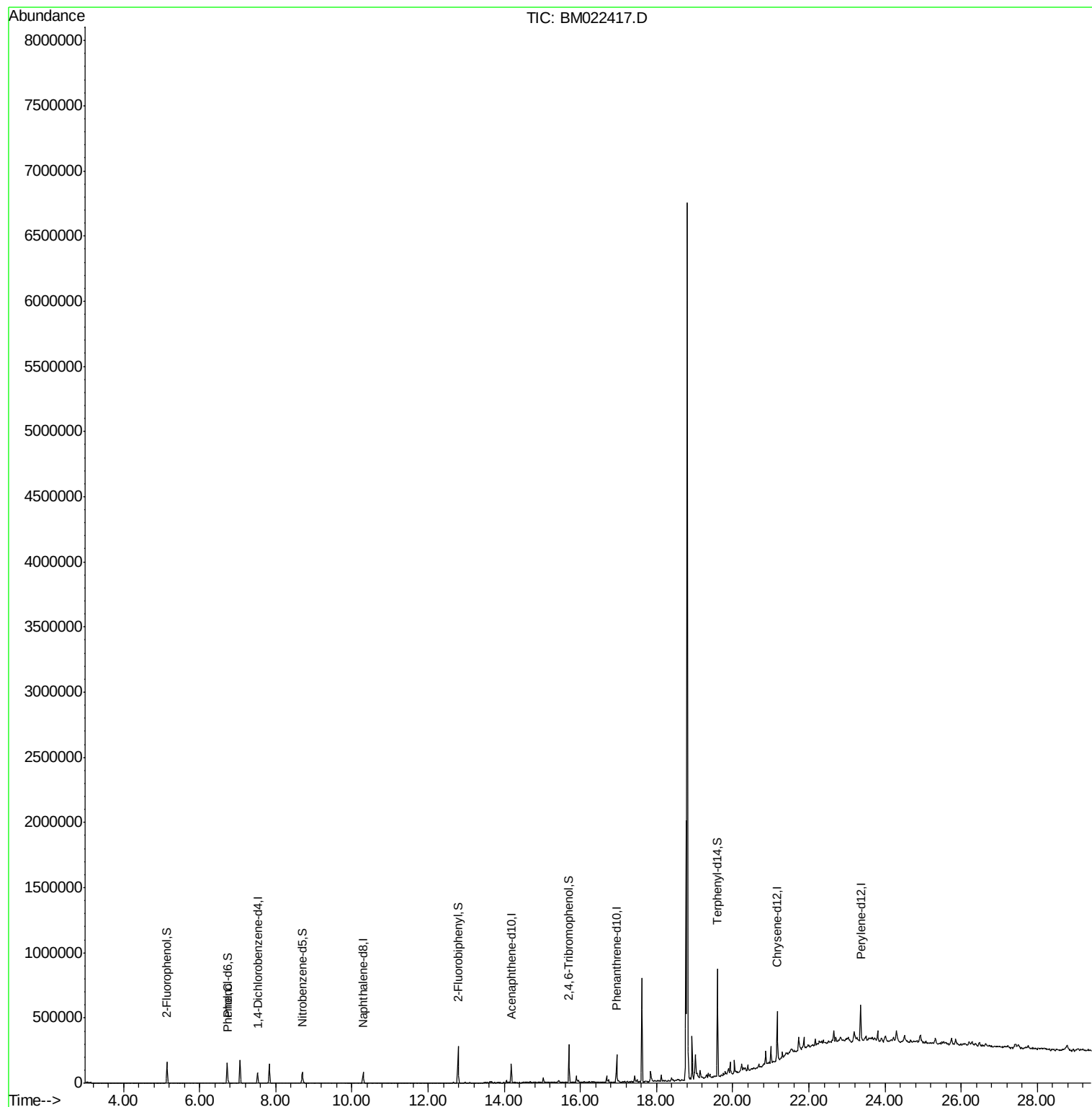
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	18042	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	65979	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	44026	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	104516	20.00	ng	0.00
76) Chrysene-d12	21.17	240	151653	20.00	ng	0.00
87) Perylene-d12	23.36	264	186086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	56694	55.16	ng	0.00
7) Phenol-d6	6.72	99	73998	53.84	ng	0.00
23) Nitrobenzene-d5	8.70	82	52581	34.91	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	42017	46.64	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	122144	31.43	ng	0.00
79) Terphenyl-d14	19.60	244	308663	26.86	ng	0.00
Target Compounds						
10) Phenol	6.75	94	3174	2.299	ng	Qvalue # 81

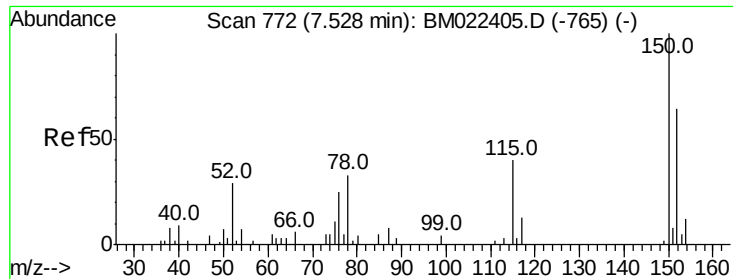
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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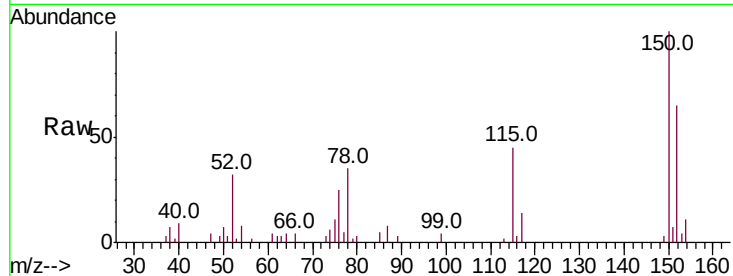


#1

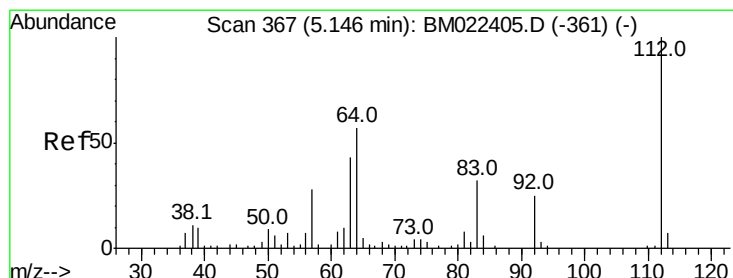
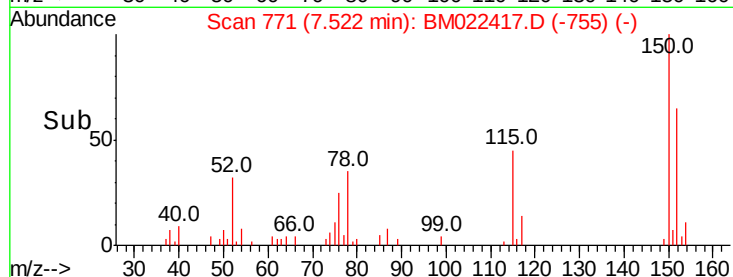
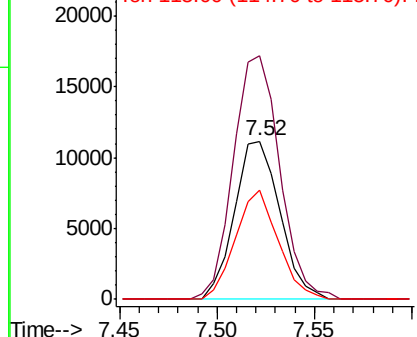
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BM022417.D
 Acq: 29 Aug 2019 20:47

Instrument :
 BNA_M
 ClientSampleId :
 NB-07-082619RE

Tot Ion:152 Resp: 18042
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.4 188.0
 115 69.5 50.3 75.5



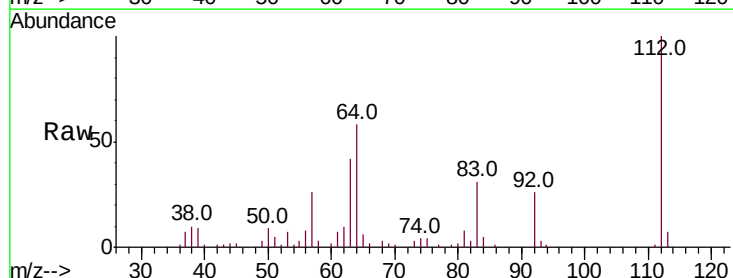
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



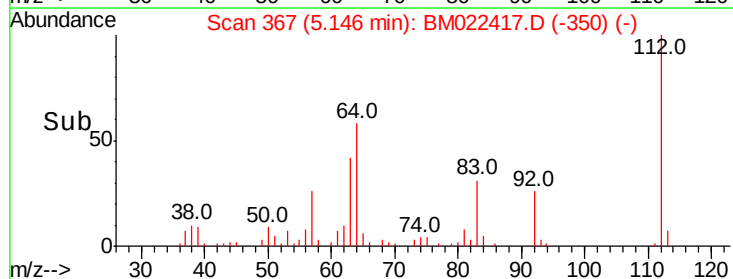
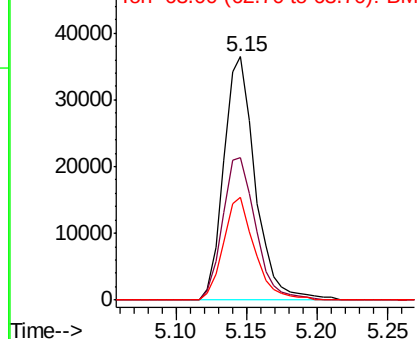
#5

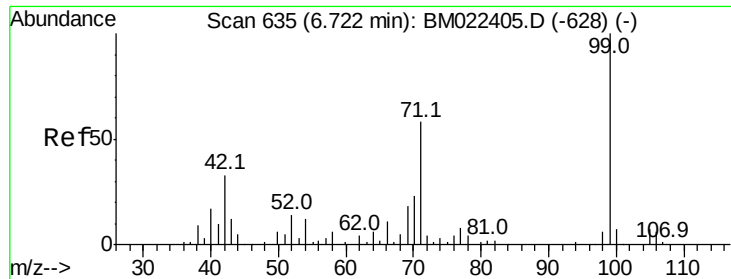
2-Fluorophenol
 Concen: 55.158 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022417.D
 Acq: 29 Aug 2019 20:47

Tgt Ion:112 Resp: 56694
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 42.3 34.5 51.7



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: 53.837 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

Instrument :

BNA_M

ClientSampleId :

NB-07-082619RE

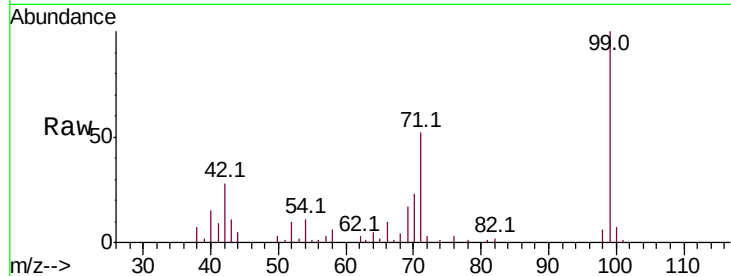
Tot Ion: 99 Resp: 73998

Ion Ratio Lower Upper

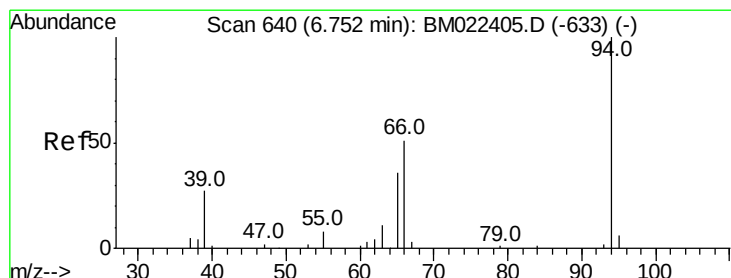
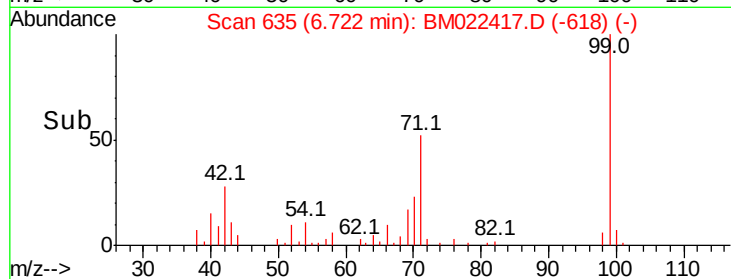
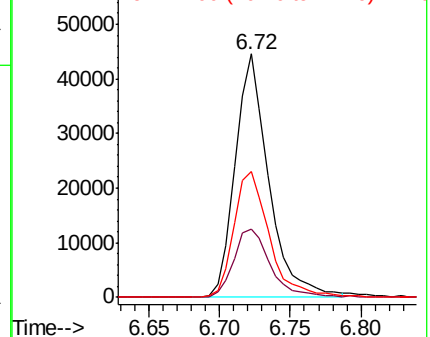
99 100

42 28.1 26.3 39.5

71 51.6 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BMO
Ion 42.00 (41.70 to 42.70): BMO
Ion 71.00 (70.70 to 71.70): BMO



#10

Phenol

Concen: 2.299 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

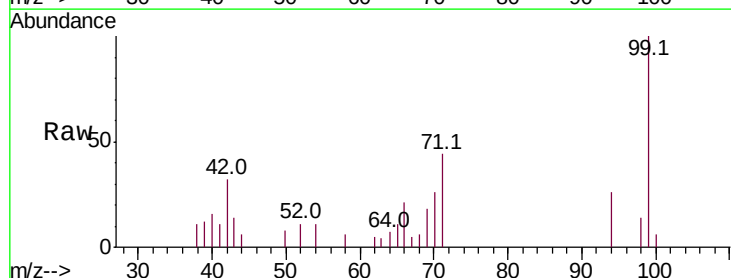
Tgt Ion: 94 Resp: 3174

Ion Ratio Lower Upper

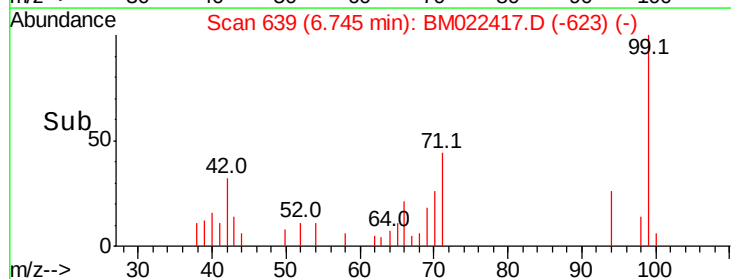
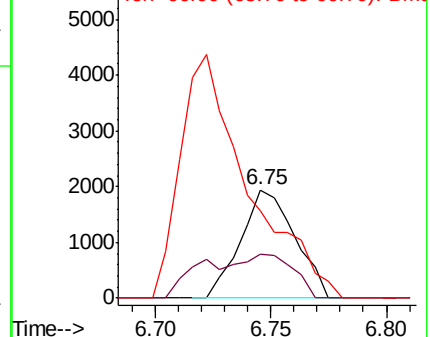
94 100

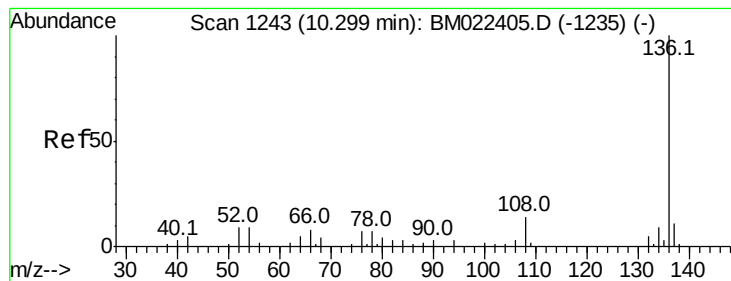
65 40.6 17.7 57.7

66 80.9 39.6 79.6#



Abundance Ion 94.00 (93.70 to 94.70): BMO
Ion 65.00 (64.70 to 65.70): BMO
Ion 66.00 (65.70 to 66.70): BMO





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

Instrument :

BNA_M

ClientSampleId :

NB-07-082619RE

Tot Ion:136 Resp: 65979

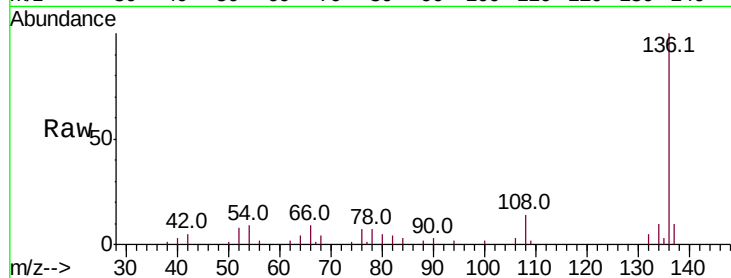
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 9.2 7.0 10.6

68 4.0 2.9 4.3

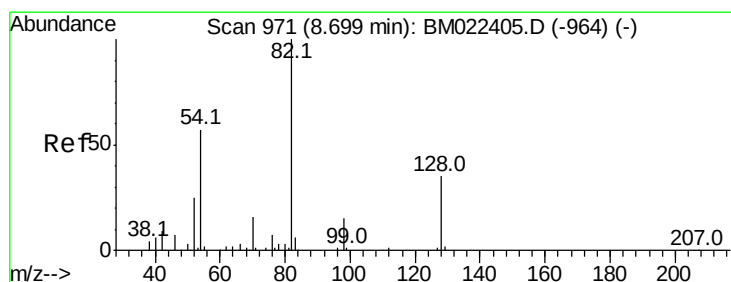
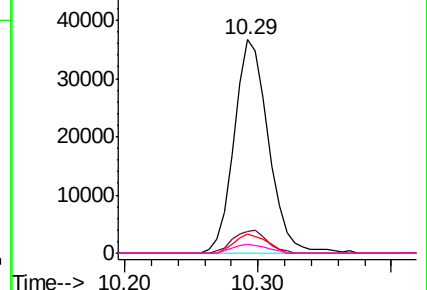
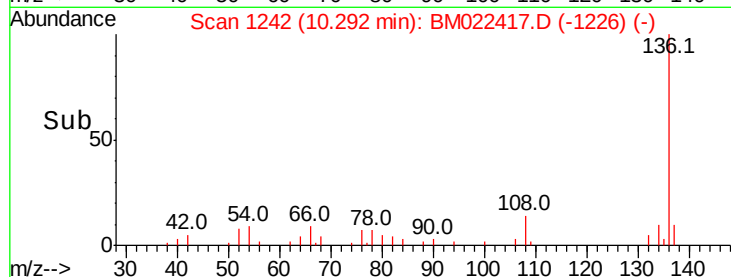


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 34.906 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

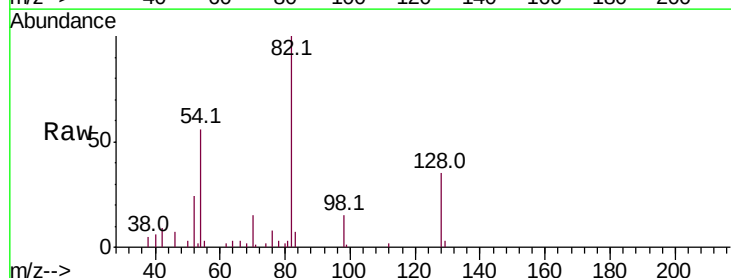
Tgt Ion: 82 Resp: 52581

Ion Ratio Lower Upper

82 100

128 35.2 27.9 41.9

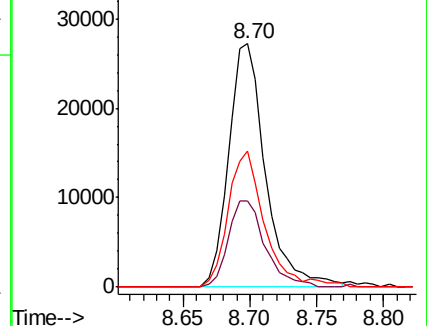
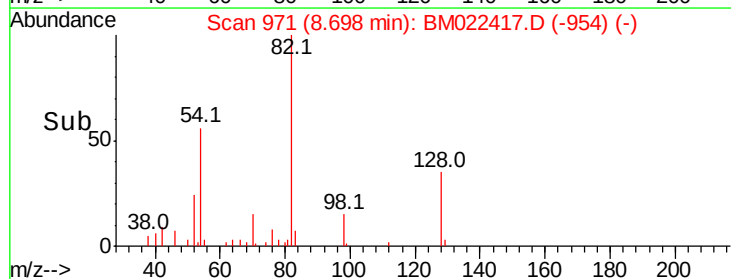
54 55.8 45.2 67.8

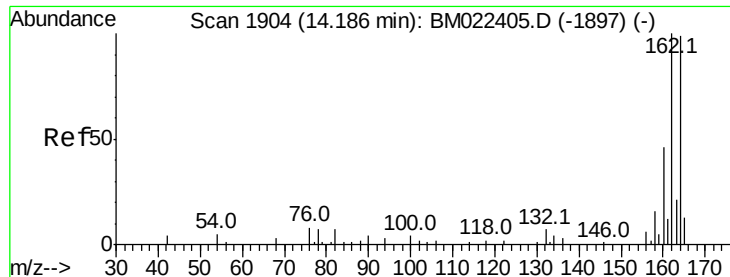


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

Instrument :

BNA_M

ClientSampleId :

NB-07-082619RE

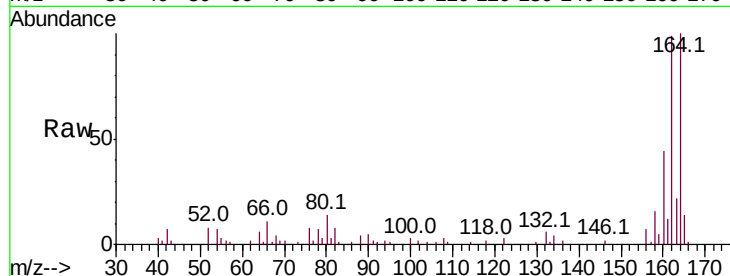
Tot Ion:164 Resp: 44026

Ion Ratio Lower Upper

164 100

162 98.5 80.6 121.0

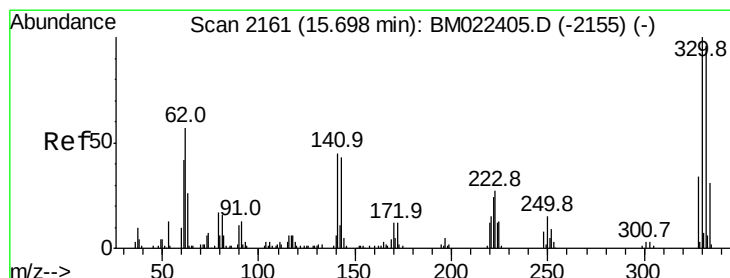
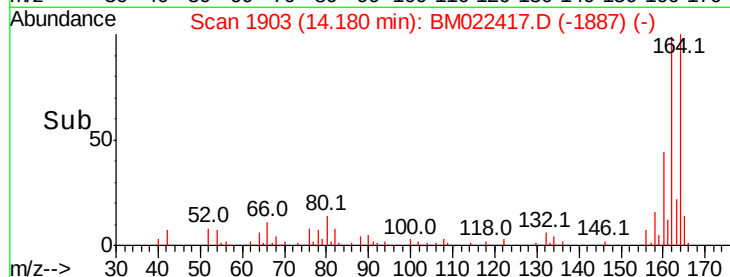
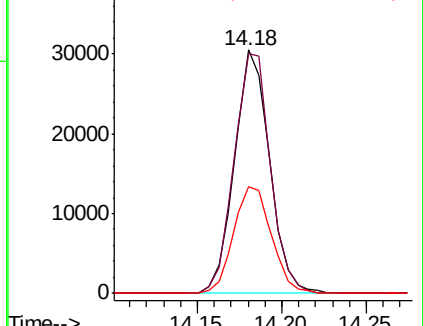
160 43.7 37.3 55.9



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: 46.639 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

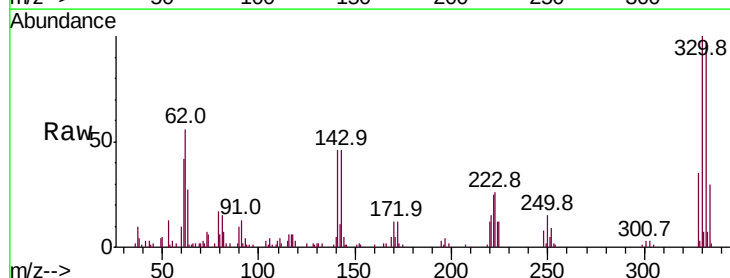
Tgt Ion:330 Resp: 42017

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

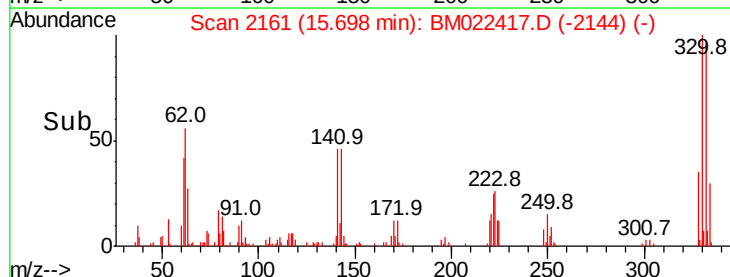
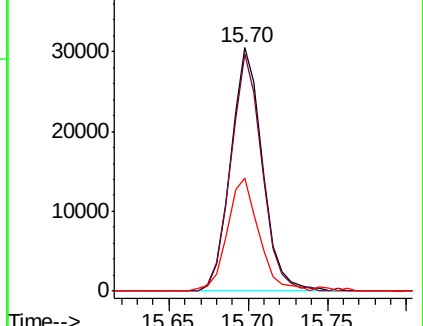
141 46.3 35.6 53.4

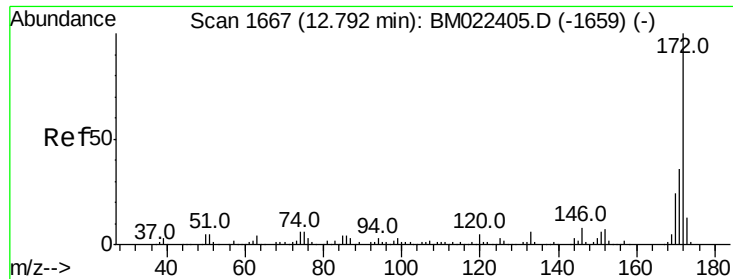


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

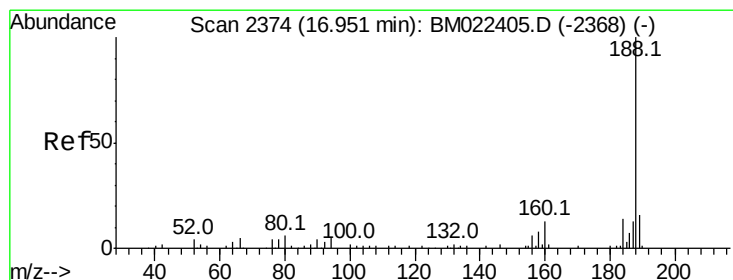
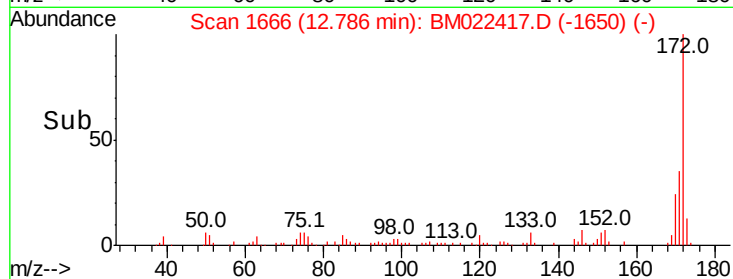
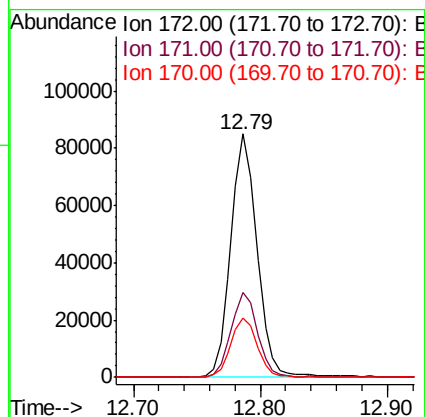
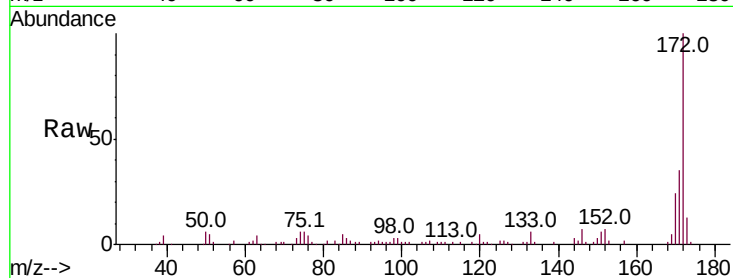




#45
 2-Fluorobiphenyl
 Concen: 31.429 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022417.D
 Acq: 29 Aug 2019 20:47

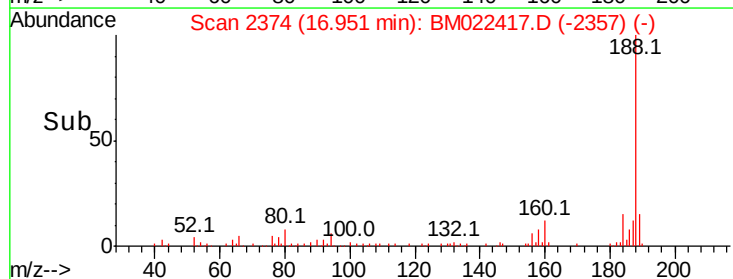
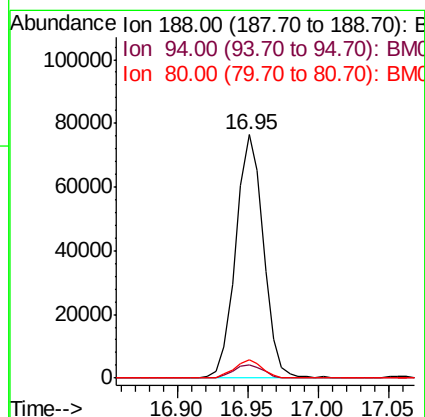
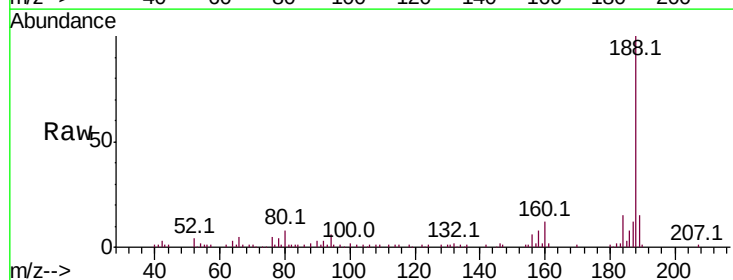
Instrument :
 BNA_M
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 NB-07-082619RE

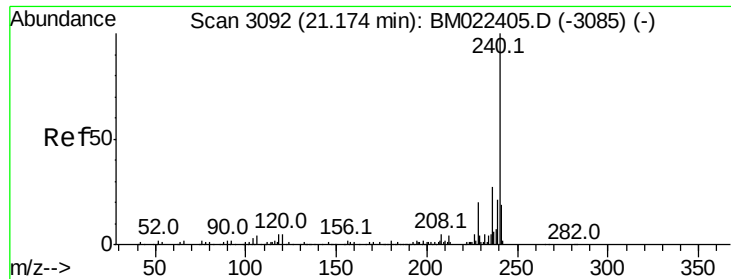
Tot Ion:172 Resp: 122144
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.2 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.95 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BM022417.D
 Acq: 29 Aug 2019 20:47

Tgt Ion:188 Resp: 104516
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.4 6.6
 80 7.5 5.0 7.6

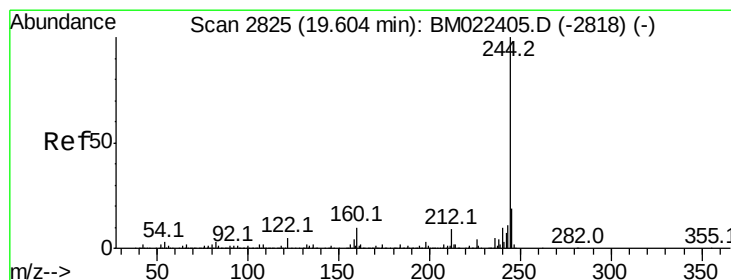
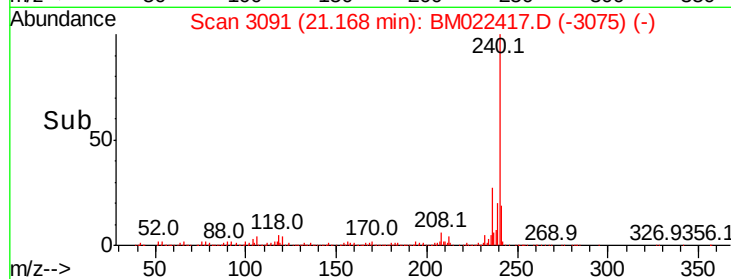
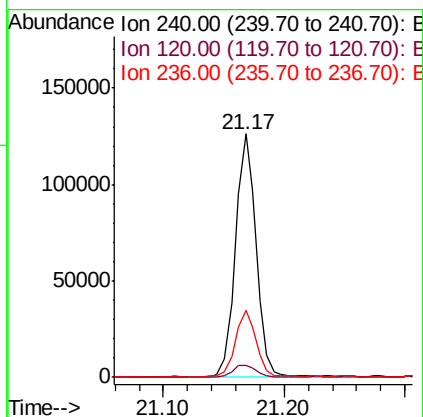
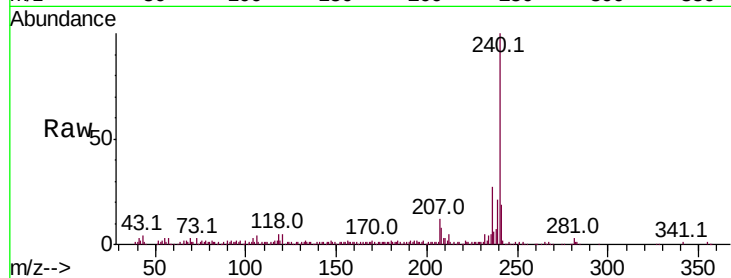




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022417.D
Acq: 29 Aug 2019 20:47

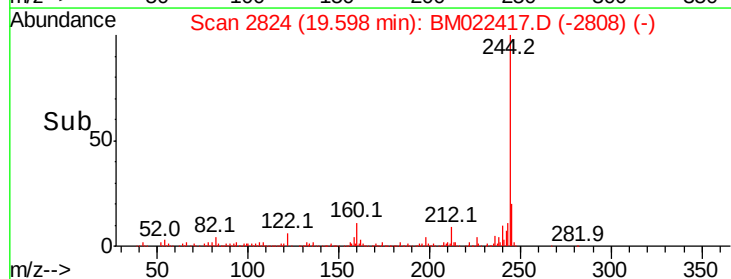
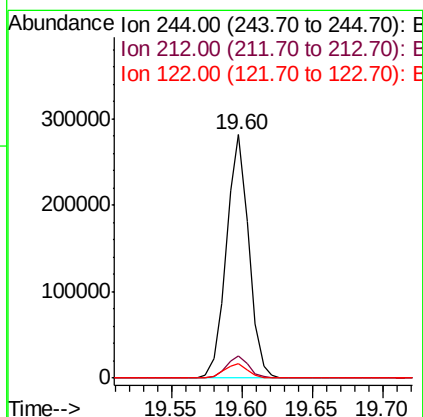
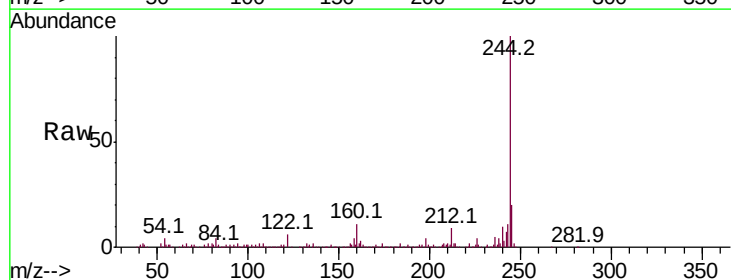
Instrument :
BNA_M
ClientSampleId :
NB-07-082619RE

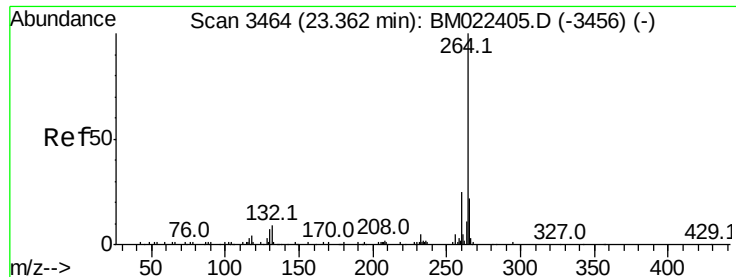
Tot Ion:240 Resp: 151653
Ion Ratio Lower Upper
240 100
120 4.6 3.9 5.9
236 27.3 21.4 32.2



#79
Terphenyl-d14
Concen: 26.861 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022417.D
Acq: 29 Aug 2019 20:47

Tgt Ion:244 Resp: 308663
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.4
122 5.9 3.9 5.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022417.D

Acq: 29 Aug 2019 20:47

Instrument :

BNA_M

ClientSampleId :

NB-07-082619RE

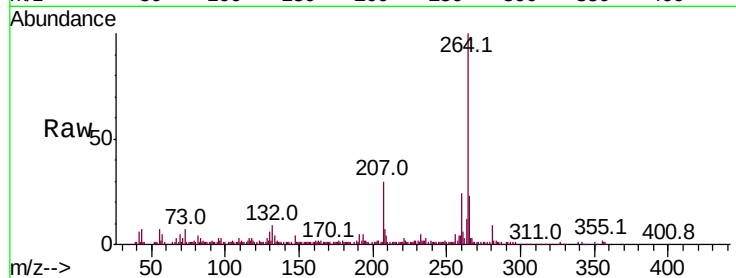
Tot Ion:264 Resp: 186086

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.2

265 22.6 18.2 27.2



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

