

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022437.D
 Acq On : 30 Aug 2019 12:08
 Operator : HP/JU
 Sample : PB122622TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 30 14:27:36 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	21349	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	78416	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	52803	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	126694	20.00	ng	0.00
76) Chrysene-d12	21.17	240	169653	20.00	ng	0.00
87) Perylene-d12	23.36	264	186421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	151664	124.70	ng	0.00
7) Phenol-d6	6.72	99	192484	118.35	ng	0.00
23) Nitrobenzene-d5	8.70	82	130263	72.76	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	117028	108.31	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	325864	69.91	ng	0.00
79) Terphenyl-d14	19.60	244	923444	71.84	ng	0.00

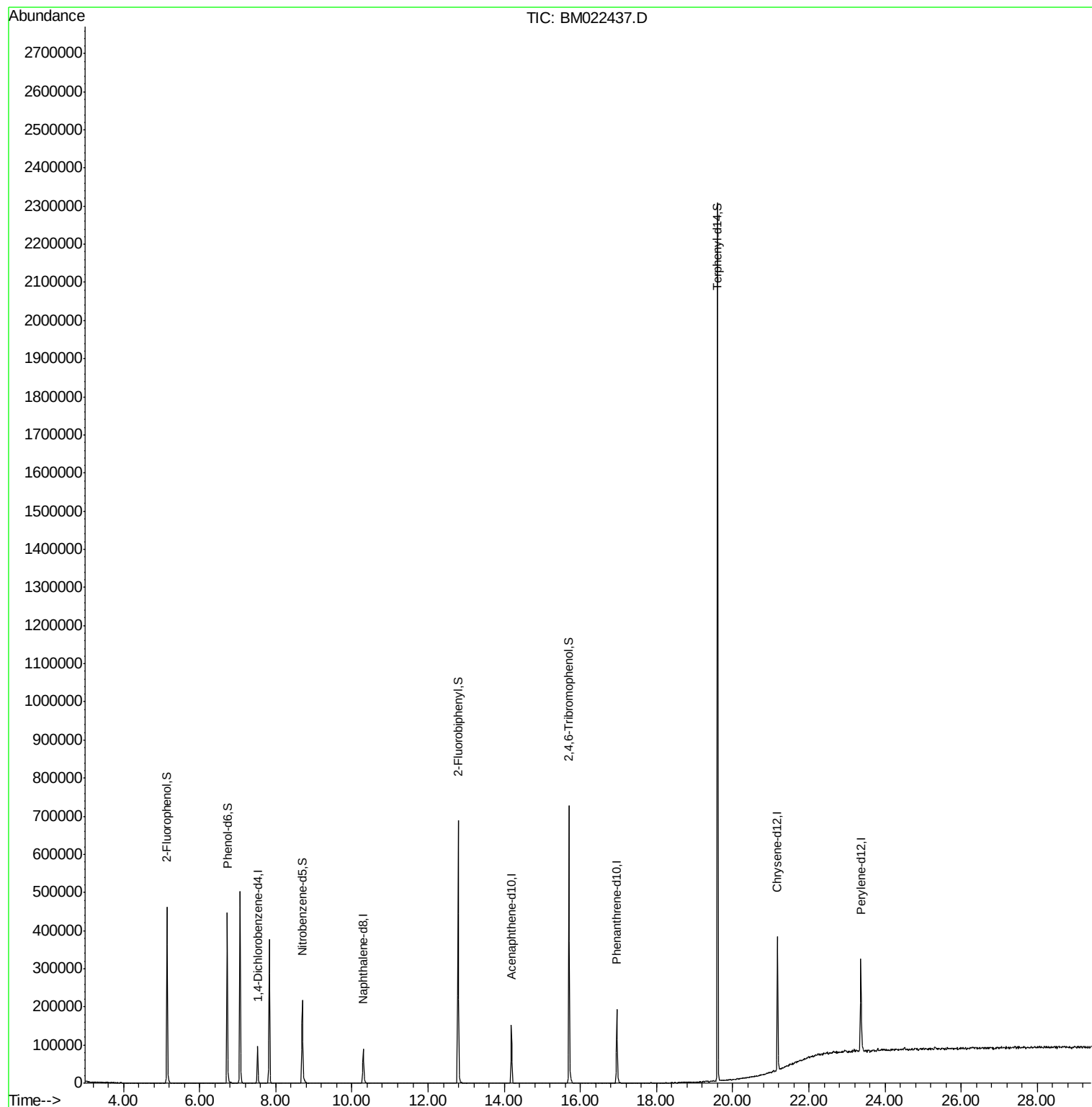
Target Compounds Qvalue

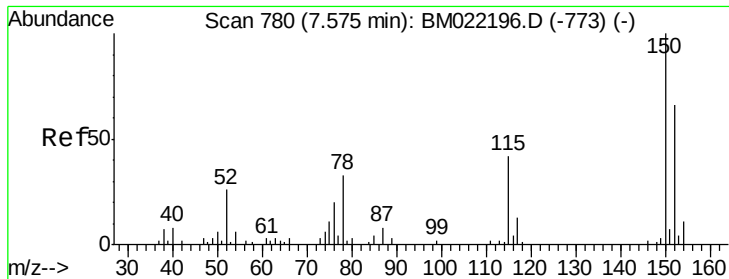
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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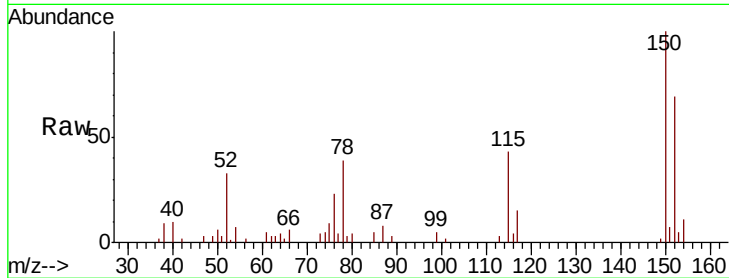


#1

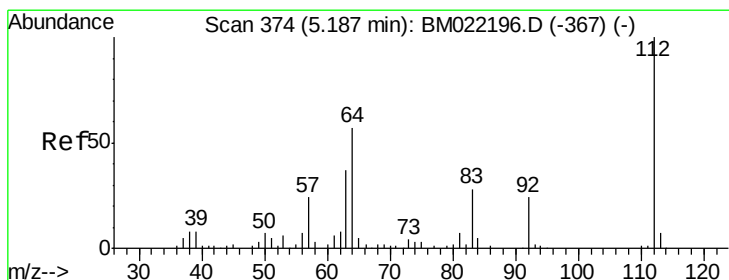
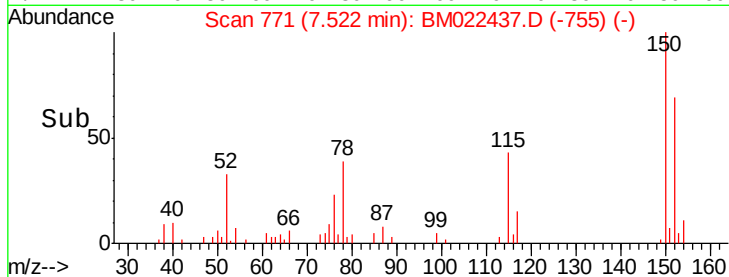
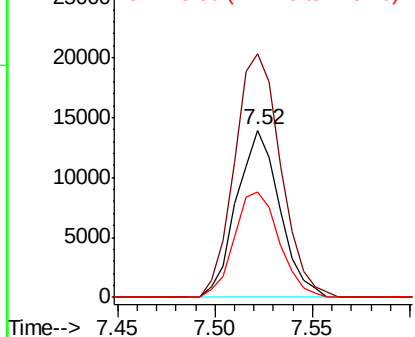
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 21349
Ion Ratio Lower Upper
152 100
150 145.5 125.4 188.0
115 62.8 50.3 75.5



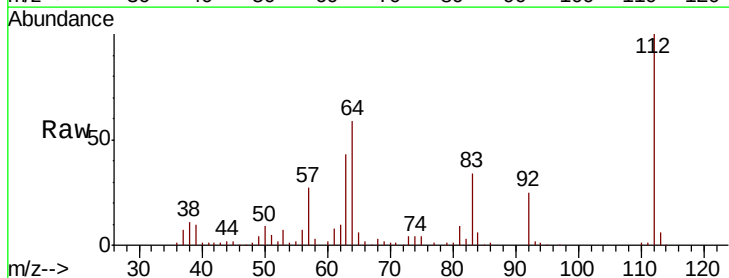
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



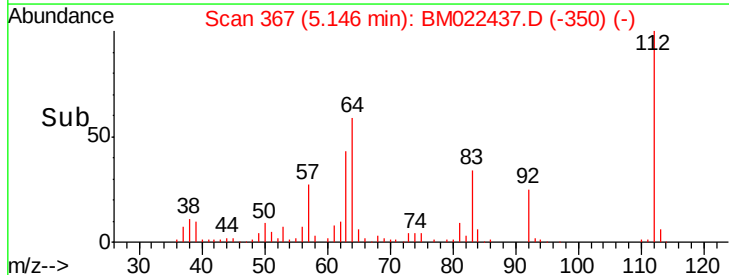
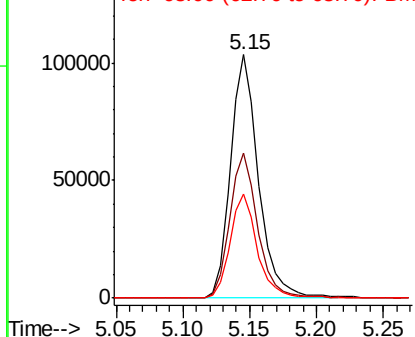
#5

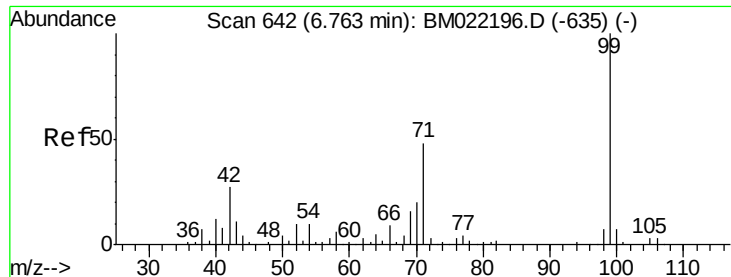
2-Fluorophenol
Concen: 124.699 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Tgt Ion:112 Resp: 151664
Ion Ratio Lower Upper
112 100
64 59.5 45.4 68.2
63 42.8 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: 118.348 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022437.D

Acq: 30 Aug 2019 12:08

Instrument :

BNA_M

ClientSampleId :

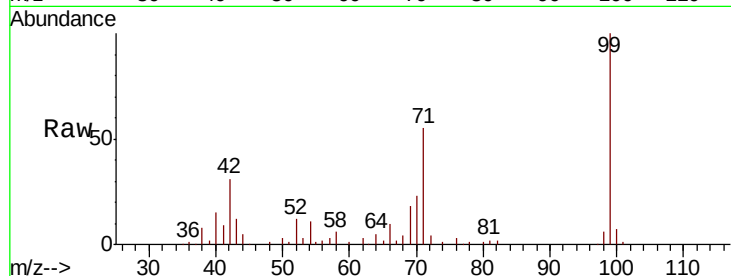
Tot Ion: 99 Resp: 192484

Ion Ratio Lower Upper

99 100

42 30.9 26.3 39.5

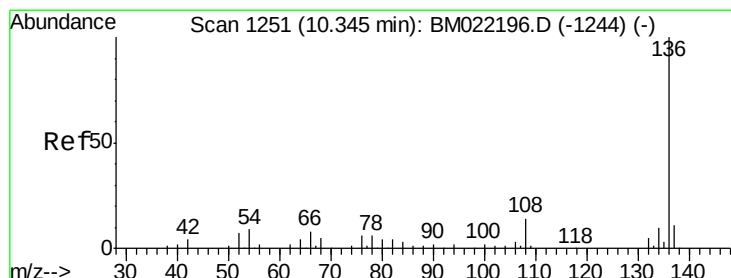
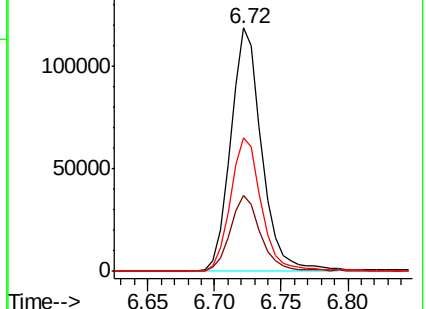
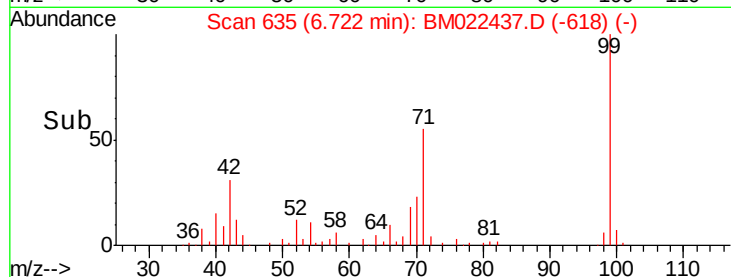
71 54.9 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022437.D (-618) (-)

Ion 42.00 (41.70 to 42.70): BM022437.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BM022437.D (-618) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM022437.D

Acq: 30 Aug 2019 12:08

Tgt Ion: 136 Resp: 78416

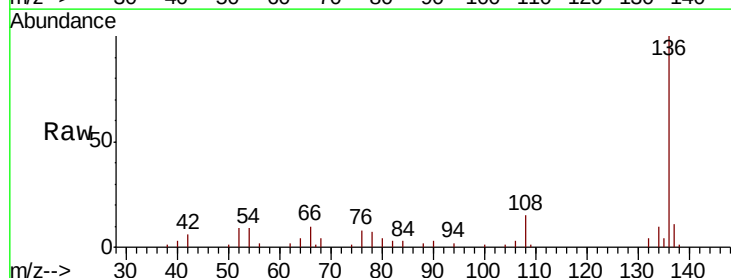
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.9 7.0 10.6

68 4.0 2.9 4.3

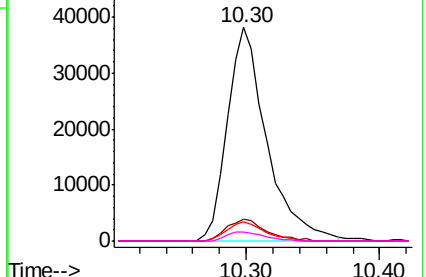
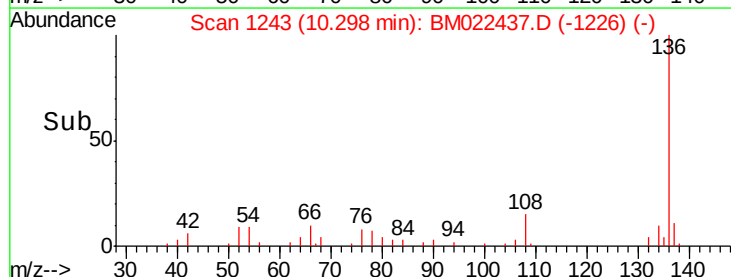


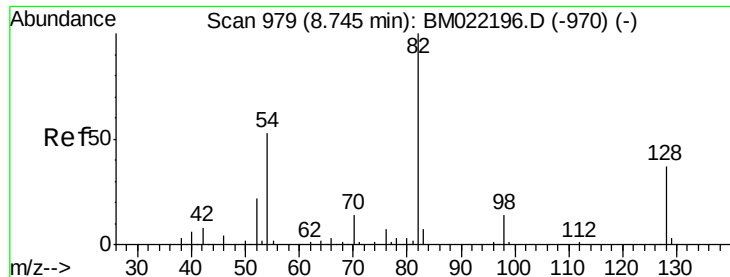
Abundance Ion 136.00 (135.70 to 136.70): BM022437.D (-1226) (-)

Ion 137.00 (136.70 to 137.70): BM022437.D (-1226) (-)

Ion 54.00 (53.70 to 54.70): BM022437.D (-1226) (-)

Ion 68.00 (67.70 to 68.70): BM022437.D (-1226) (-)

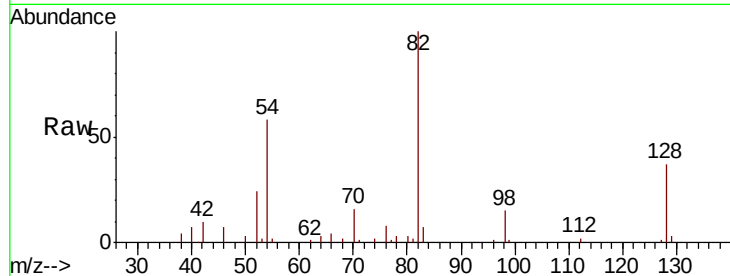




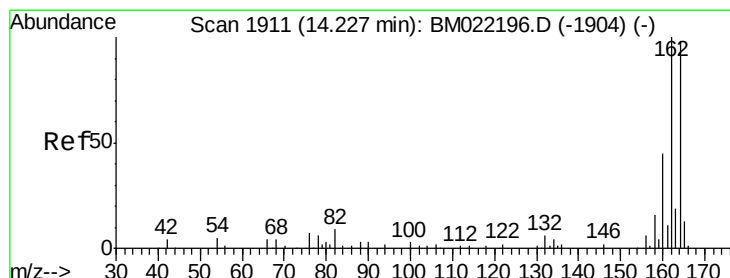
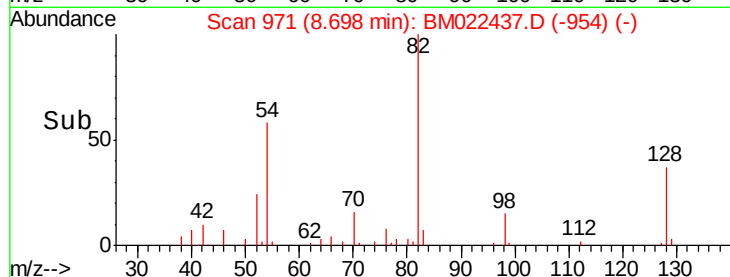
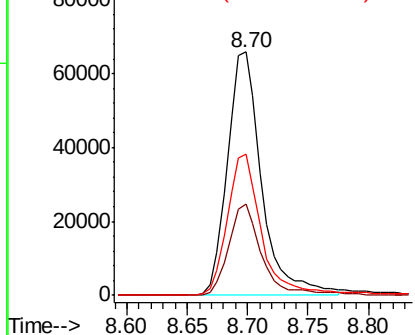
#23
Nitrobenzene-d5
Concen: 72.760 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Instrument :
BNA_M
ClientSampleID :

Tot Ion: 82 Resp: 130263
Ion Ratio Lower Upper
82 100
128 37.4 27.9 41.9
54 58.2 45.2 67.8

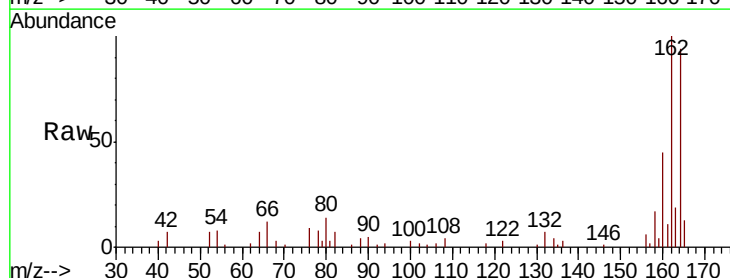


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

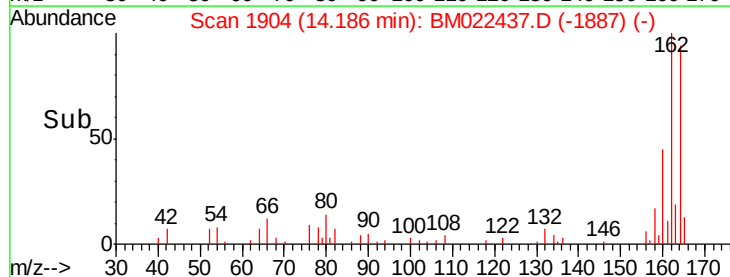
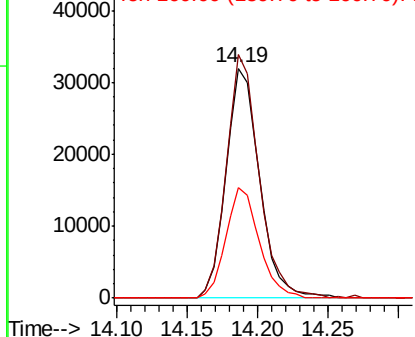


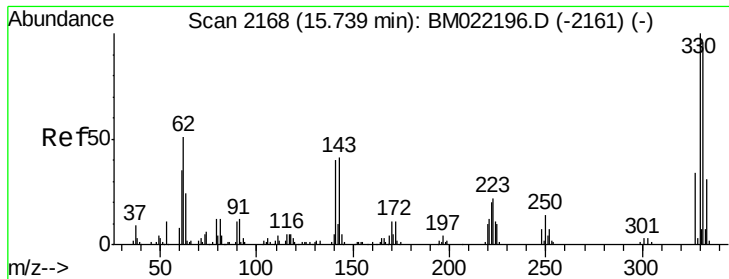
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Tgt Ion:164 Resp: 52803
Ion Ratio Lower Upper
164 100
162 106.0 80.6 121.0
160 48.1 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: 108.310 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022437.D

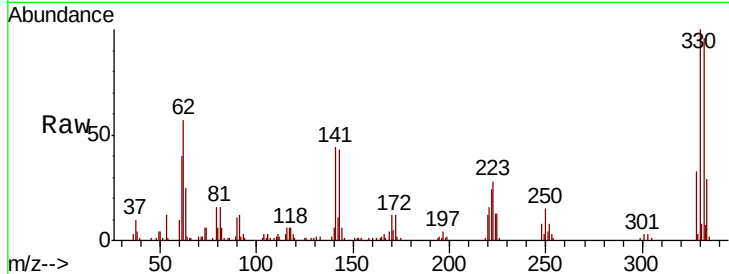
Acq: 30 Aug 2019 12:08

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	330	Resp:	117028
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	46.2	35.6	53.4

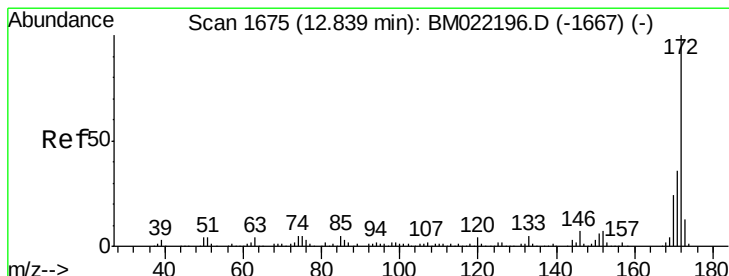
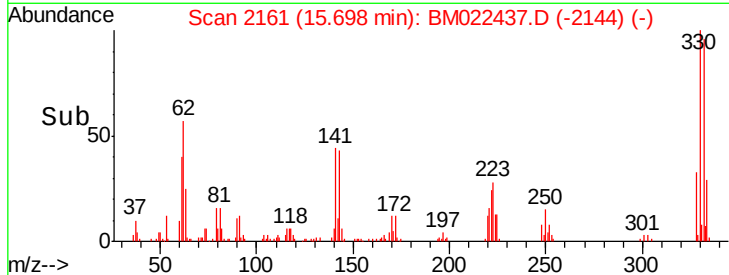
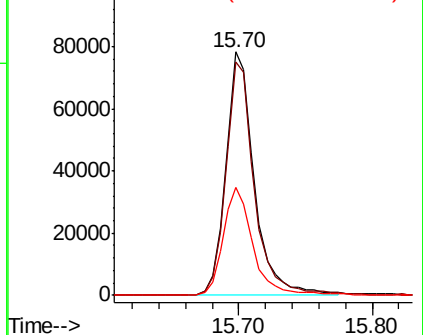


Abundance

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: 69.912 ng

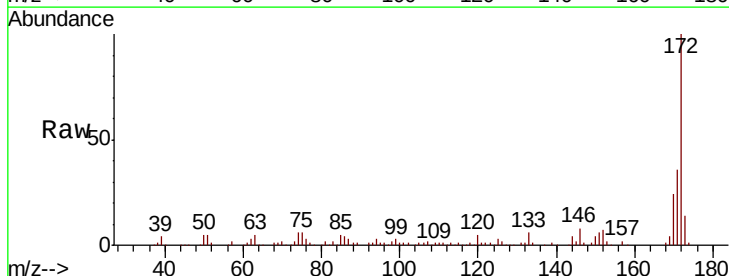
RT: 12.79 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BM022437.D

Acq: 30 Aug 2019 12:08

Tgt Ion:	172	Resp:	325864
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.9	28.3

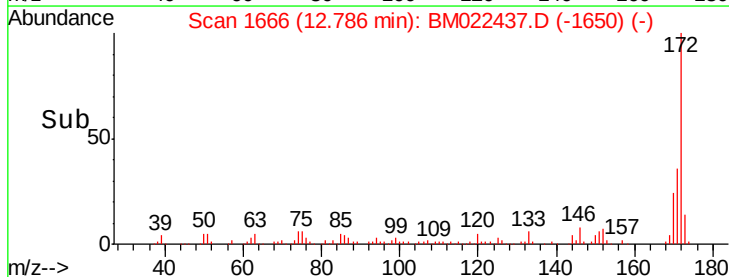
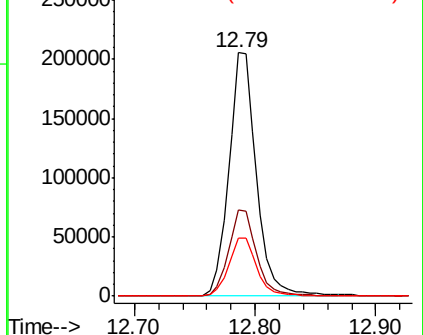


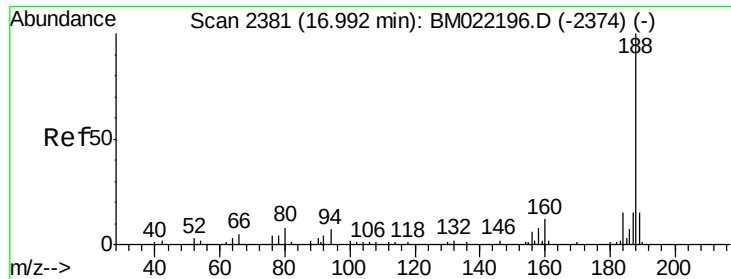
Abundance

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

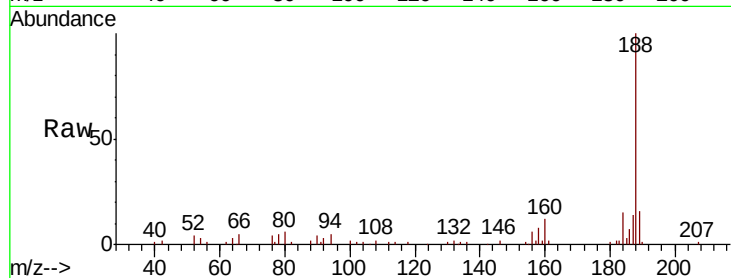




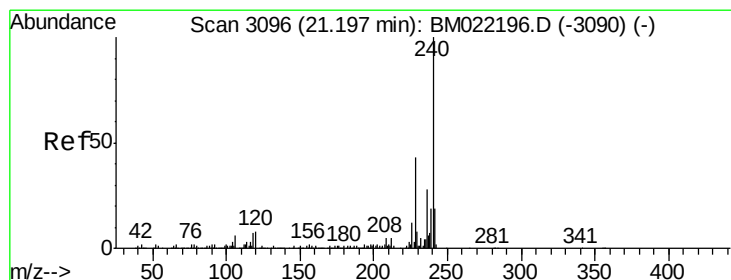
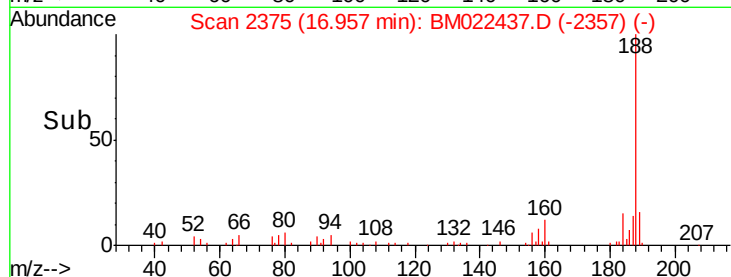
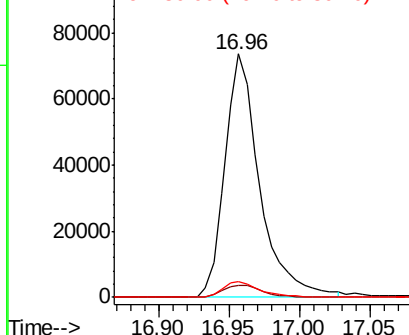
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.4	6.6
80	6.4	5.0	7.6

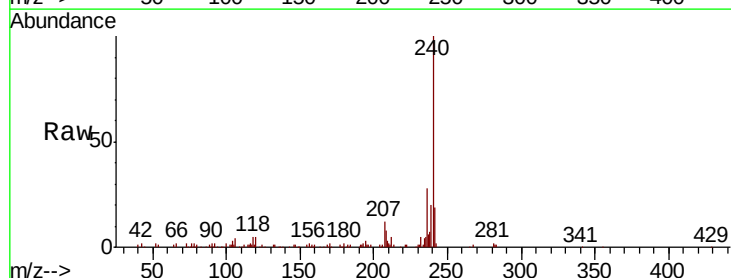


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

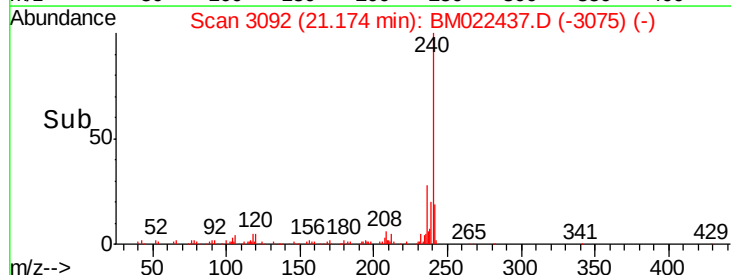
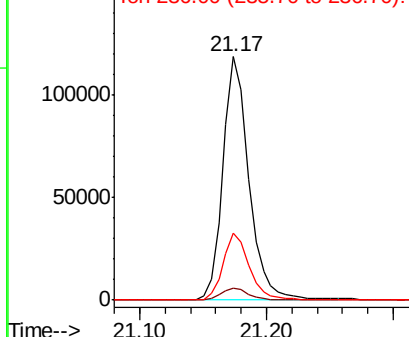


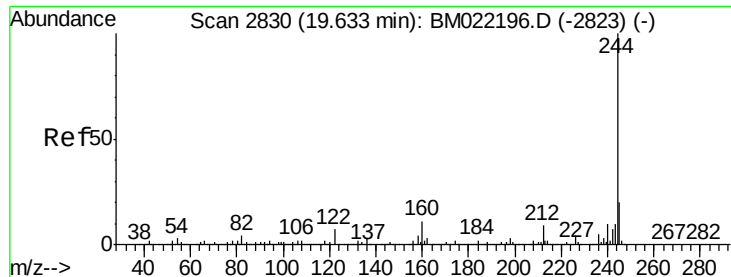
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM022437.D
Acq: 30 Aug 2019 12:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.9	5.9
236	27.7	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

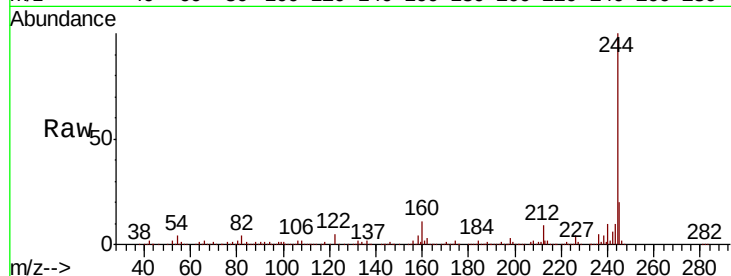




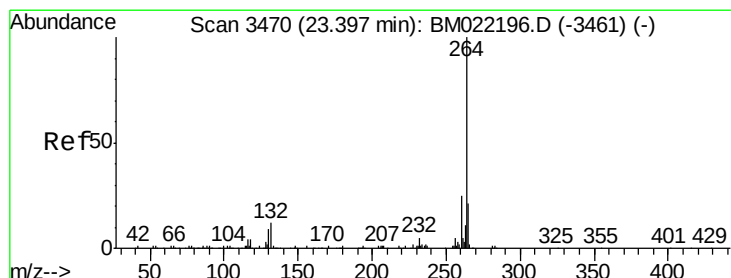
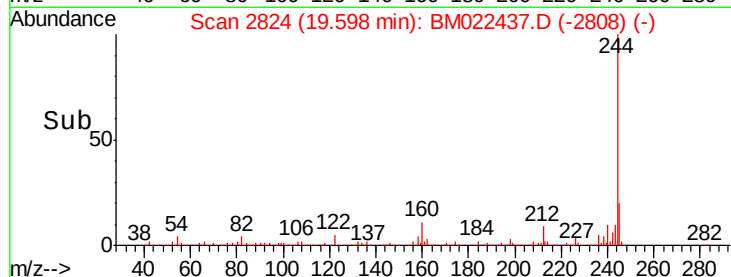
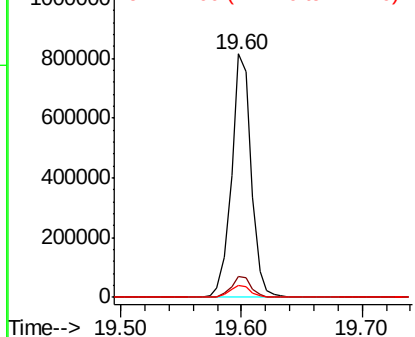
#79
 Terphenyl-d14
 Concen: 71.836 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022437.D
 Acq: 30 Aug 2019 12:08

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	5.2	3.9	5.9

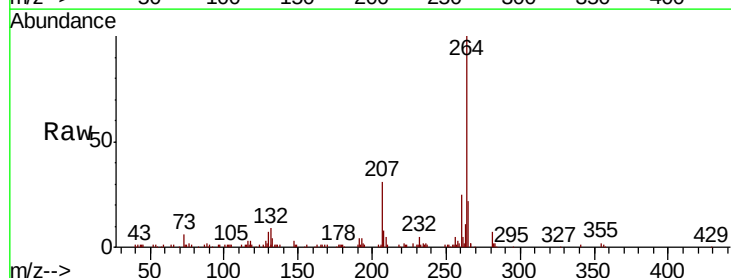


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BM022437.D
 Acq: 30 Aug 2019 12:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	22.3	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

