

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022436.D
 Acq On : 30 Aug 2019 11:32
 Operator : HP/JU
 Sample : PB122622BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BL

Quant Time: Aug 30 14:27:29 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	21571	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	78805	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	53598	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	131281	20.00	ng	0.00
76) Chrysene-d12	21.17	240	176561	20.00	ng	0.00
87) Perylene-d12	23.36	264	196486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	172280	140.19	ng	0.00
7) Phenol-d6	6.72	99	223723	136.14	ng	0.00
23) Nitrobenzene-d5	8.70	82	152724	84.89	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	142935	130.32	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	386846	81.76	ng	0.00
79) Terphenyl-d14	19.60	244	1159270	86.65	ng	0.00

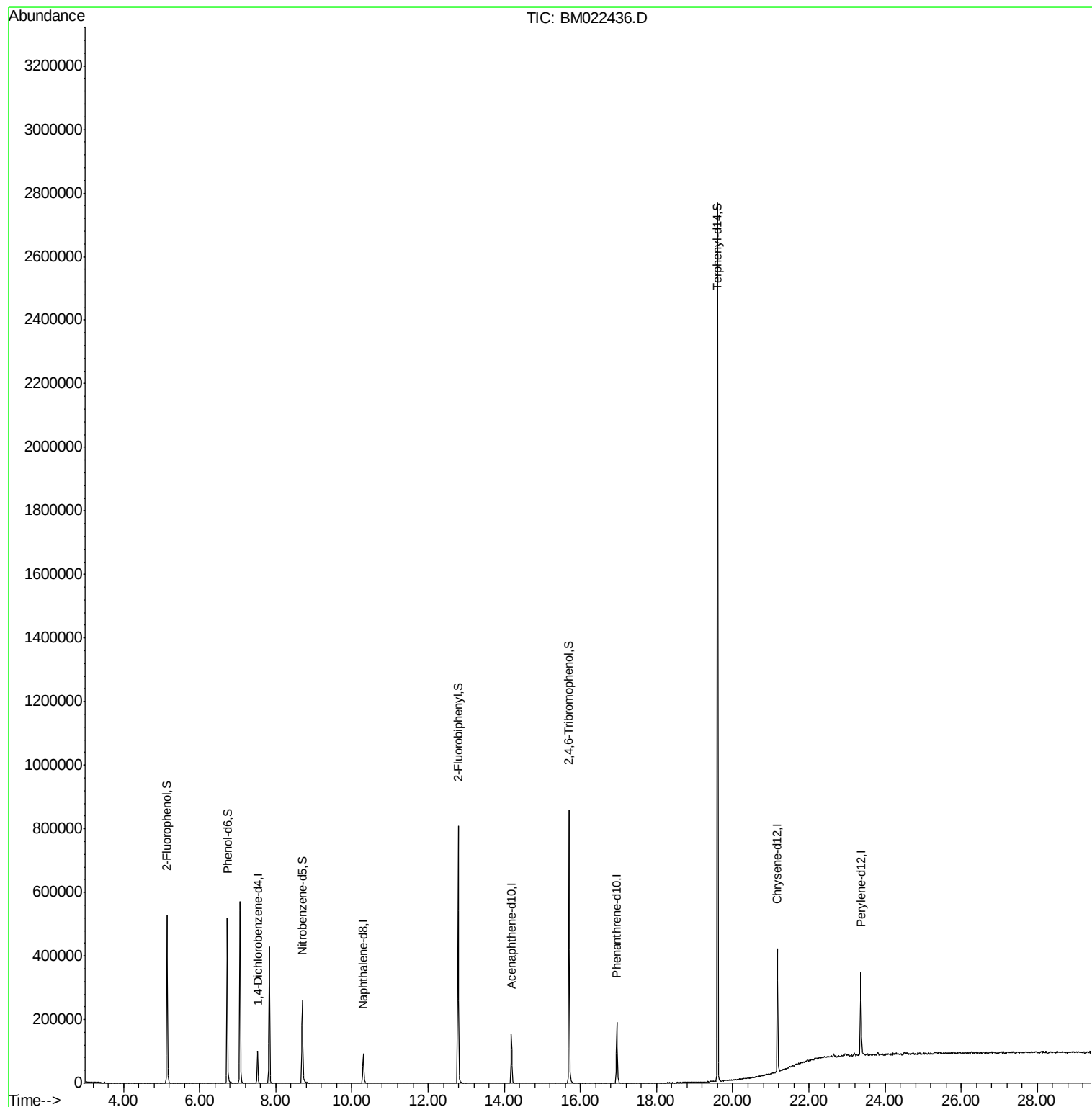
Target Compounds Qvalue

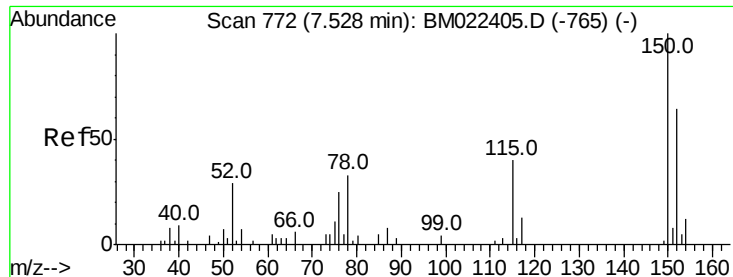
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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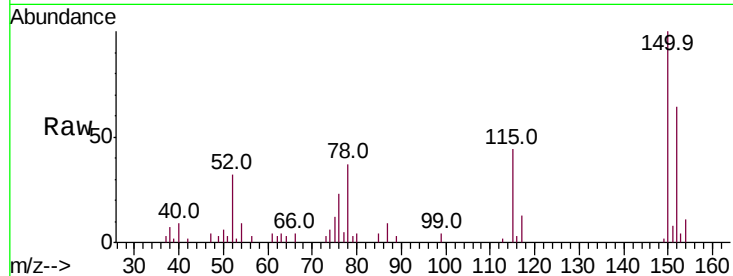


#1

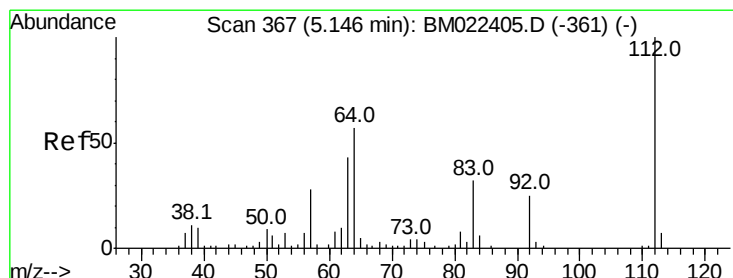
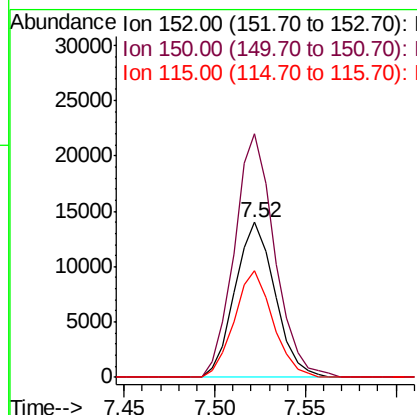
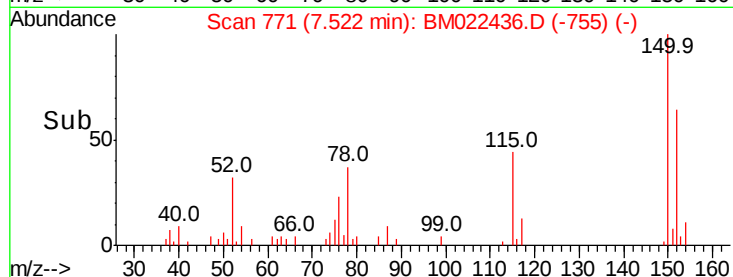
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BL

Tot Ion:152 Resp: 21571
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.4 188.0
 115 69.0 50.3 75.5



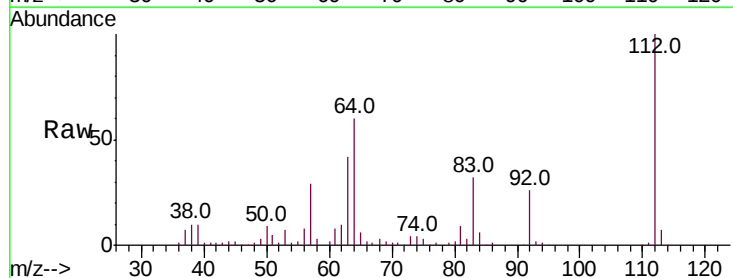
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



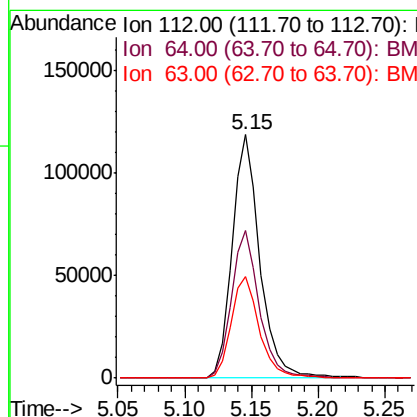
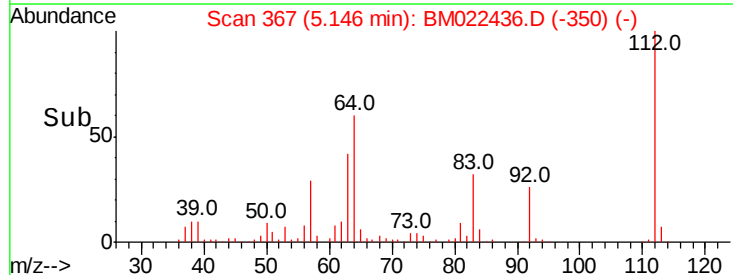
#5

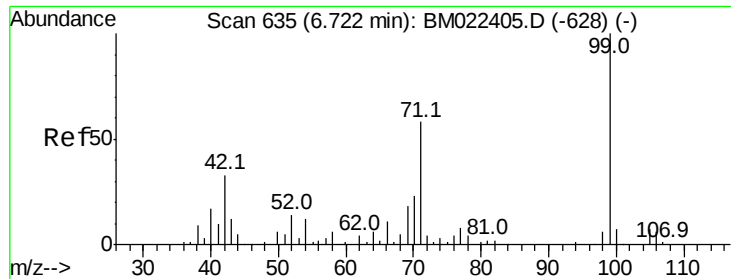
2-Fluorophenol
 Concen: 140.192 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Tgt Ion:112 Resp: 172280
 Ion Ratio Lower Upper
 112 100
 64 60.4 45.4 68.2
 63 41.6 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: 136.139 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022436.D

Acq: 30 Aug 2019 11:32

Instrument :

BNA_M

ClientSampleId :

PB122622BL

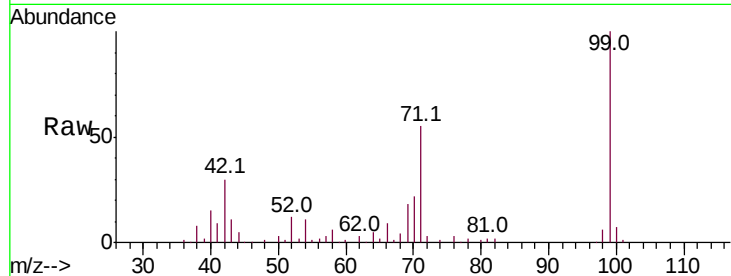
Tot Ion: 99 Resp: 223723

Ion Ratio Lower Upper

99 100

42 30.2 26.3 39.5

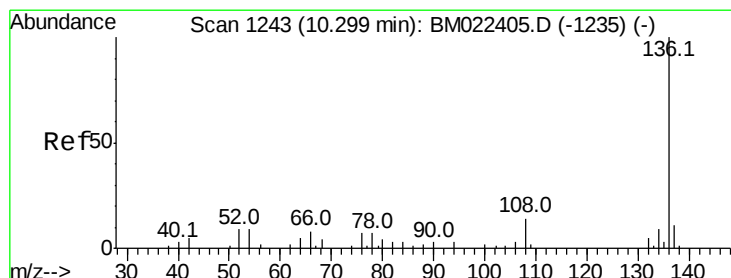
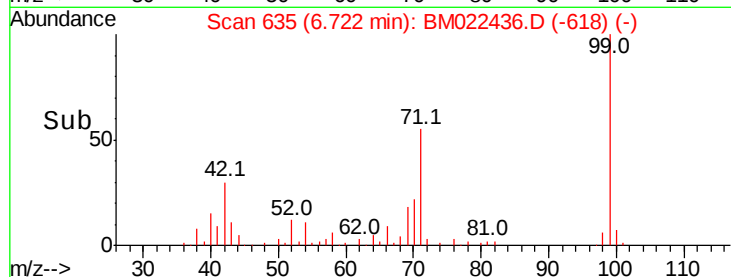
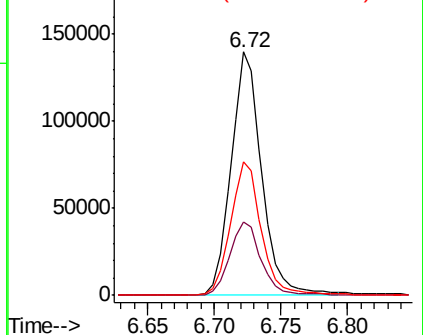
71 54.9 46.6 69.8



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: 10.30 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM022436.D

Acq: 30 Aug 2019 11:32

Tgt Ion: 136 Resp: 78805

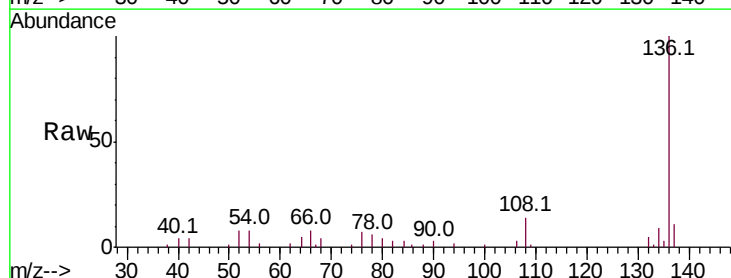
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.4 7.0 10.6

68 4.1 2.9 4.3

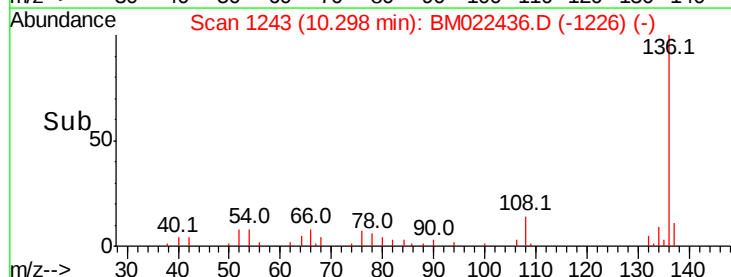
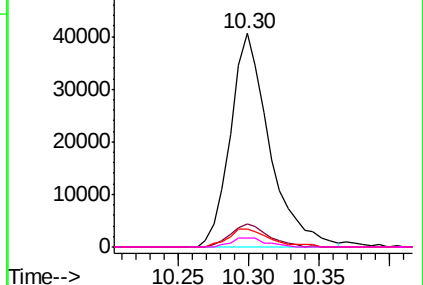


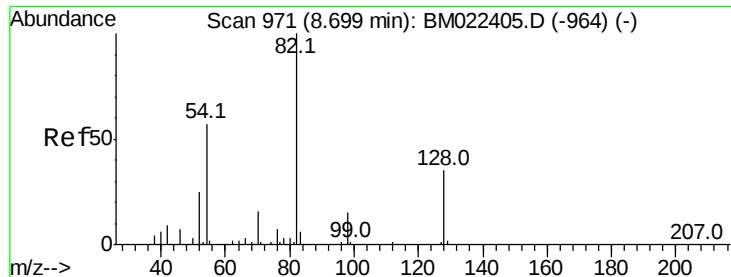
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

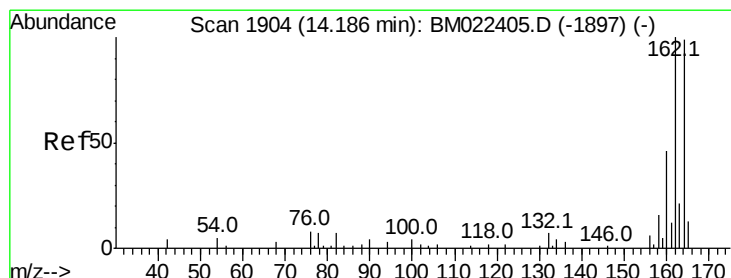
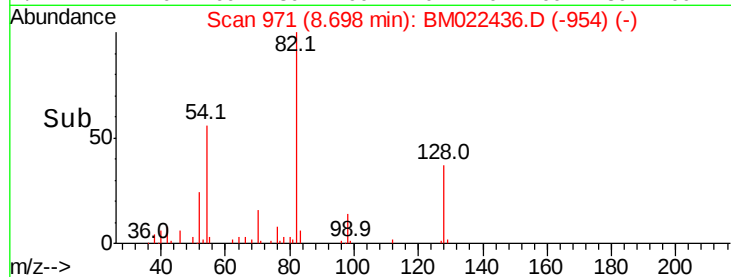
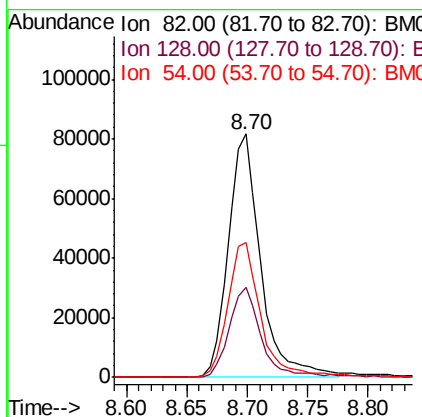
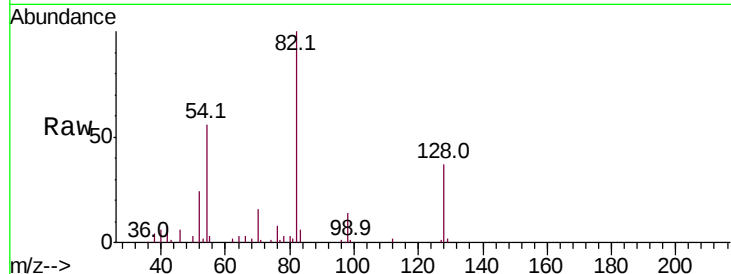




#23
 Nitrobenzene-d5
 Concen: 84.885 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

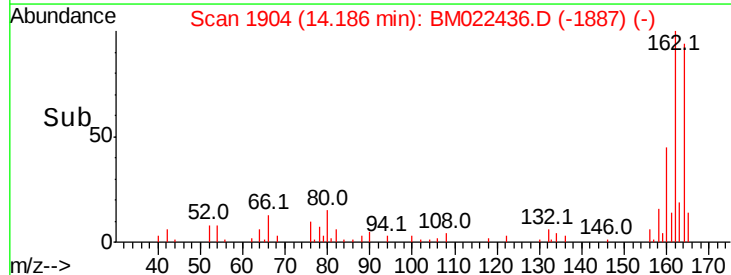
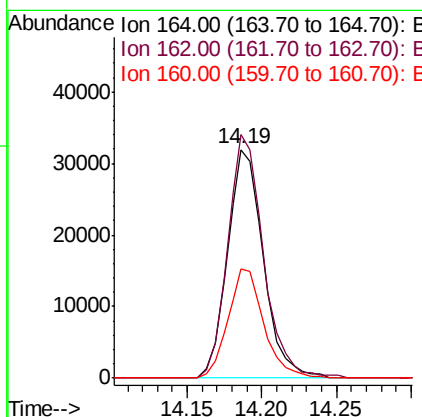
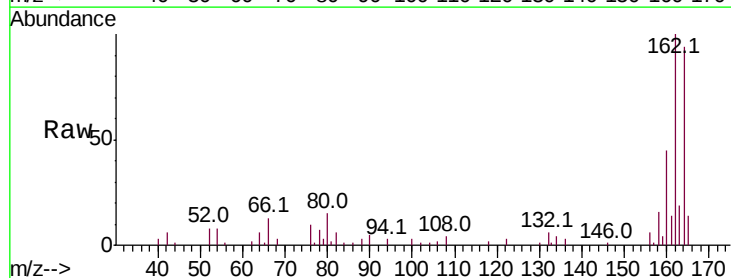
Instrument :
 BNA_M
 ClientSampleId :
 PB122622BL

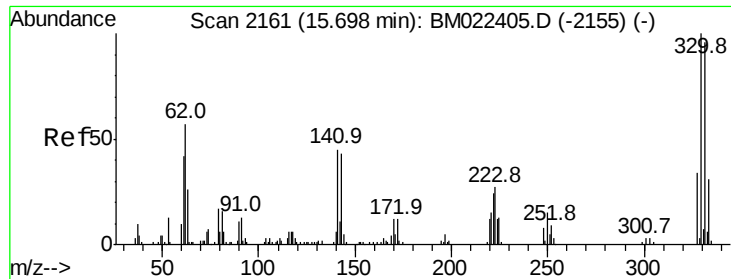
Tot Ion	82	Resp	152724
Ion Ratio	Lower	Upper	
82	100		
128	36.8	27.9	41.9
54	55.6	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Tgt Ion	164	Resp	53598
Ion Ratio	Lower	Upper	
164	100		
162	106.5	80.6	121.0
160	47.9	37.3	55.9

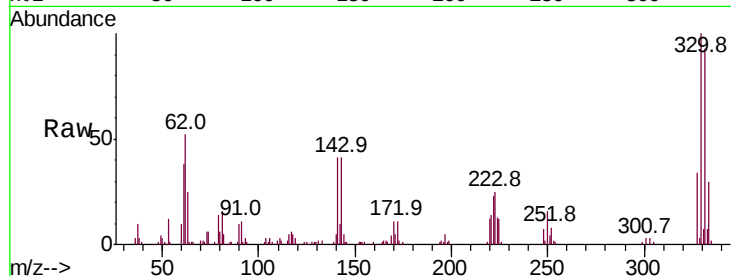




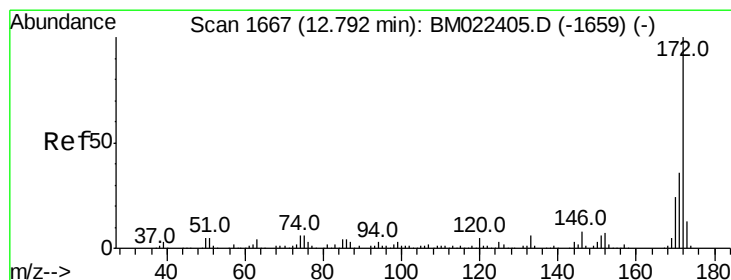
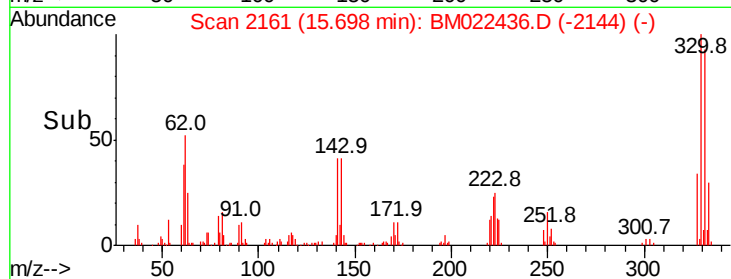
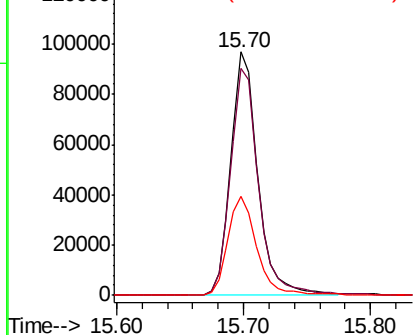
#42
 2,4,6-Tribromophenol
 Concen: 130.324 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.8
141	43.4	35.6	53.4

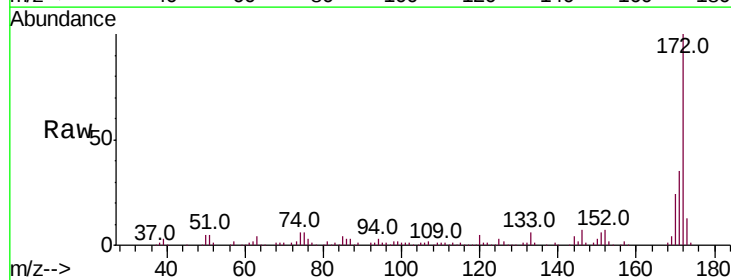


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

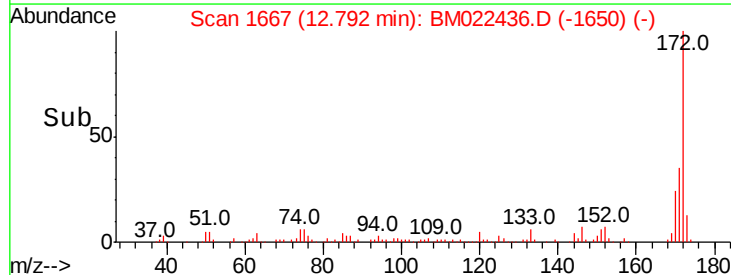
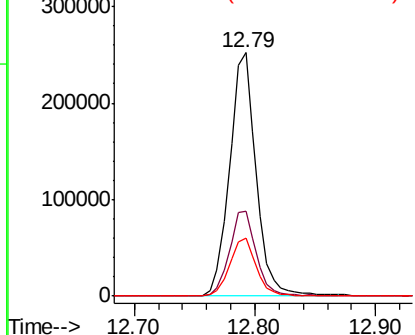


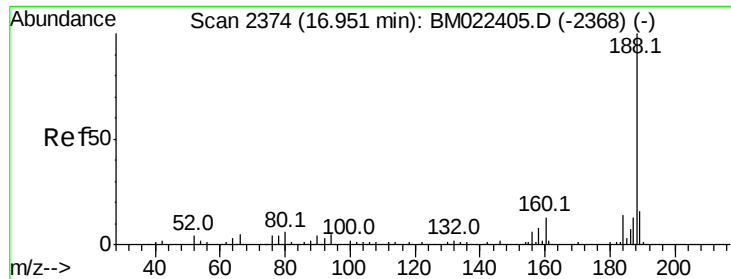
#45
 2-Fluorobiphenyl
 Concen: 81.764 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.0	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

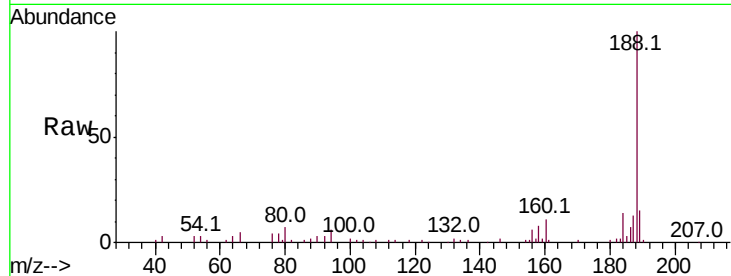




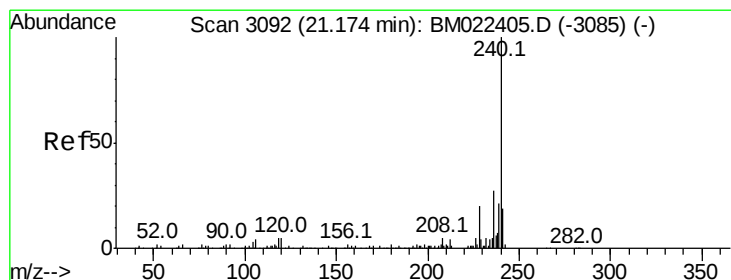
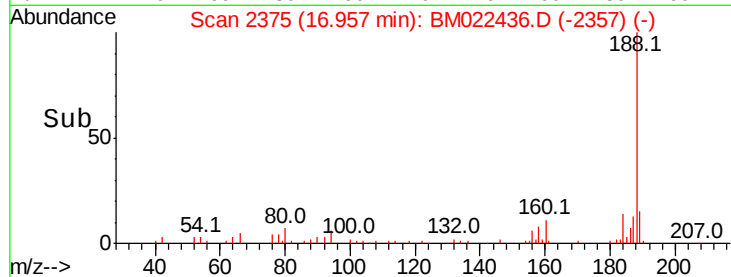
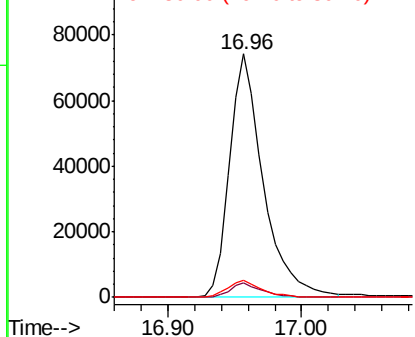
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BM022436.D
Acq: 30 Aug 2019 11:32

Instrument :
BNA_M
ClientSampleId :
PB122622BL

Tot Ion:188 Resp: 131281
Ion Ratio Lower Upper
188 100
94 5.7 4.4 6.6
80 7.1 5.0 7.6

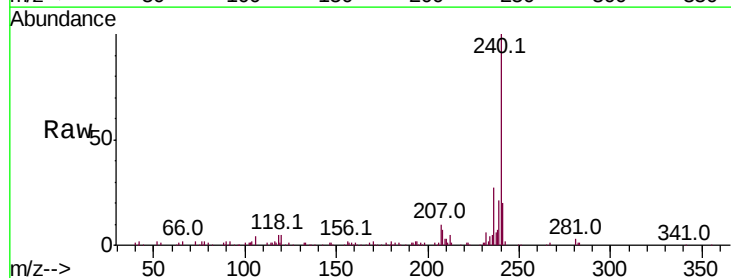


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

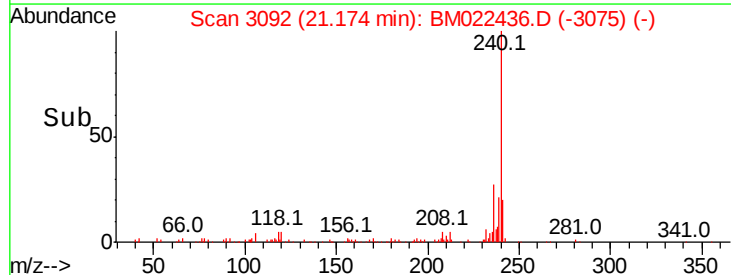
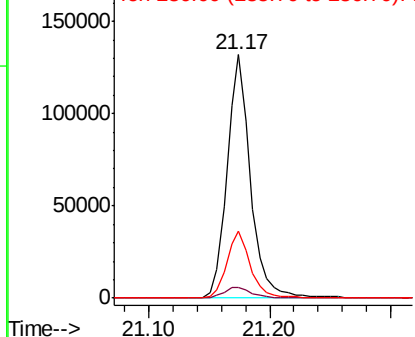


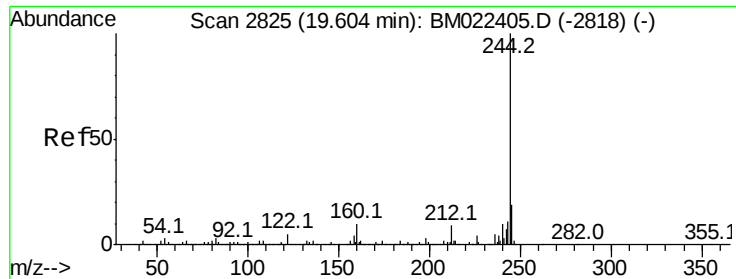
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM022436.D
Acq: 30 Aug 2019 11:32

Tgt Ion:240 Resp: 176561
Ion Ratio Lower Upper
240 100
120 4.6 3.9 5.9
236 27.4 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



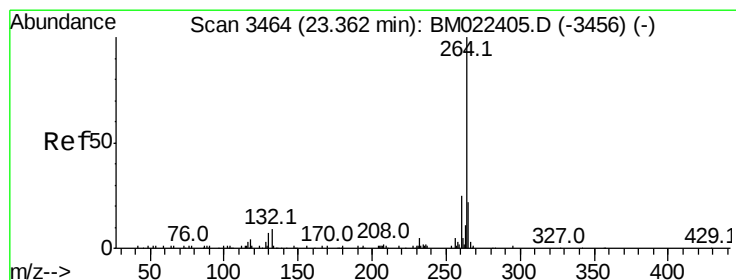
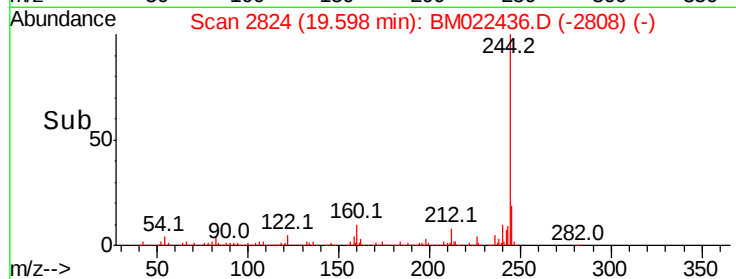
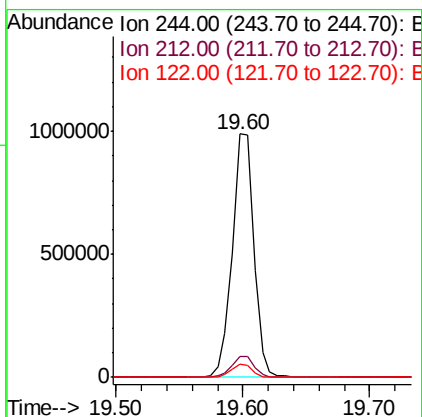
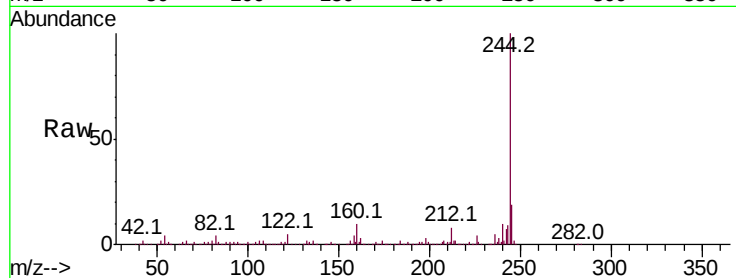


#79
 Terphenyl-d14
 Concen: 86.653 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022436.D
 Acq: 30 Aug 2019 11:32

Instrument :
 BNA_M
 ClientSampleID :
 PB122622BL

Tot Ion:244 Resp: 1159270

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	5.3	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: BM022436.D
 Acq: 30 Aug 2019 11:32

Tgt Ion:264 Resp: 196486

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	21.8	18.2	27.2

