

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 :

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

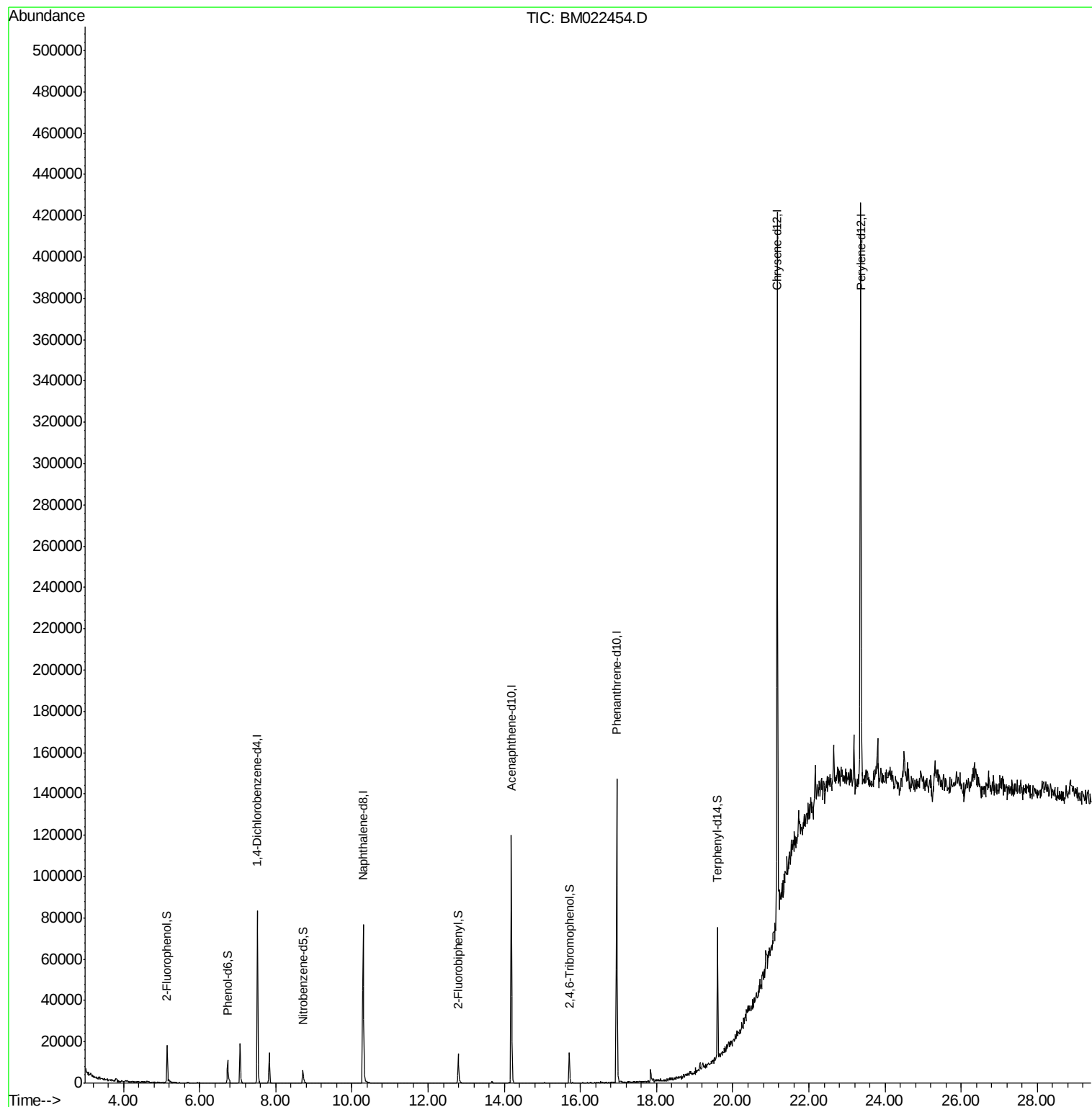
Target Compounds Qvalue

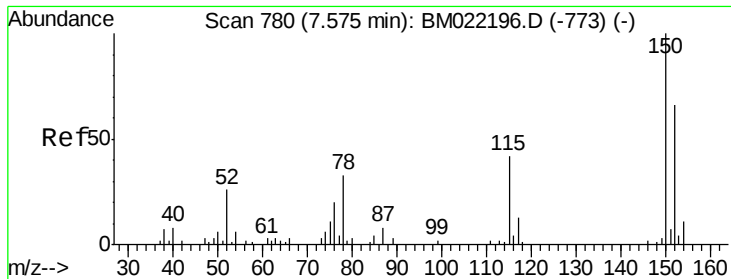
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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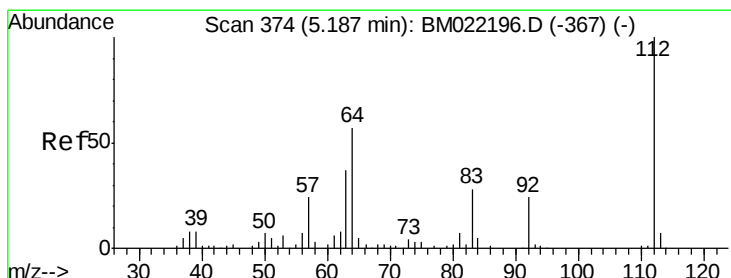
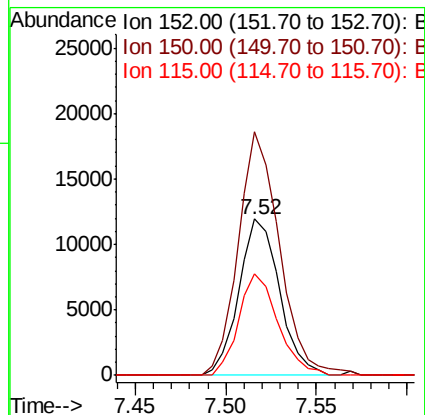
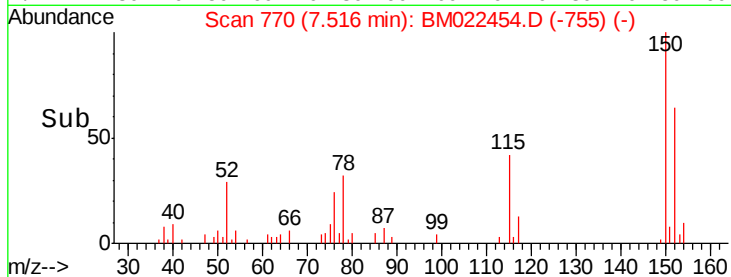
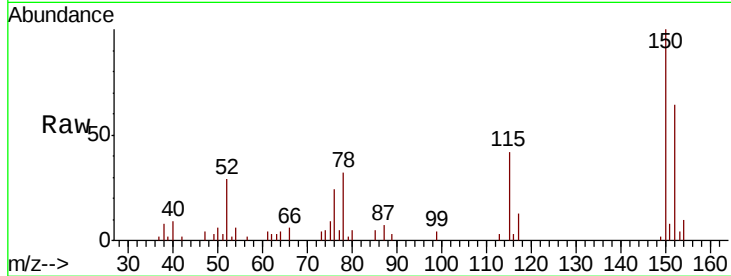


#1

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
 ClientSampled :

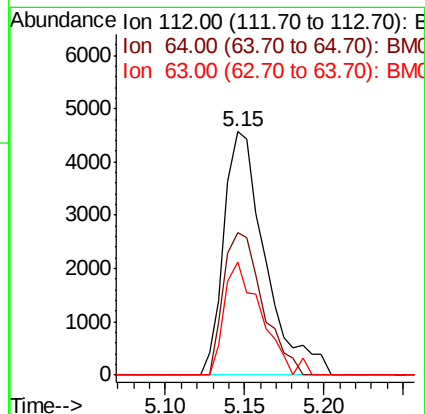
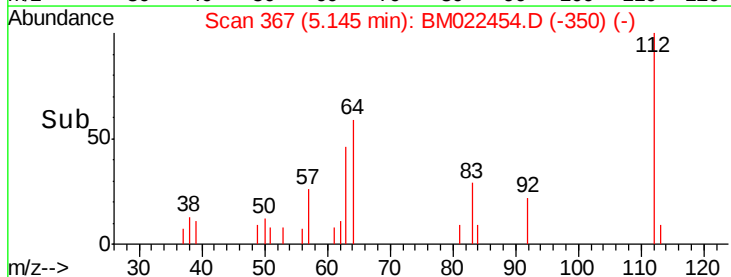
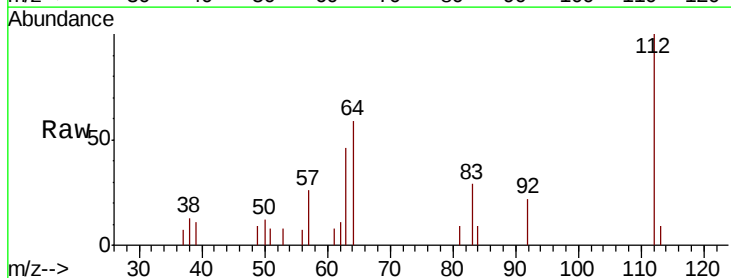
Tot Ion:152 Resp: 18633
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.4 188.0
 115 65.2 50.3 75.5

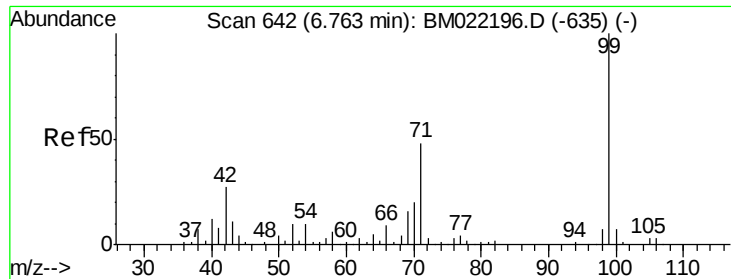


#5

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





#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

ClientSampled :

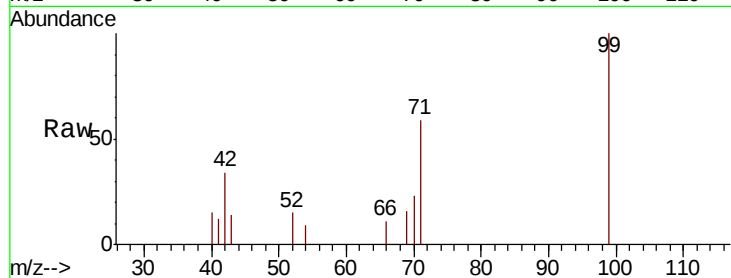
Tot Ion: 99 Resp: 8383

Ion Ratio Lower Upper

99 100

42 34.4 26.3 39.5

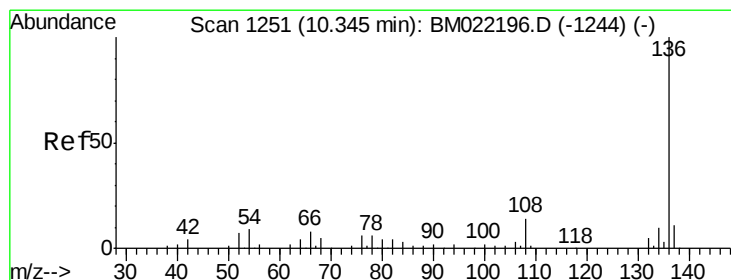
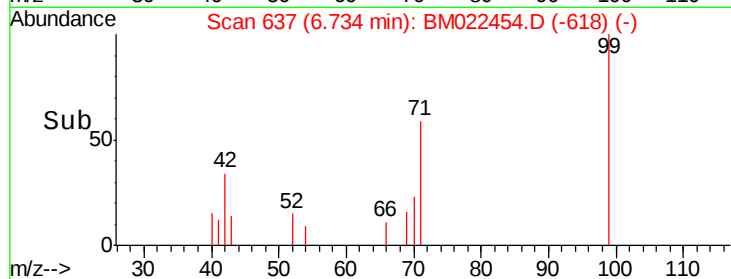
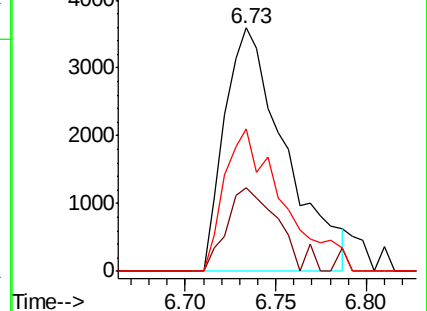
71 58.6 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#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

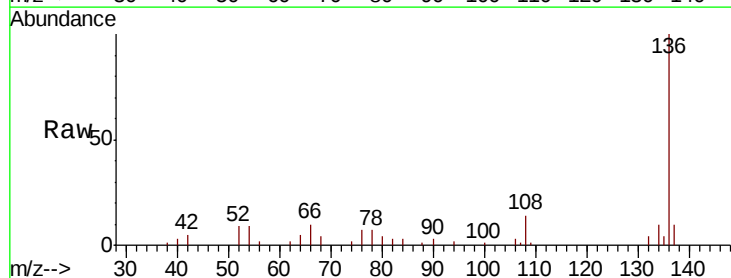
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 8.9 7.0 10.6

68 4.4 2.9 4.3#

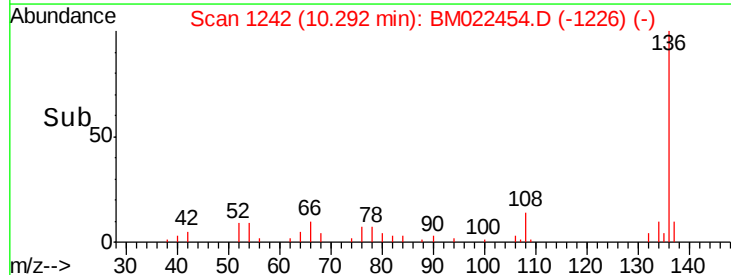
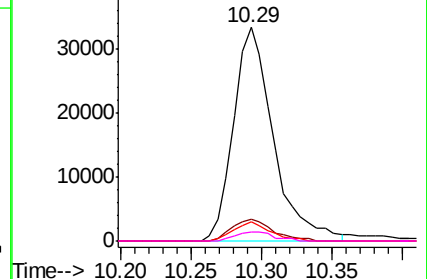


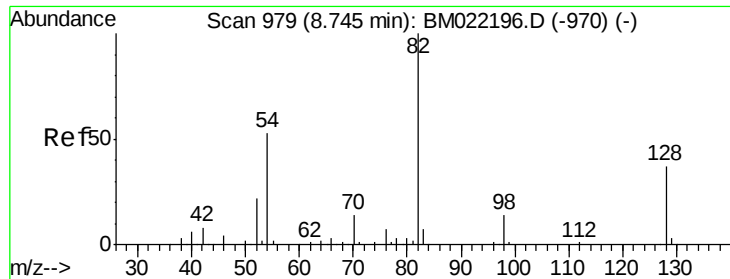
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

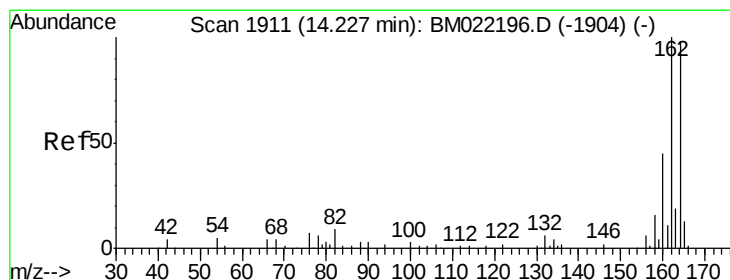
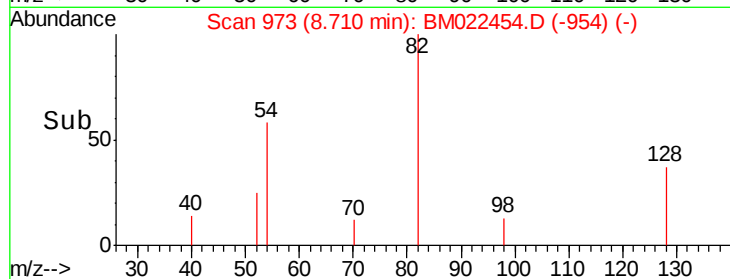
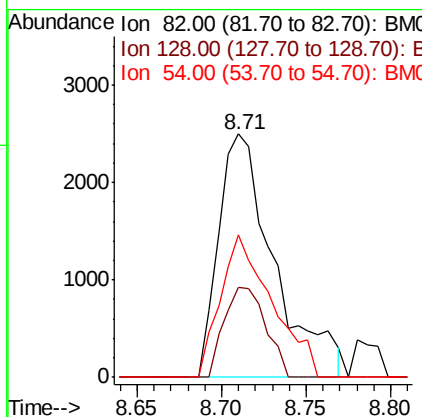
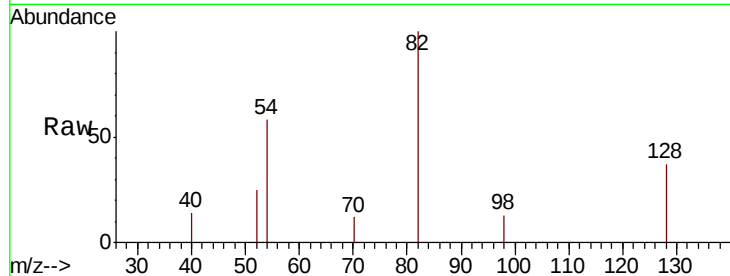




#23
 Nitrobenzene-d5
 Concen: 3.790 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM022454.D
 Acq: 30 Aug 2019 23:10

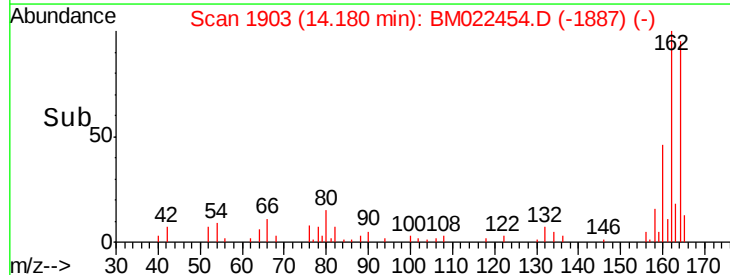
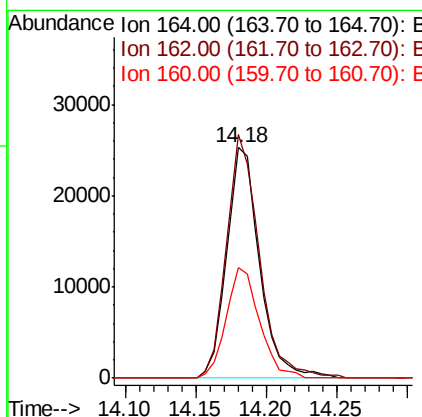
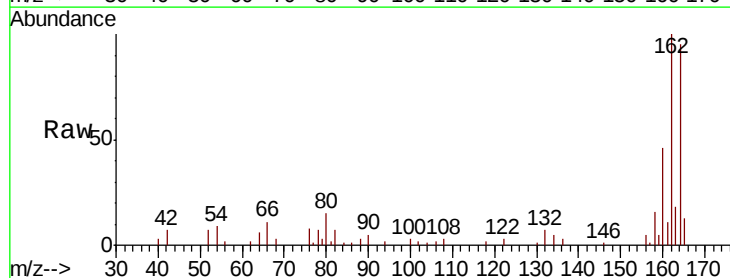
Instrument :
 BNA_M
 ClientSampleId :

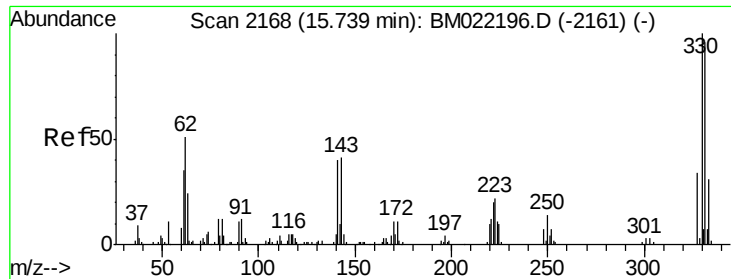
Tot Ion	82	Resp	5697
Ion Ratio	Lower	Upper	
82	100		
128	36.9	27.9	41.9
54	58.4	45.2	67.8



#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 :

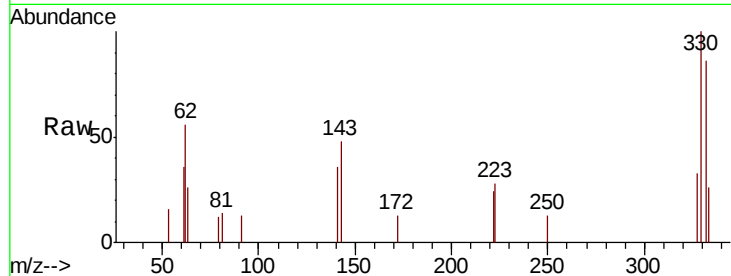
Tot Ion:330 Resp: 4349

Ion Ratio Lower Upper

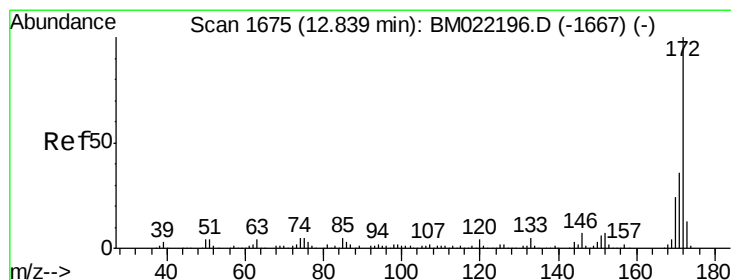
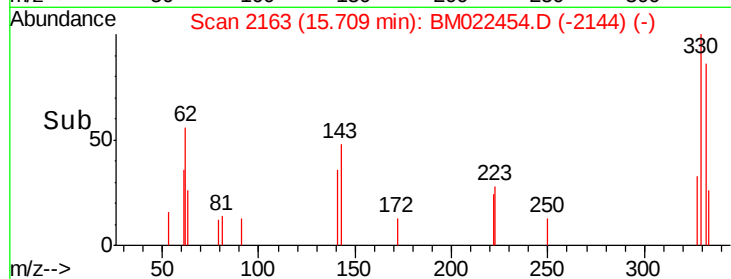
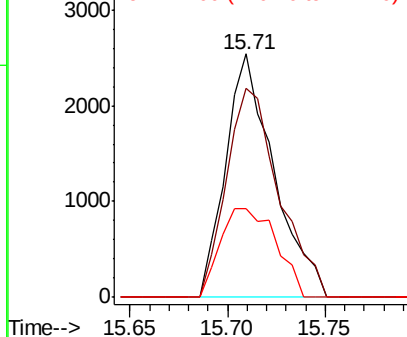
330 100

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

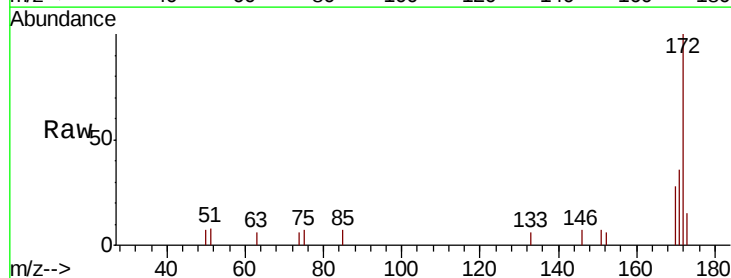
Tgt Ion:172 Resp: 12443

Ion Ratio Lower Upper

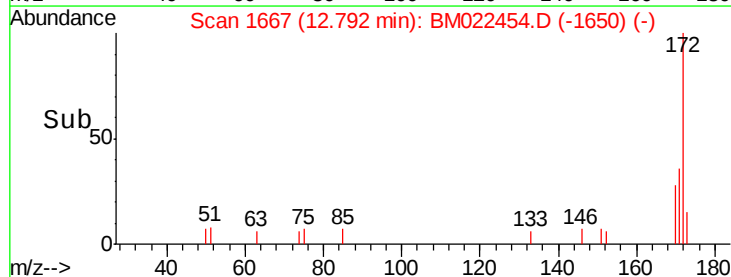
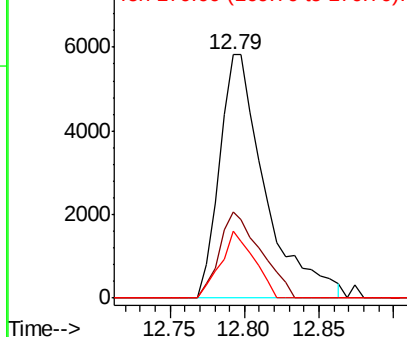
172 100

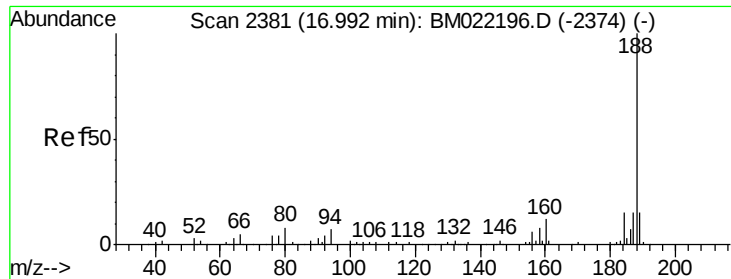
171 35.6 28.5 42.7

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

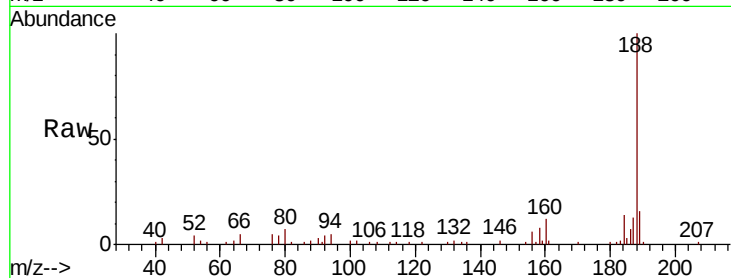




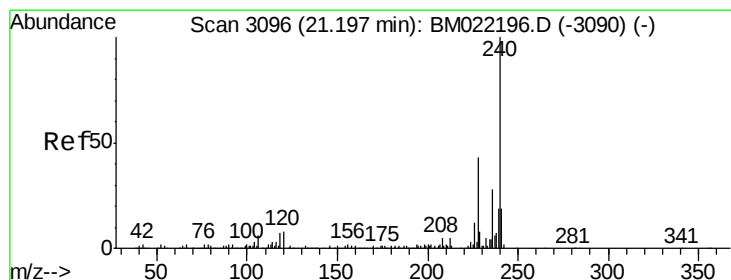
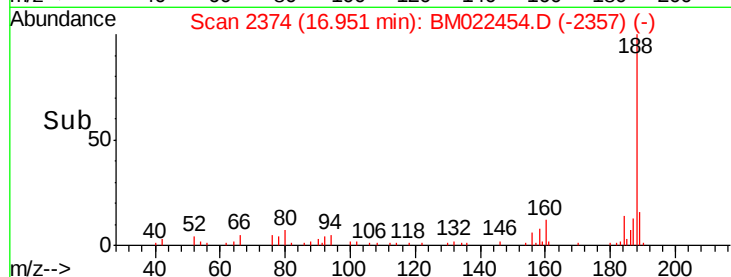
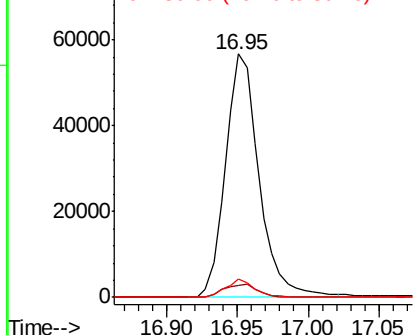
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022454.D
Acq: 30 Aug 2019 23:10

Instrument :
BNA_M
ClientSampled :

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

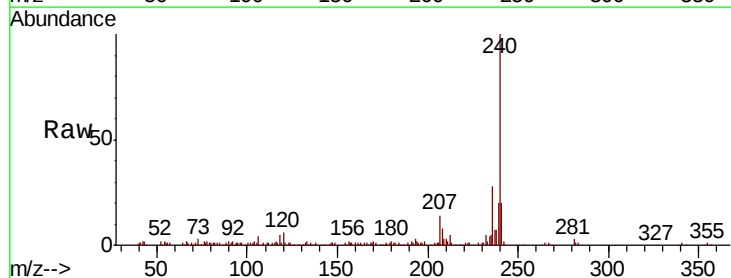


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

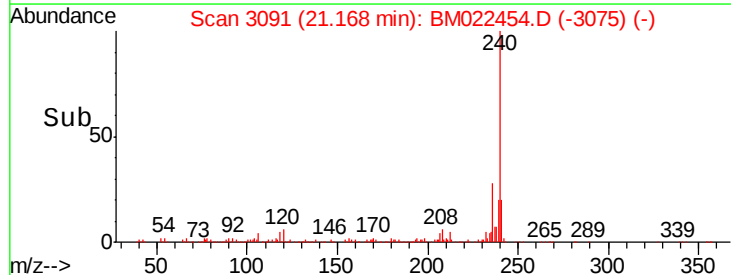
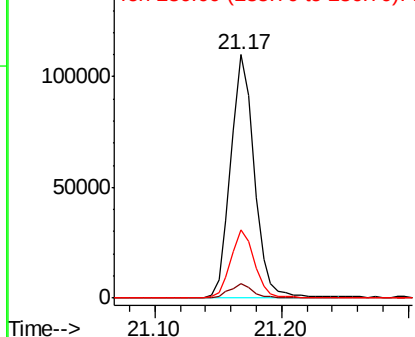


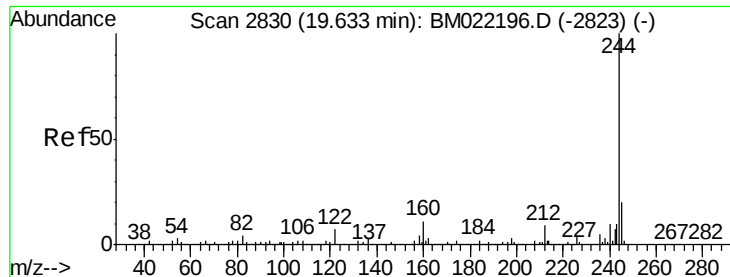
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022454.D
Acq: 30 Aug 2019 23:10

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 :

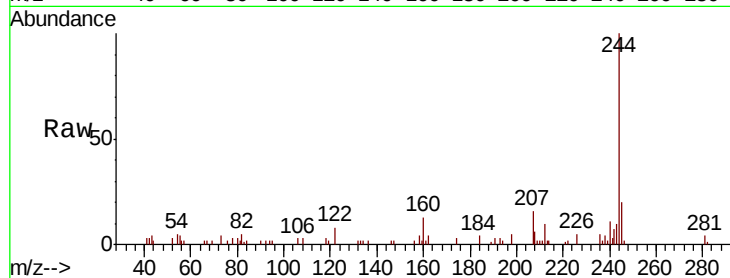
Tot Ion:244 Resp: 28936

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.4

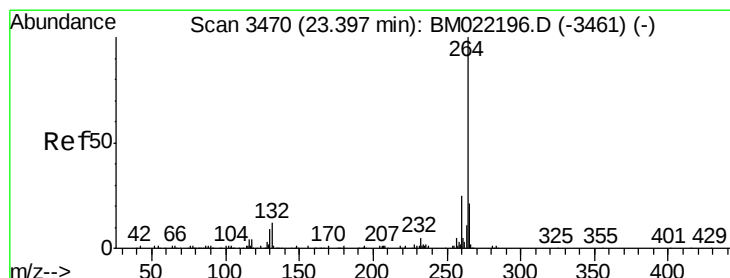
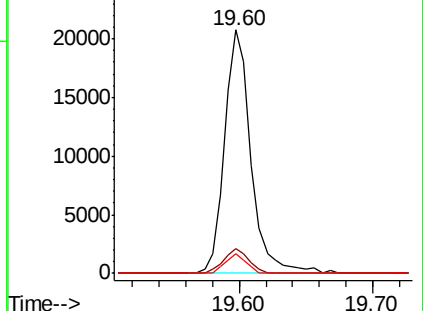
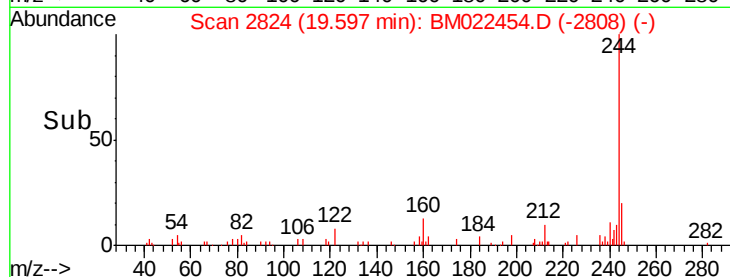
122 8.2 3.9 5.9#



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: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BM022454.D

Acq: 30 Aug 2019 23:10

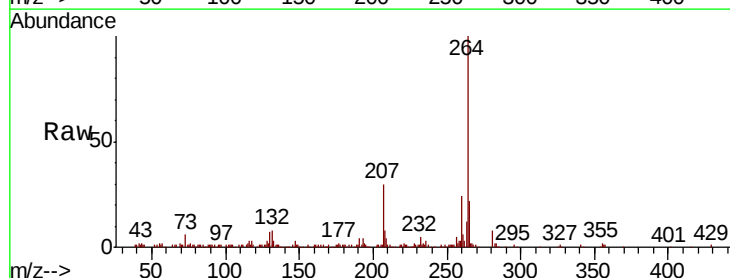
Tgt Ion:264 Resp: 188258

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

265 22.4 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

