

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018510.D
 Acq On : 10 Jan 2019 16:04
 Operator : JU/SJ
 Sample : K1006-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-H

Quant Time: Jan 11 03:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	529964	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2089461	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1264152	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3120203	20.00	ng	0.00
76) Chrysene-d12	21.36	240	3362331	20.00	ng	0.00
87) Perylene-d12	23.64	264	3238401	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3284534	114.44	ng	0.00
7) Phenol-d6	6.94	99	3849667	105.60	ng	0.00
23) Nitrobenzene-d5	8.93	82	2936971	81.48	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2345324	145.71	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7828084	80.80	ng	0.00
79) Terphenyl-d14	19.79	244	12099085	75.86	ng	0.00

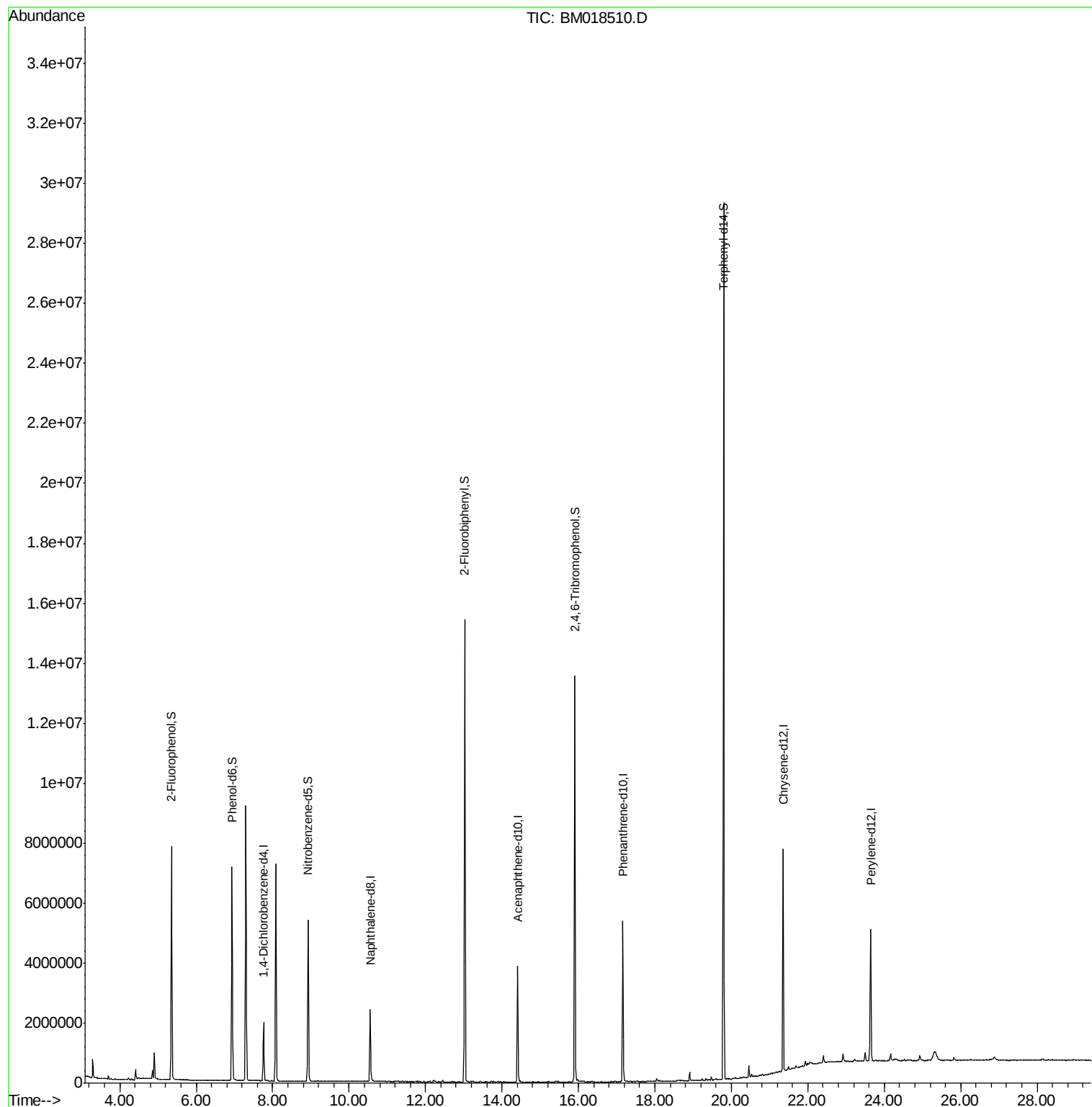
Target Compounds Qvalue

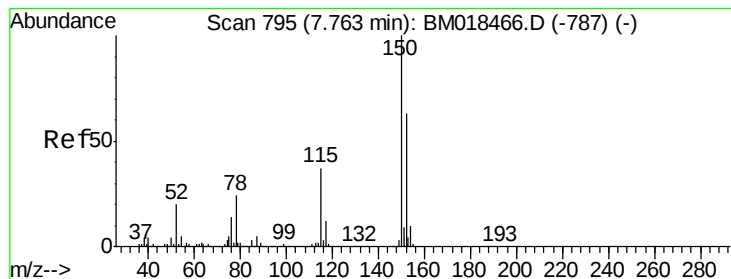
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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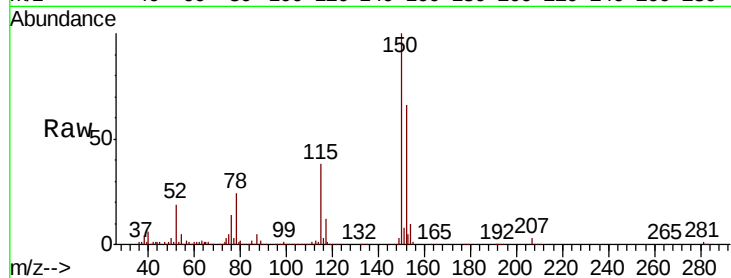


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018510.D
Acq: 10 Jan 2019 16:04

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.9	190.3
115	57.6	45.5	68.3

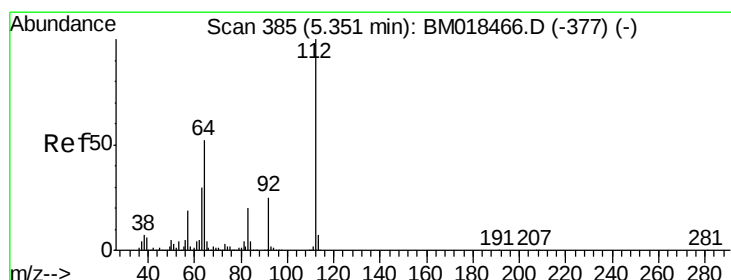
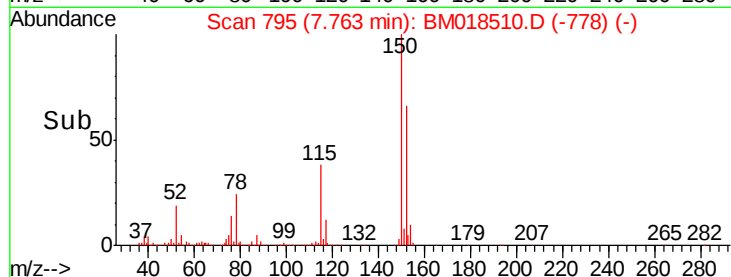
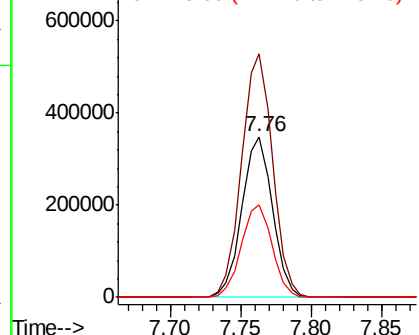


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

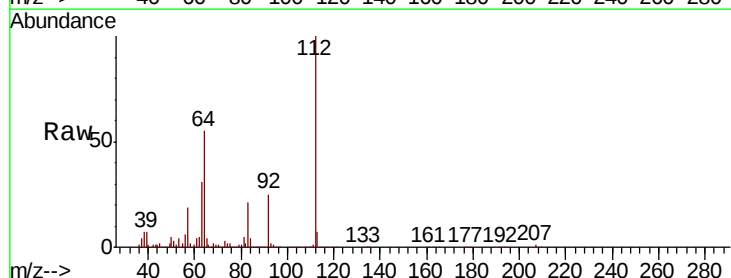
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.439 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018510.D
Acq: 10 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	30.6	25.2	37.8

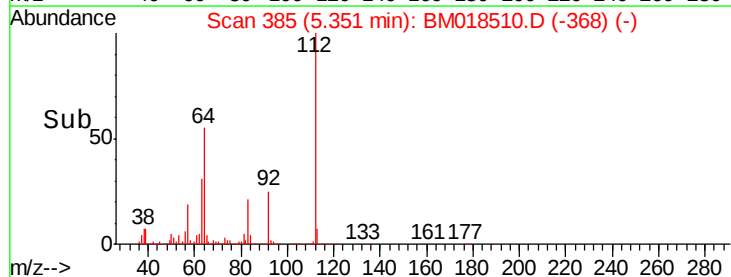
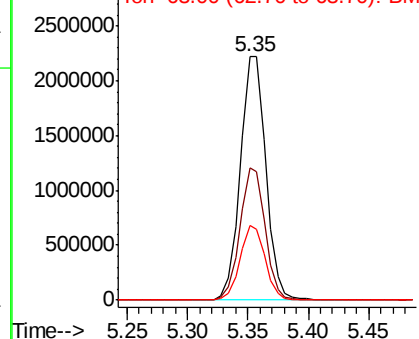


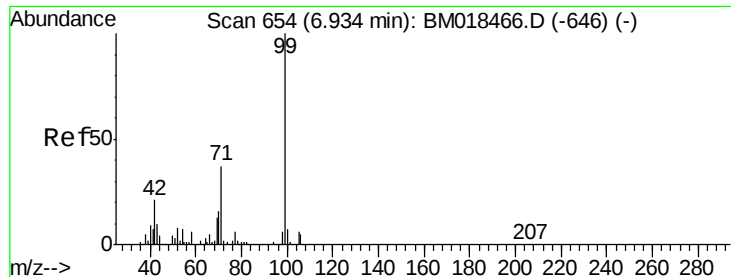
Abundance

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: 105.604 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018510.D

Acq: 10 Jan 2019 16:04

Instrument :

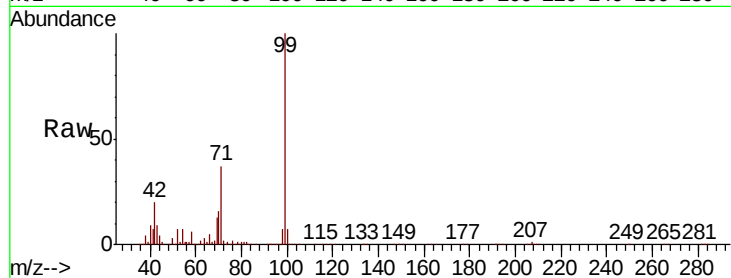
BNA_M

ClientSampleId :

JC-03-010819-H

Tot Ion: 99 Resp: 3849667

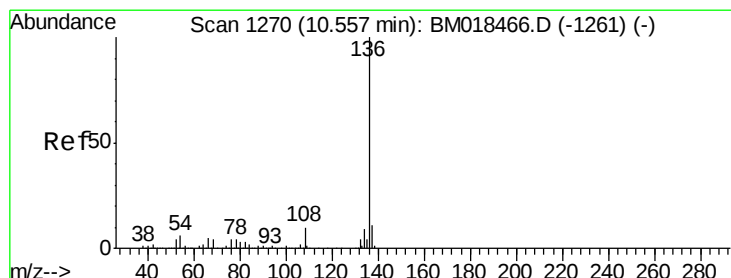
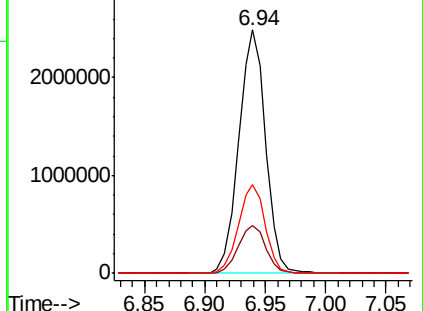
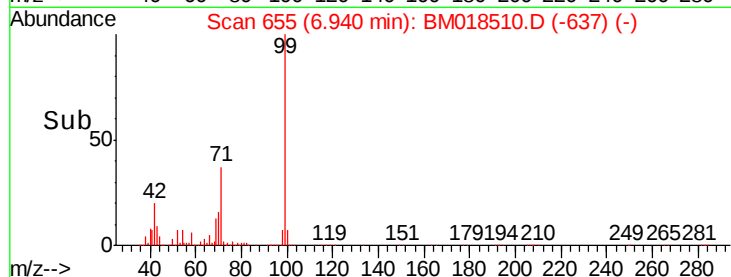
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	36.6	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018510.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018510.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018510.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

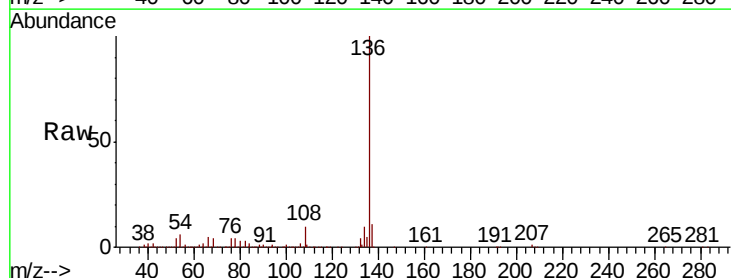
Delta R.T. 0.01 min

Lab File: BM018510.D

Acq: 10 Jan 2019 16:04

Tgt Ion: 136 Resp: 2089461

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.0	6.0	9.0
68	4.3	4.5	6.7#

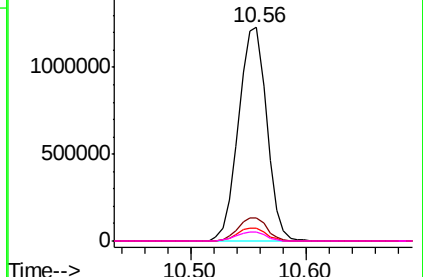
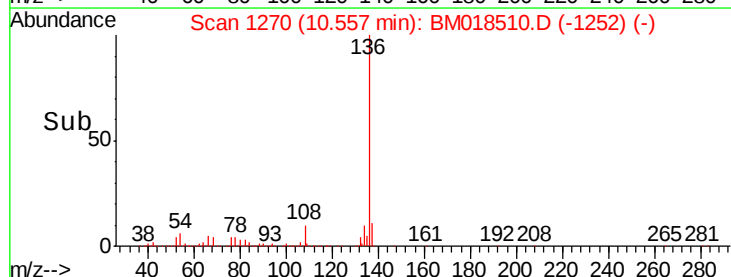


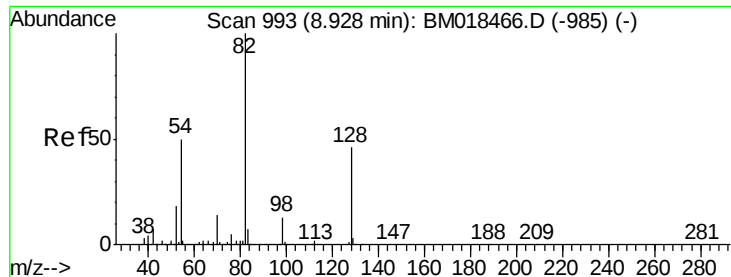
Abundance Ion 136.00 (135.70 to 136.70): BM018510.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018510.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018510.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018510.D (-1252) (-)



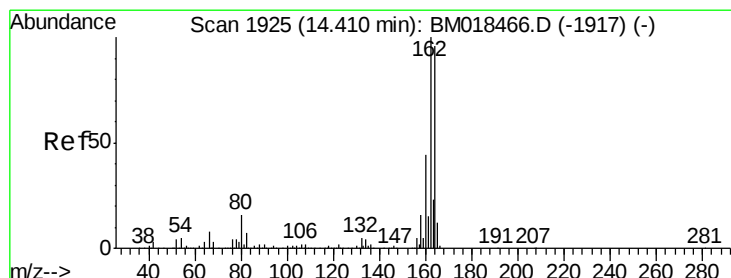
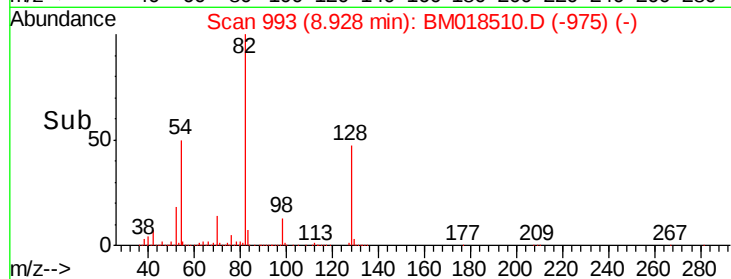
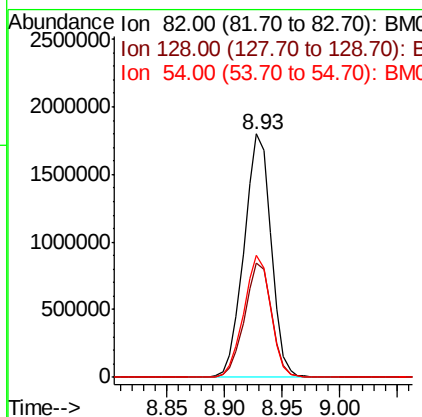
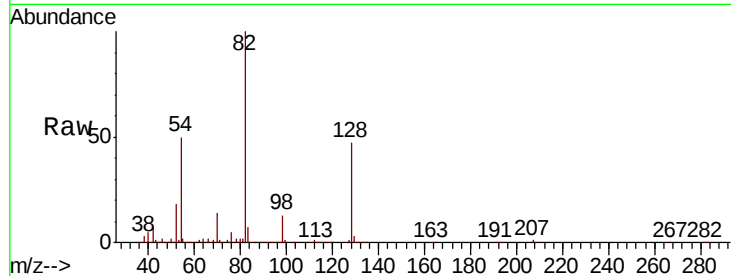


#23
 Nitrobenzene-d5
 Concen: 81.485 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018510.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-H

Tot Ion: 82 Resp: 2936971

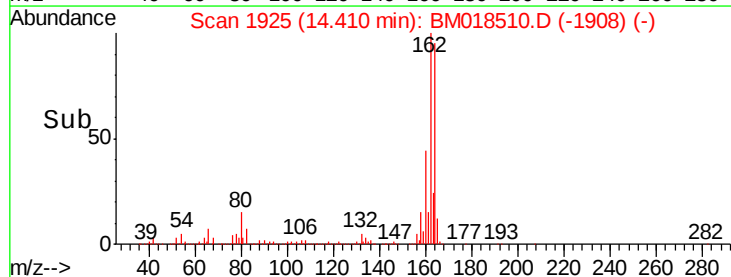
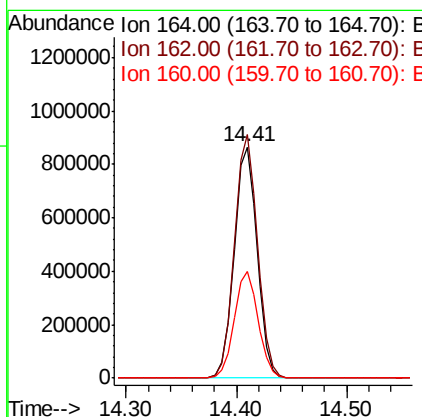
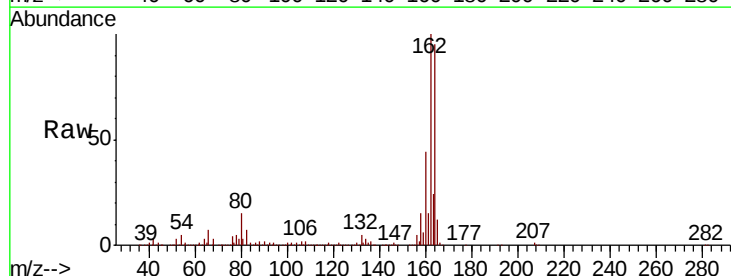
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	50.3	41.7	62.5

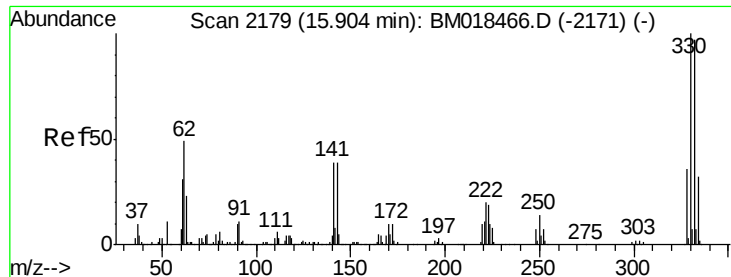


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM018510.D
 Acq: 10 Jan 2019 16:04

Tgt Ion: 164 Resp: 1264152

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.4
160	46.3	37.1	55.7

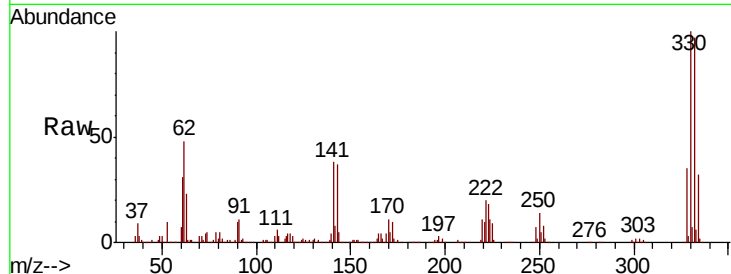




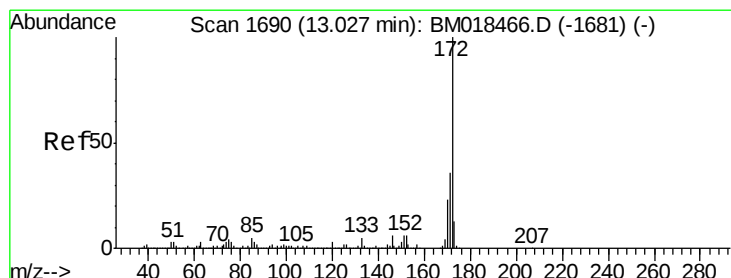
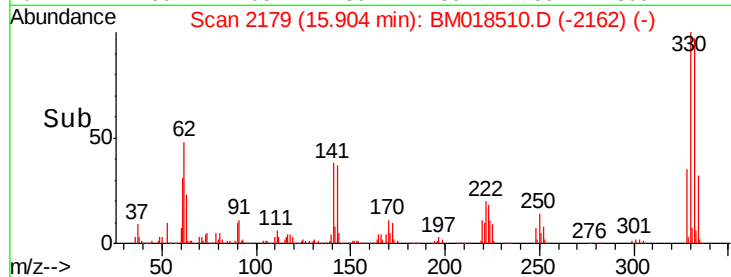
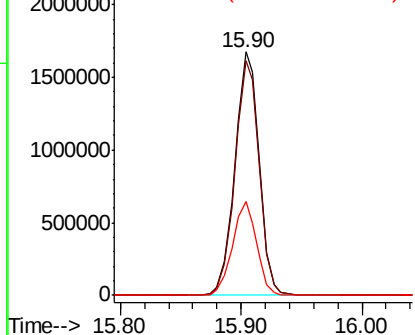
#42
 2,4,6-Tribromophenol
 Concen: 145.707 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018510.D
 Acq: 10 Jan 2019 16:04

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-H

Tot Ion:330 Resp: 2345324
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 38.2 31.7 47.5

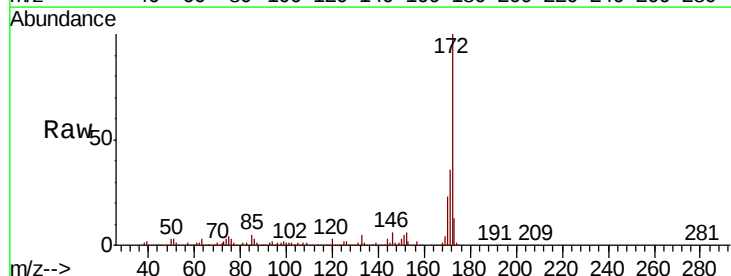


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

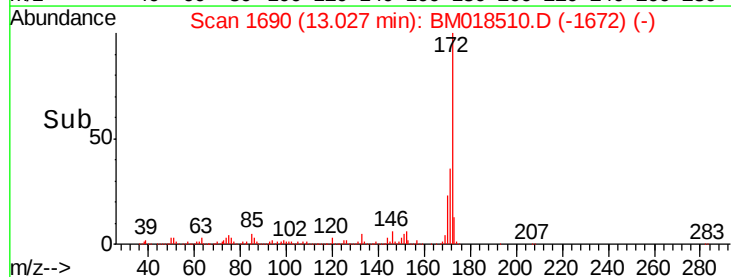
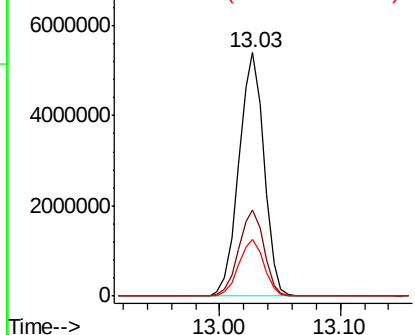


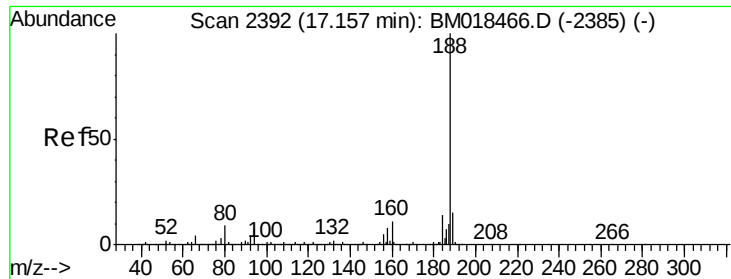
#45
 2-Fluorobiphenyl
 Concen: 80.802 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018510.D
 Acq: 10 Jan 2019 16:04

Tgt Ion:172 Resp: 7828084
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.4 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

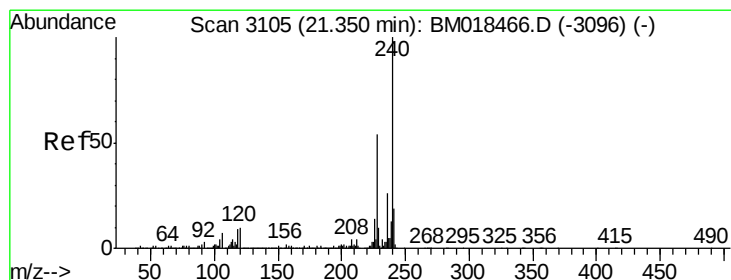
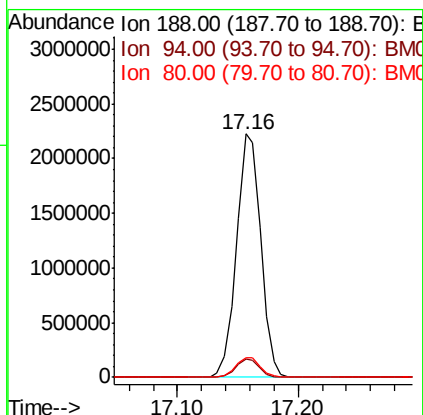
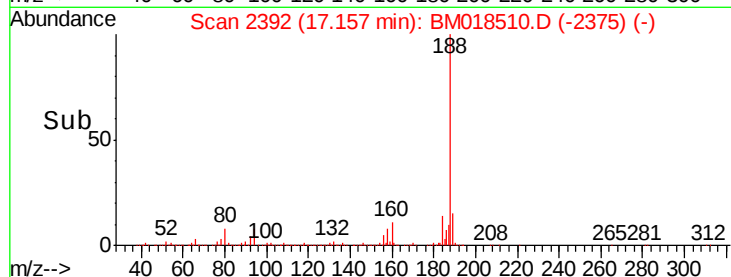
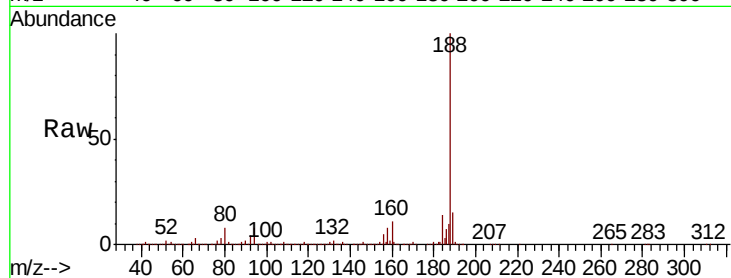




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018510.D
Acq: 10 Jan 2019 16:04

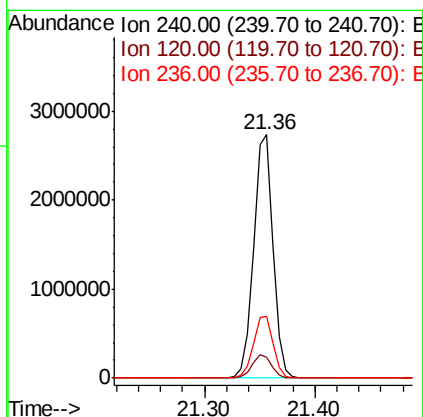
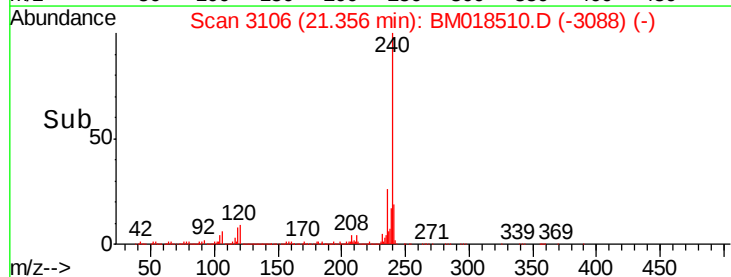
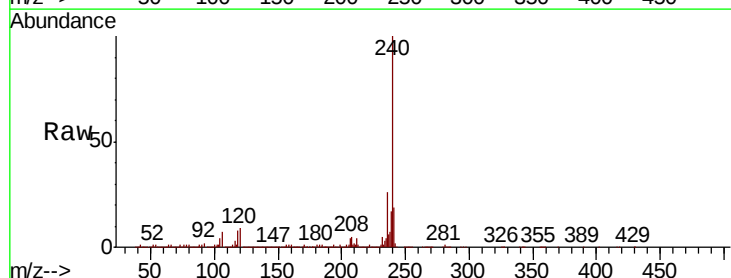
Instrument :
BNA_M
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JC-03-010819-H

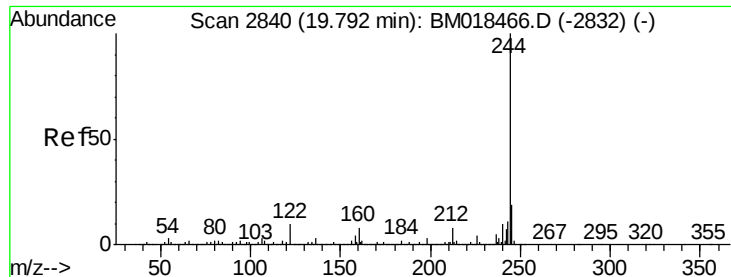
Tot Ion:188 Resp: 3120203
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018510.D
Acq: 10 Jan 2019 16:04

Tgt Ion:240 Resp: 3362331
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 75.856 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018510.D

Acq: 10 Jan 2019 16:04

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-H

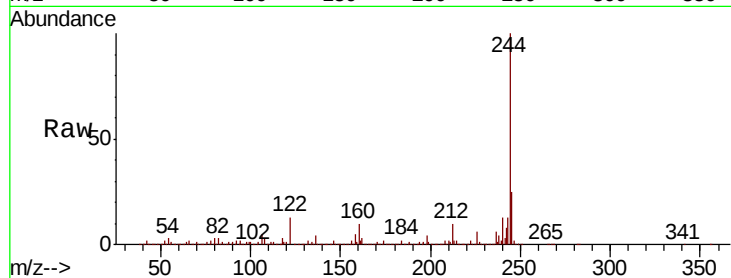
Tot Ion:244 Resp:12099085

Ion Ratio Lower Upper

244 100

212 10.0 5.9 8.9#

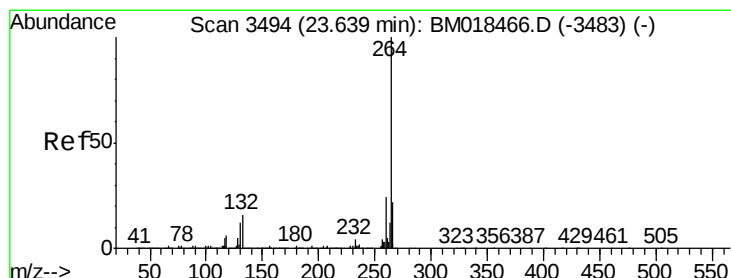
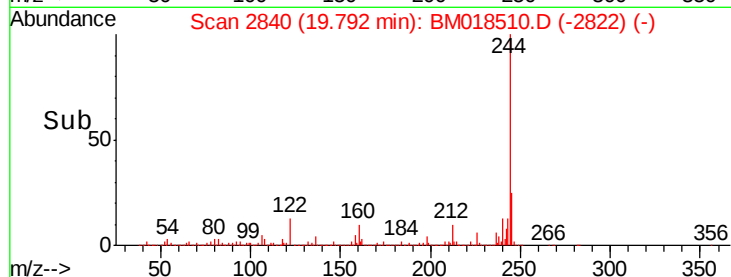
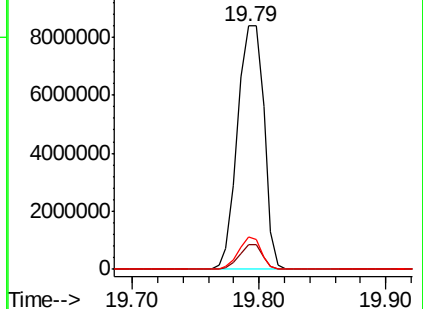
122 13.4 9.0 13.4



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: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018510.D

Acq: 10 Jan 2019 16:04

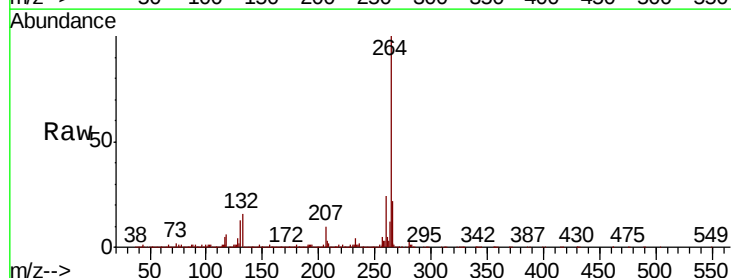
Tgt Ion:264 Resp: 3238401

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.8 16.8 25.2



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

