

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022454.D
 Acq On : 30 Aug 2019 23:10
 Operator : HP/JU
 Sample : K4562-03 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-20-22

Quant Time: Aug 31 01:11:19 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	18633	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	65847	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	41079	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	93853	20.00	ng	0.00
76) Chrysene-d12	21.17	240	142909	20.00	ng	0.00
87) Perylene-d12	23.36	264	188258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	8288	7.81	ng	0.00
7) Phenol-d6	6.73	99	8383	5.91	ng	0.01
23) Nitrobenzene-d5	8.71	82	5697	3.79	ng	0.01
42) 2,4,6-Tribromophenol	15.71	330	4349	5.17	ng	0.01
45) 2-Fluorobiphenyl	12.79	172	12443	3.43	ng	0.00
79) Terphenyl-d14	19.60	244	28936	2.67	ng	0.00

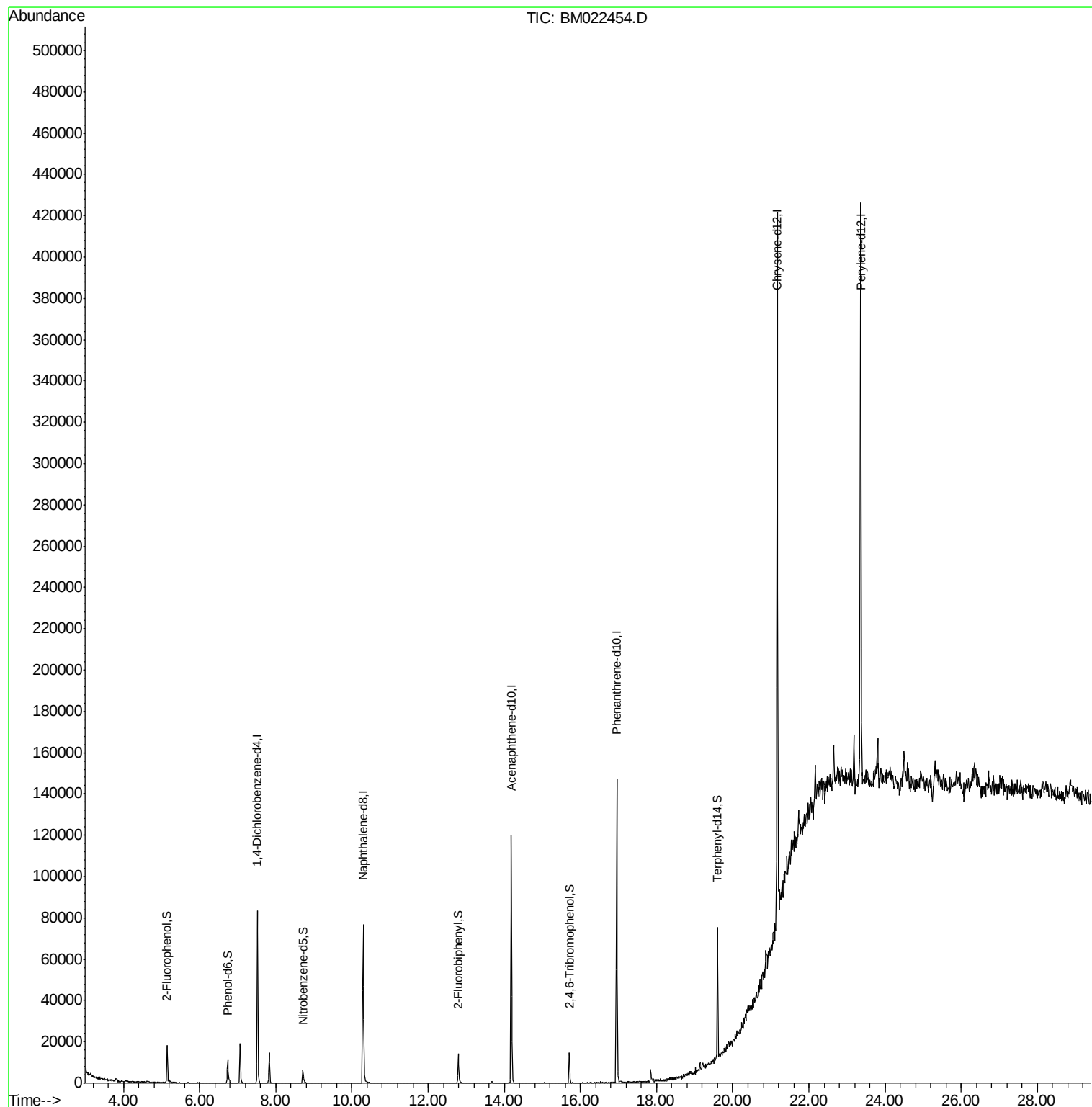
Target Compounds Qvalue

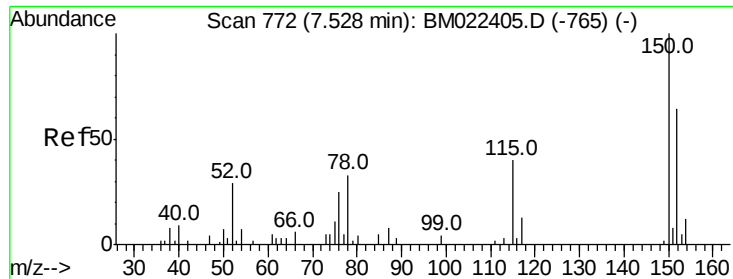
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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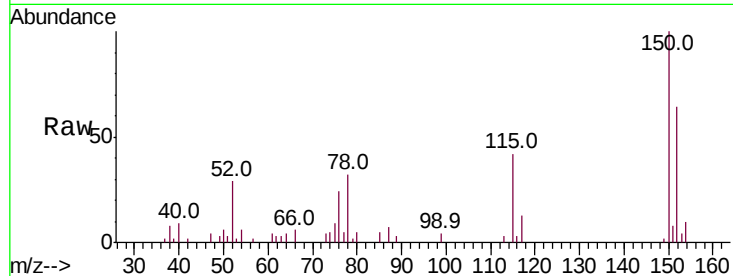


#1

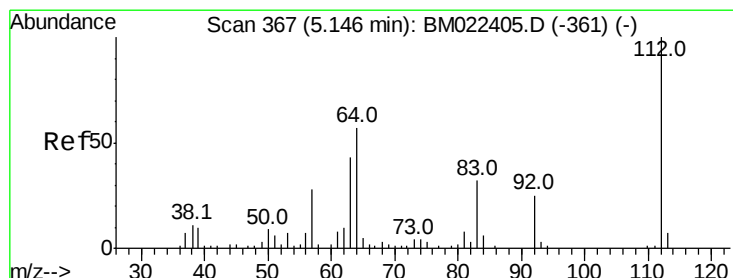
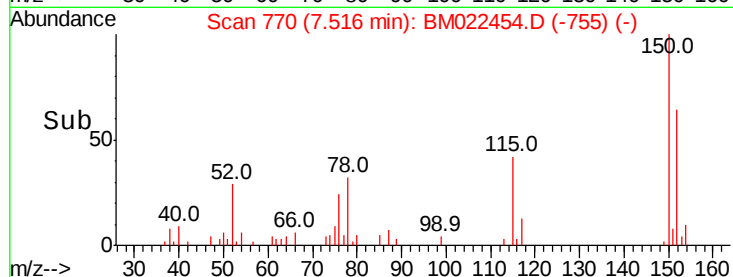
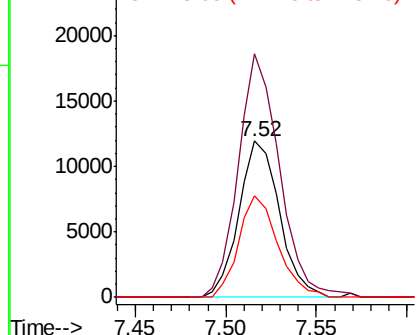
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022454.D
Acq: 30 Aug 2019 23:10

Instrument :
BNA_M
ClientSampleId :
SB-02-20-22

Tot Ion:152 Resp: 18633
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.0
115 65.2 50.3 75.5



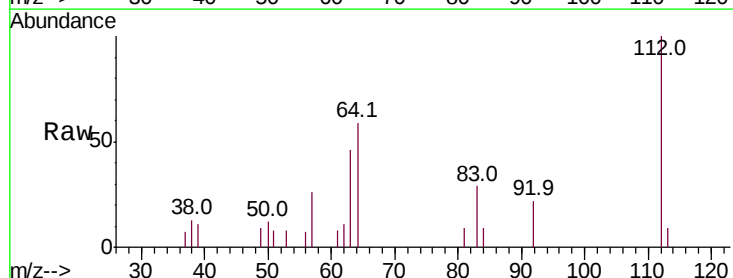
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



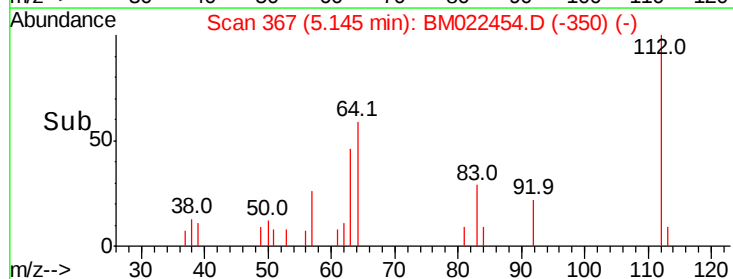
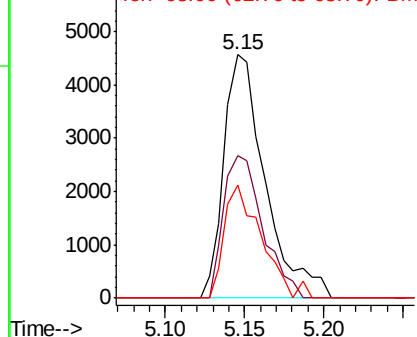
#5

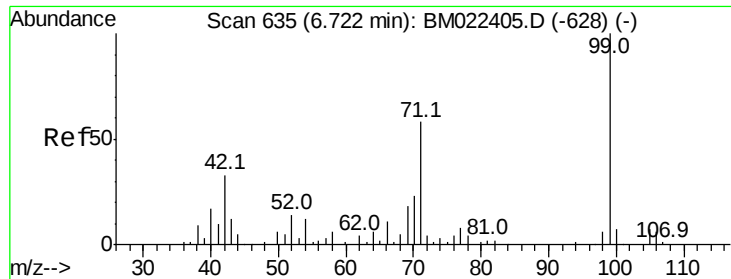
2-Fluorophenol
Concen: 7.808 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022454.D
Acq: 30 Aug 2019 23:10

Tgt Ion:112 Resp: 8288
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 46.3 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: 5.906 ng

RT: 6.73 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM022454.D

Acq: 30 Aug 2019 23:10

Instrument :

BNA_M

ClientSampleId :

SB-02-20-22

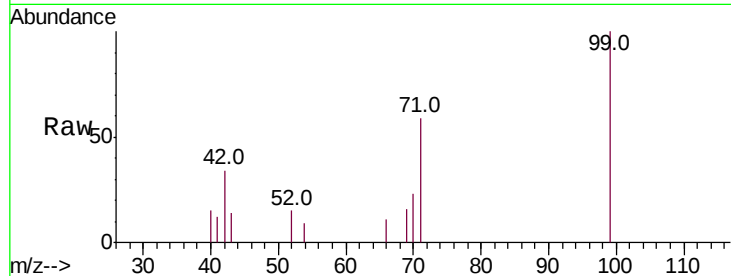
Tot Ion: 99 Resp: 8383

Ion Ratio Lower Upper

99 100

42 34.4 26.3 39.5

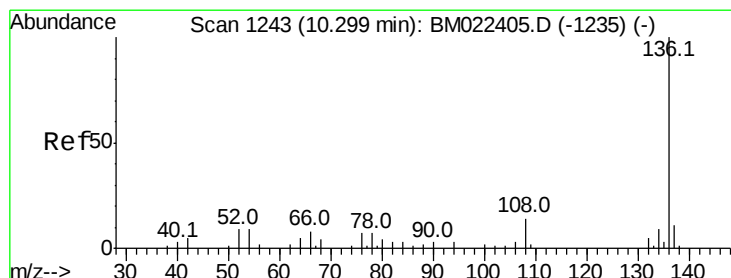
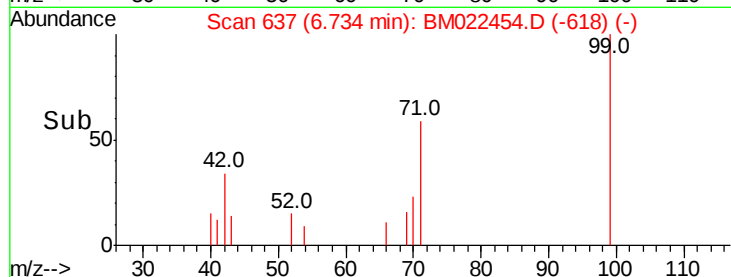
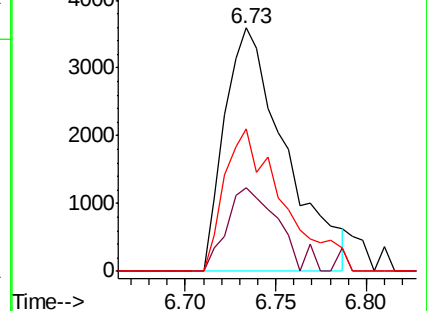
71 58.6 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022405.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM022405.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM022405.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022454.D

Acq: 30 Aug 2019 23:10

Tgt Ion: 136 Resp: 65847

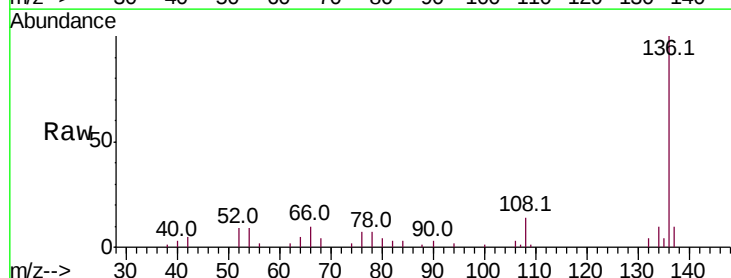
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 8.9 7.0 10.6

68 4.4 2.9 4.3#

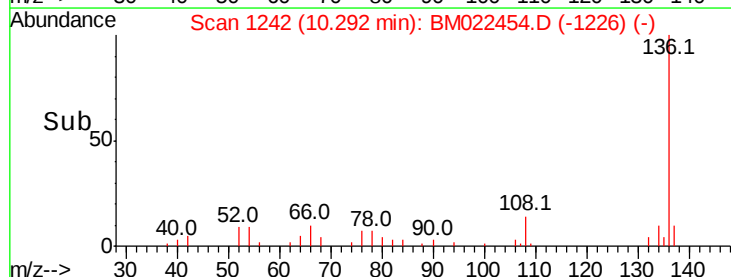
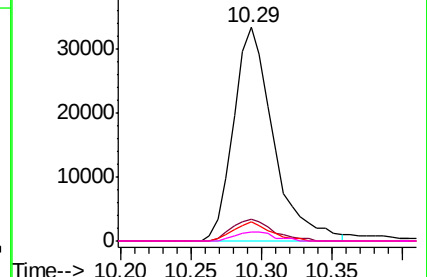


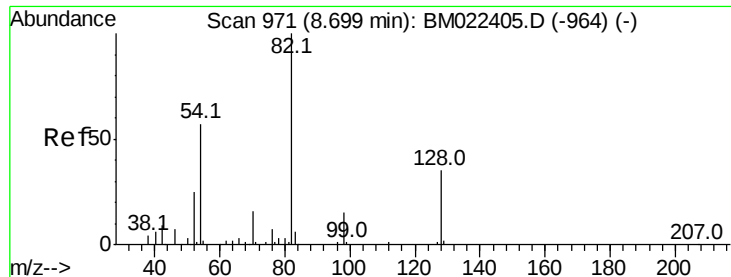
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM022405.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM022405.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM022405.D (-1235) (-)

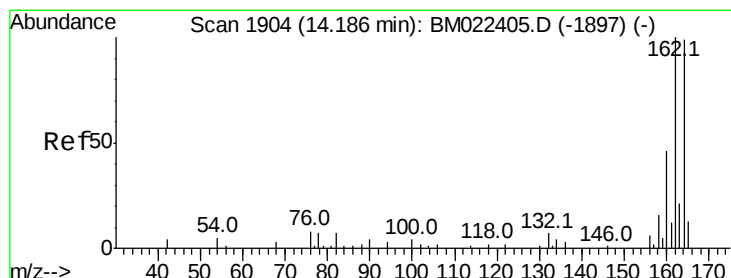
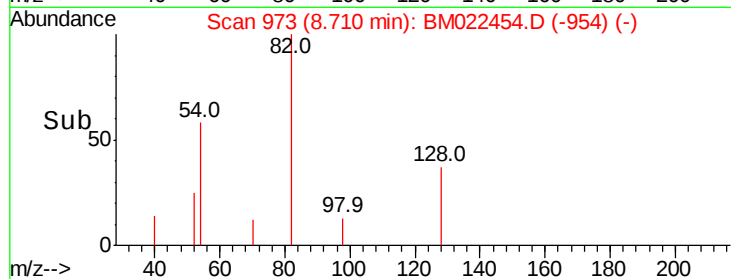
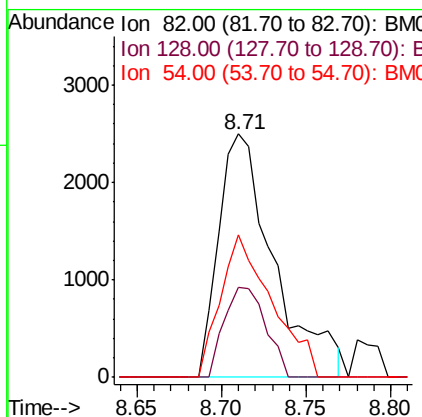
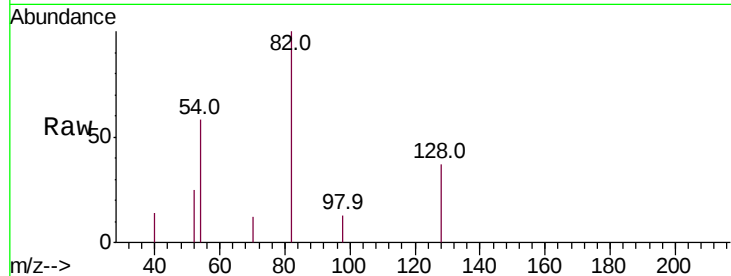




#23
 Nitrobenzene-d5
 Concen: 3.790 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

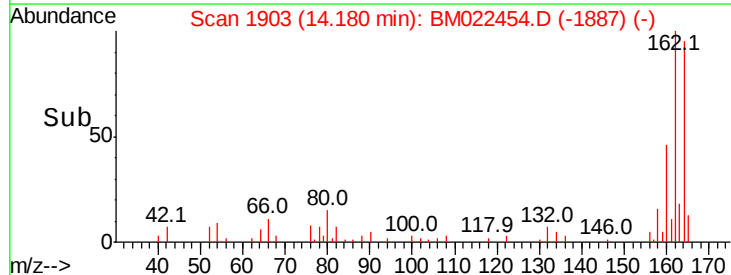
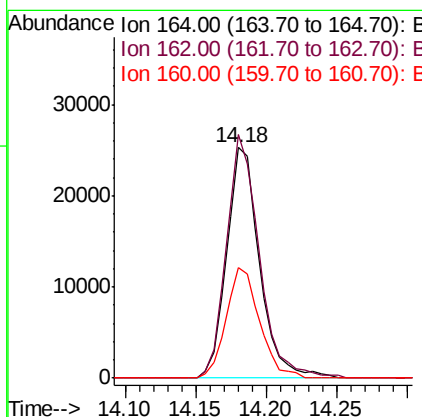
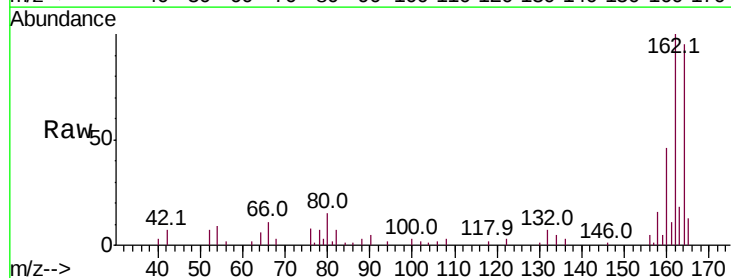
Instrument :
 BNA_M
 ClientSampleId :
 SB-02-20-22

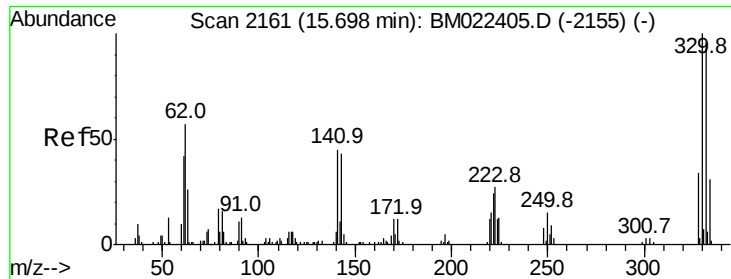
Tot Ion	82	Resp	5697
Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.9	41.9
54	58.4	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

Tgt Ion	164	Resp	41079
Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	121.0
160	48.0	37.3	55.9

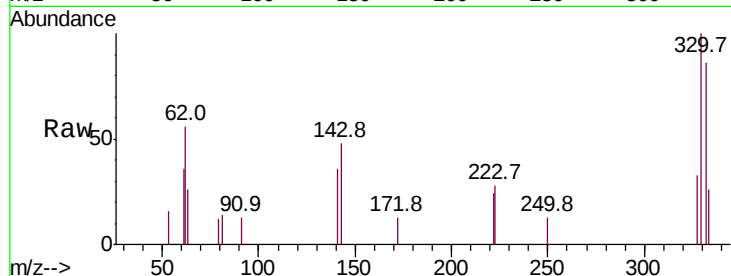




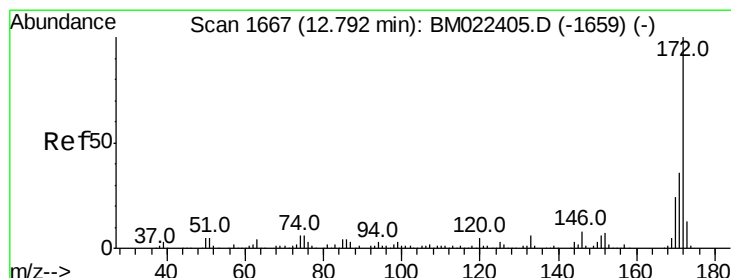
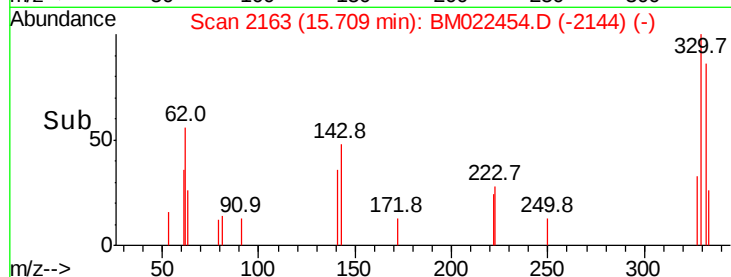
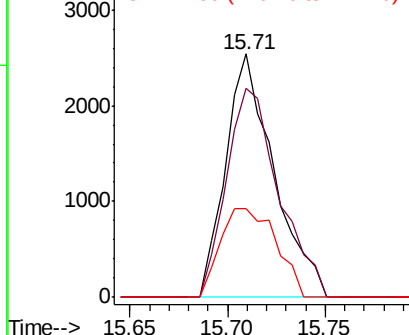
#42
 2,4,6-Tribromophenol
 Concen: 5.174 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-20-22

Tot Ion:330 Resp: 4349
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.8 116.8
 141 42.3 35.6 53.4

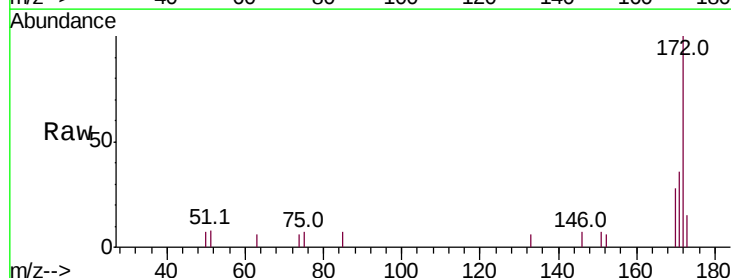


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

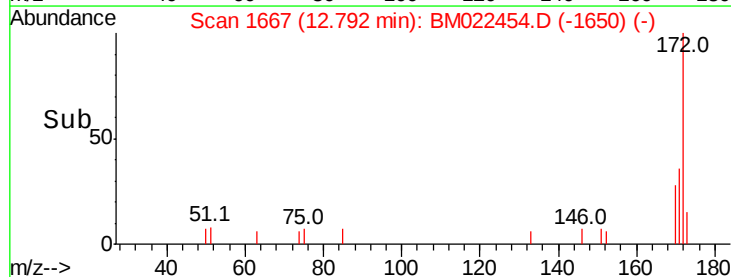
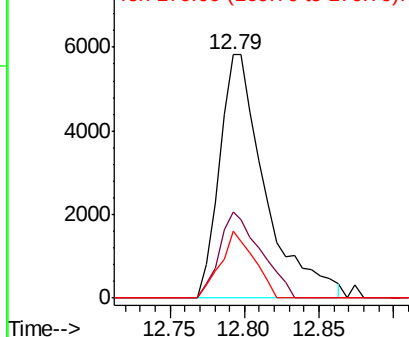


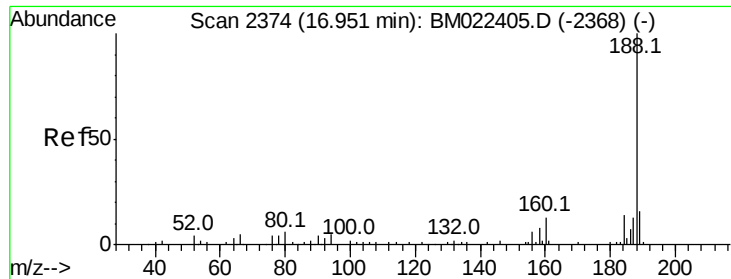
#45
 2-Fluorobiphenyl
 Concen: 3.431 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

Tgt Ion:172 Resp: 12443
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 27.5 18.9 28.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM022454.D

Acq: 30 Aug 2019 23:10

Instrument :

BNA_M

ClientSampleId :

SB-02-20-22

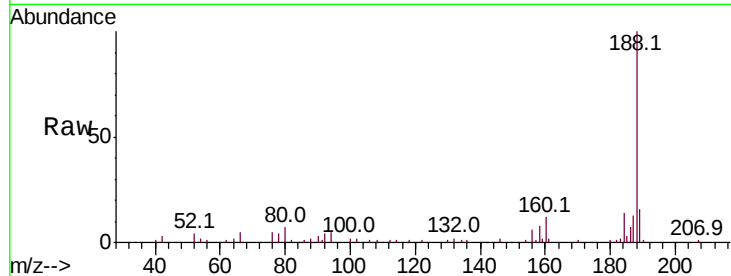
Tot Ion:188 Resp: 93853

Ion Ratio Lower Upper

188 100

94 5.1 4.4 6.6

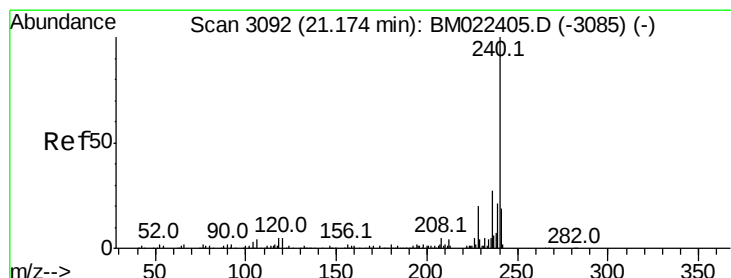
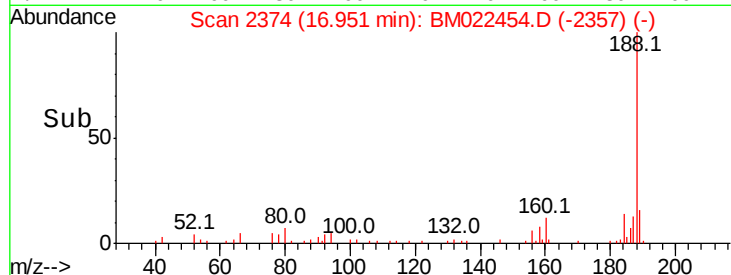
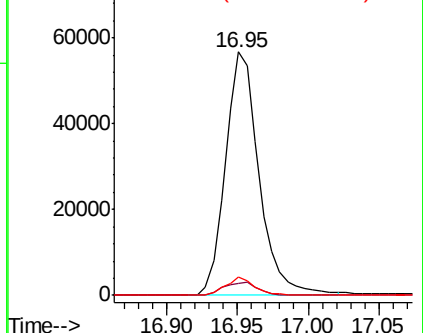
80 7.3 5.0 7.6



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: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022454.D

Acq: 30 Aug 2019 23:10

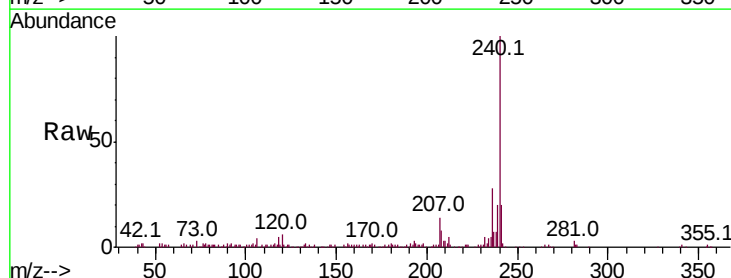
Tgt Ion:240 Resp: 142909

Ion Ratio Lower Upper

240 100

120 5.9 3.9 5.9

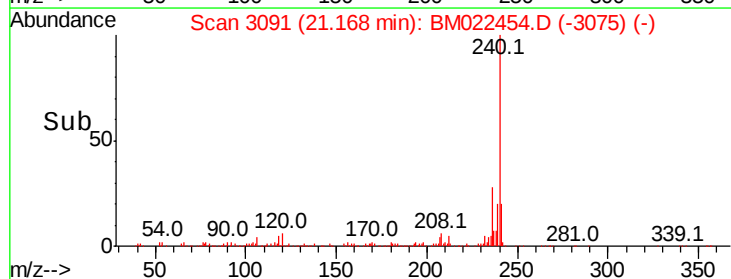
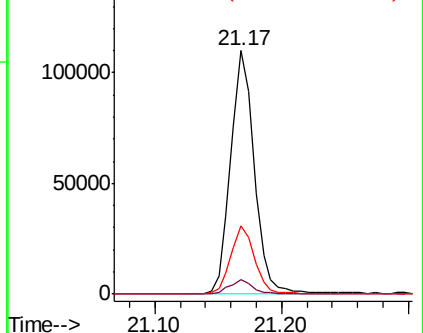
236 28.1 21.4 32.2

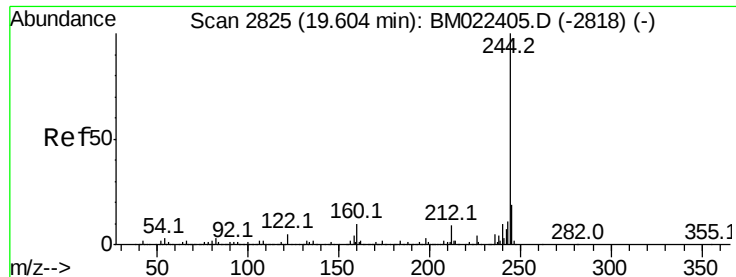


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

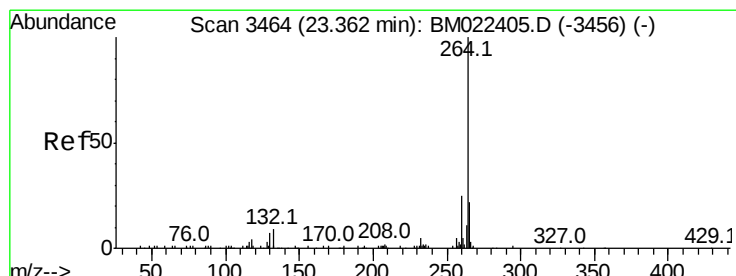
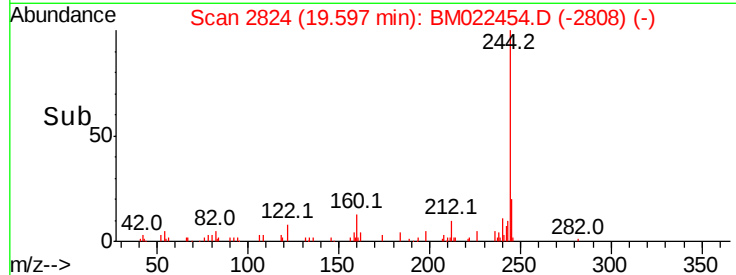
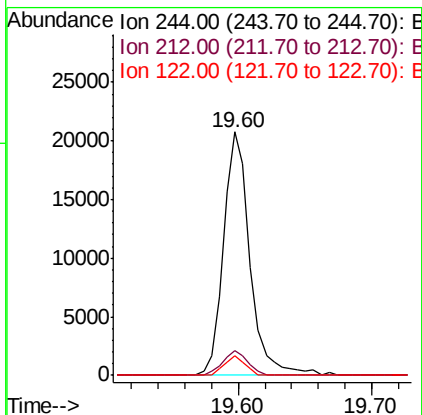
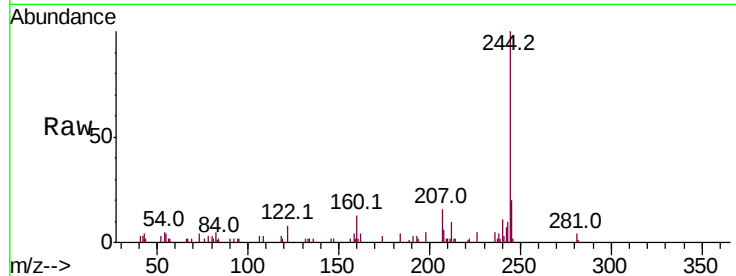




#79
 Terphenyl-d14
 Concen: 2.672 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

Instrument :
 BNA_M
 ClientSampled :
 SB-02-20-22

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.0	10.4
122	8.2	3.9	5.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.4	18.2	27.2

