

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019084.D
 Acq On : 08 Mar 2019 21:28
 Operator : JU/SJ
 Sample : K1807-41
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:48:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

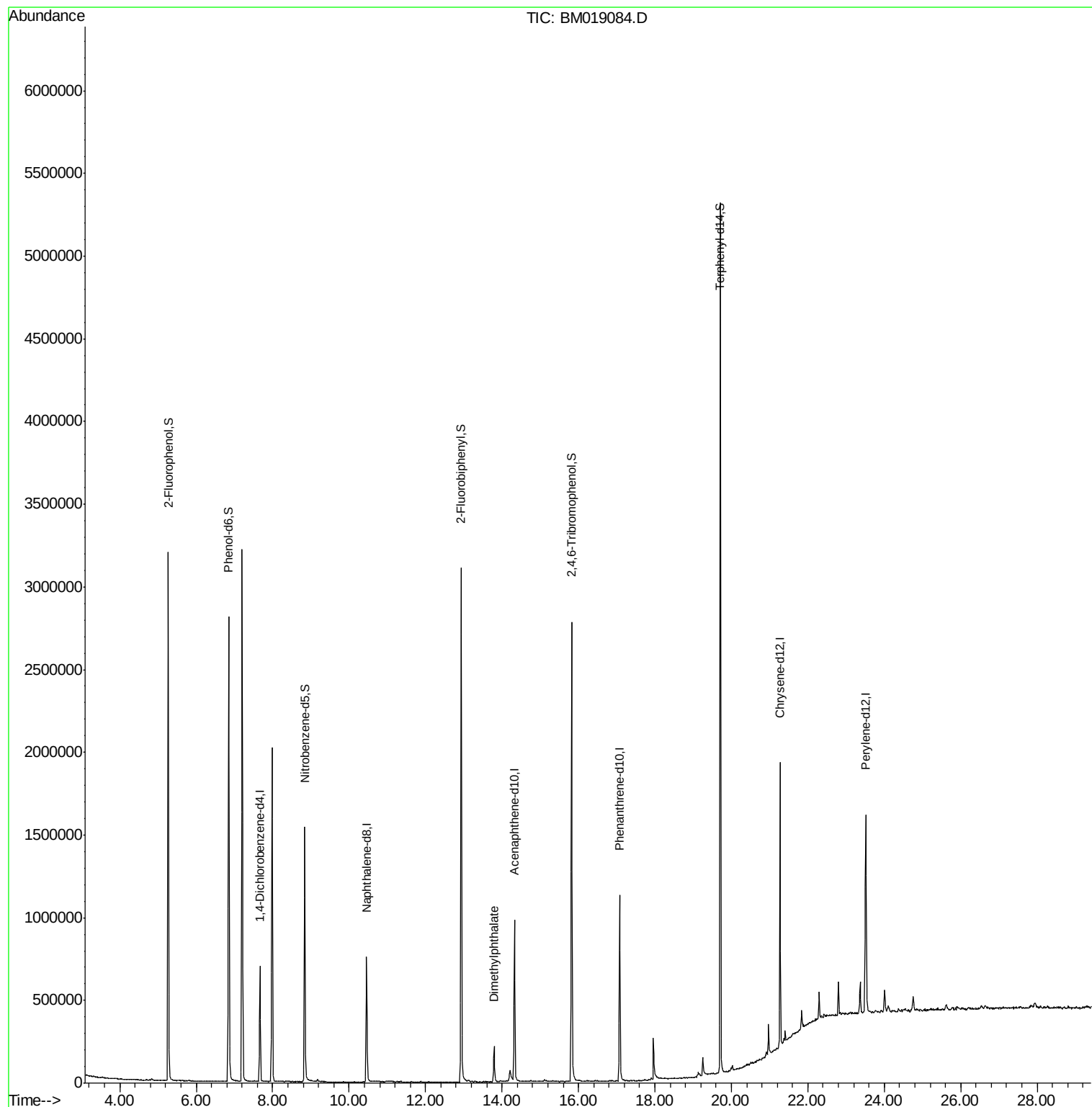
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	177088	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	649477	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	329446	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	702300	20.00	ng	0.00
76) Chrysene-d12	21.27	240	782171	20.00	ng	-0.01
87) Perylene-d12	23.52	264	878523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1269538	117.46	ng	0.00
7) Phenol-d6	6.85	99	1678134	110.22	ng	0.00
23) Nitrobenzene-d5	8.83	82	1042543	74.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.82	330	525822	110.73	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1575540	63.49	ng	-0.02
79) Terphenyl-d14	19.71	244	2445352	64.49	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	3797	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.79	163	160134	5.832 ng		99

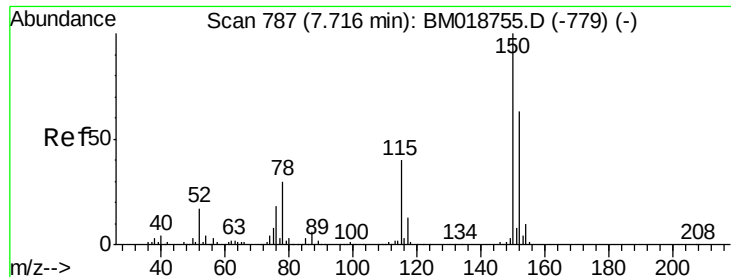
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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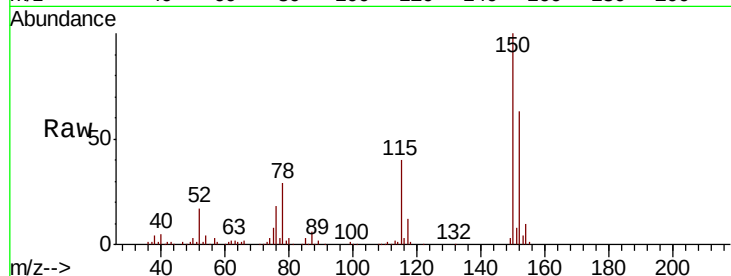


#1

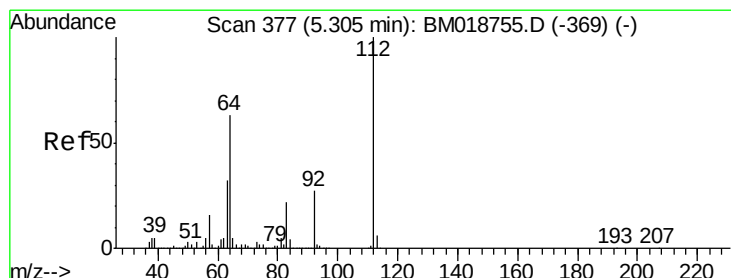
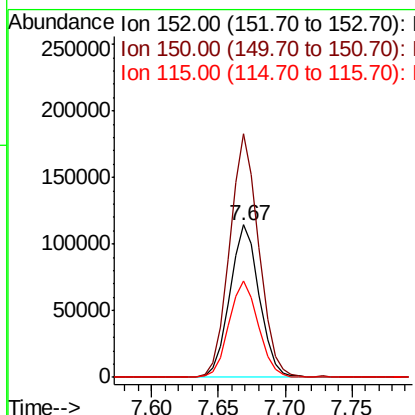
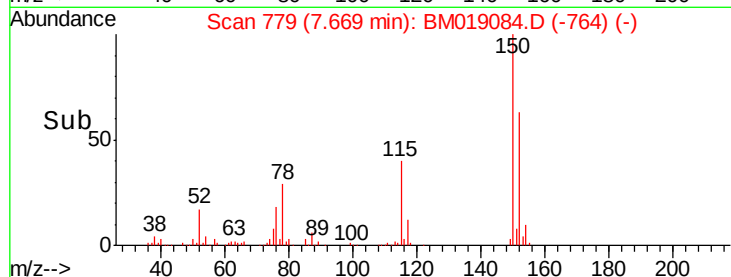
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 177088
Ion Ratio Lower Upper
152 100
150 159.5 127.3 190.9
115 63.0 50.8 76.2



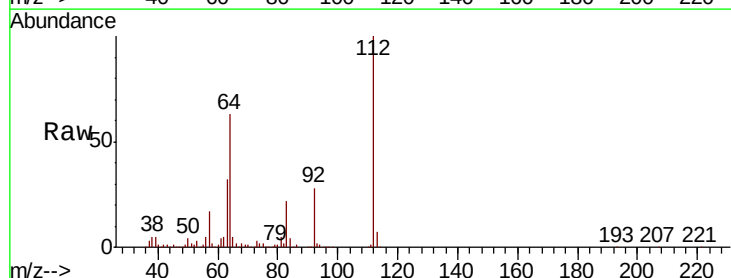
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



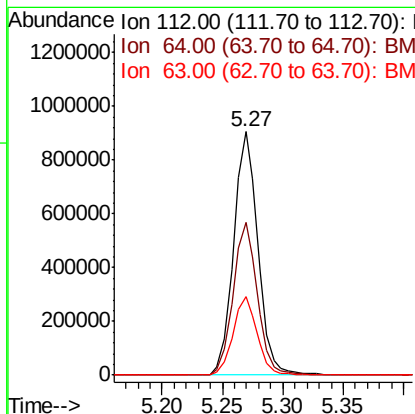
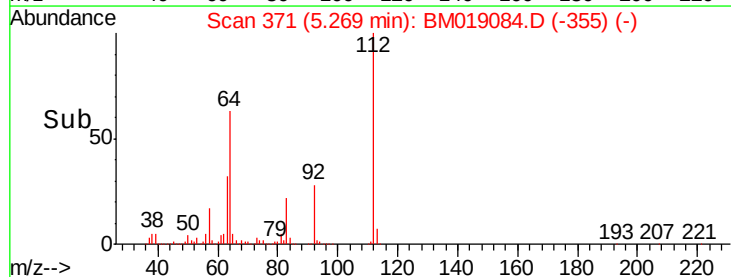
#5

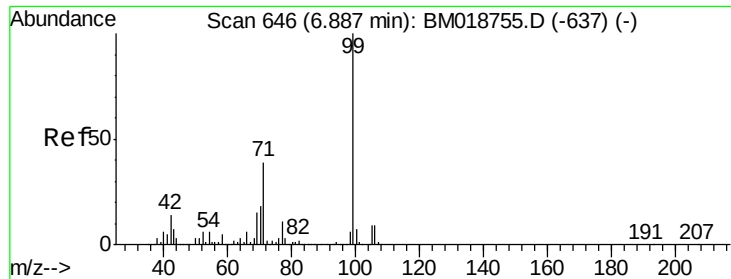
2-Fluorophenol
Concen: 117.462 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Tgt Ion:112 Resp: 1269538
Ion Ratio Lower Upper
112 100
64 62.7 50.6 75.8
63 32.1 25.7 38.5



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: 110.215 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019084.D

Acq: 08 Mar 2019 21:28

Instrument :

BNA_M

ClientSampled :

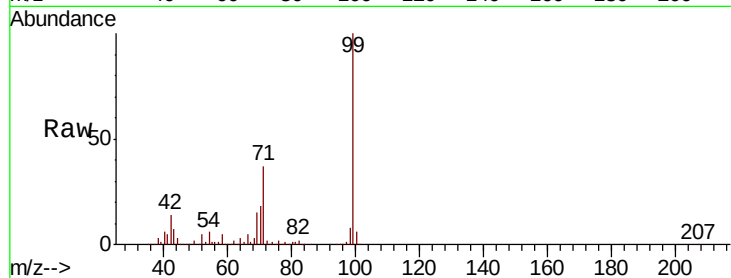
Tot Ion: 99 Resp: 1678134

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

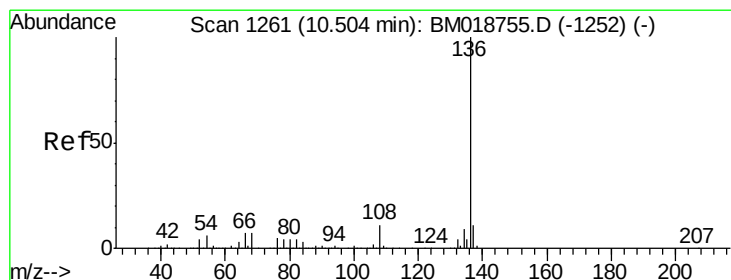
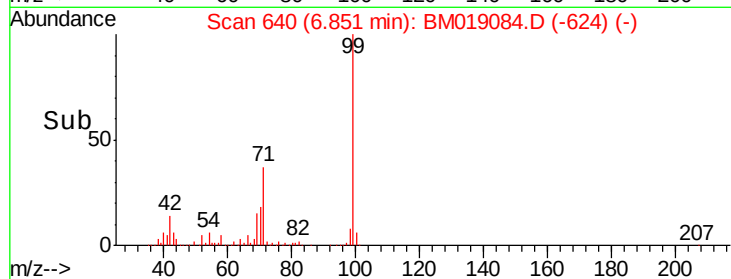
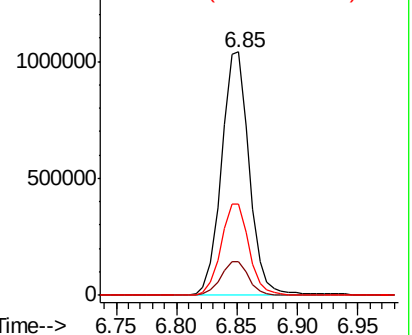
71 37.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019084.D

Acq: 08 Mar 2019 21:28

Tgt Ion: 136 Resp: 649477

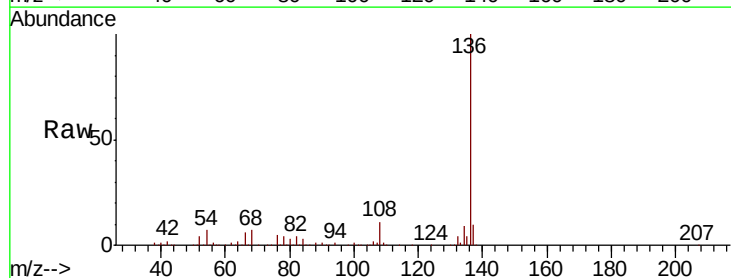
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.8 5.0 7.6

68 7.0 5.5 8.3

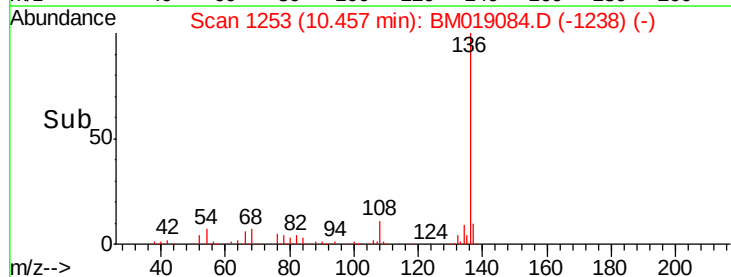
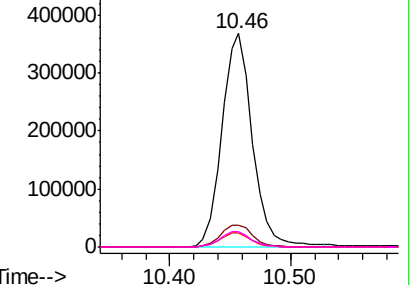


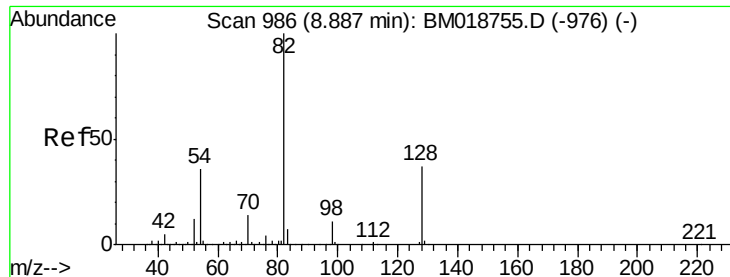
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

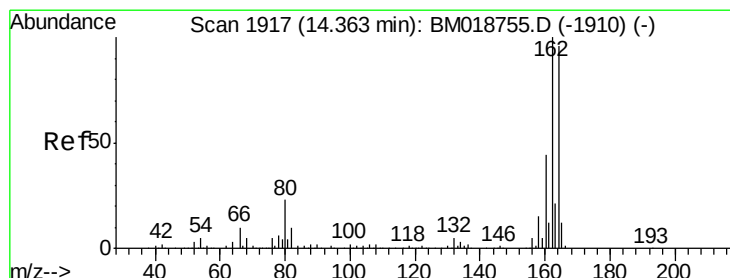
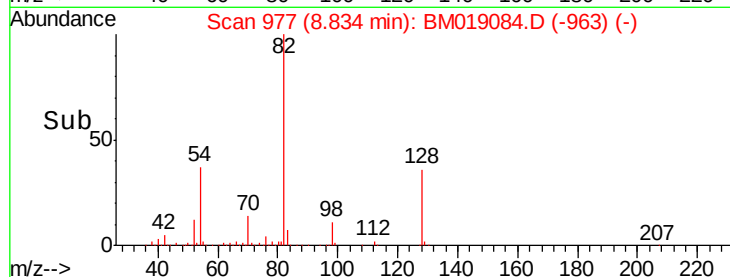
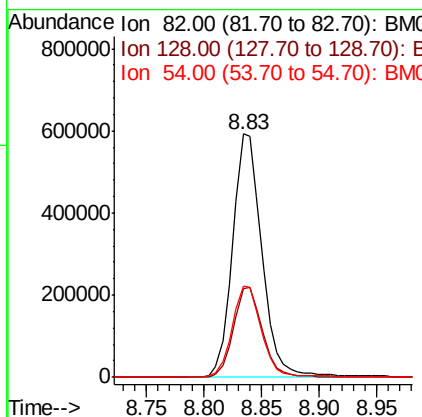
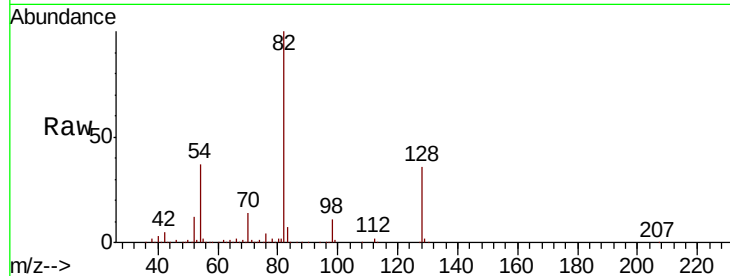




#23
Nitrobenzene-d5
Concen: 74.222 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

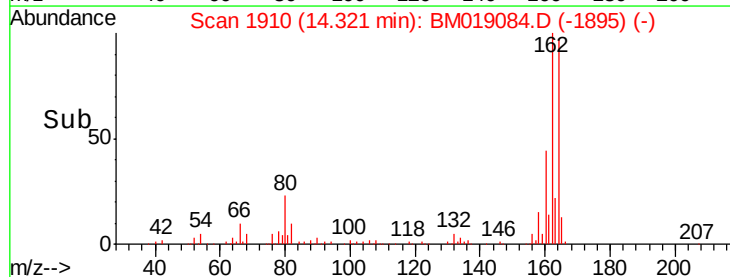
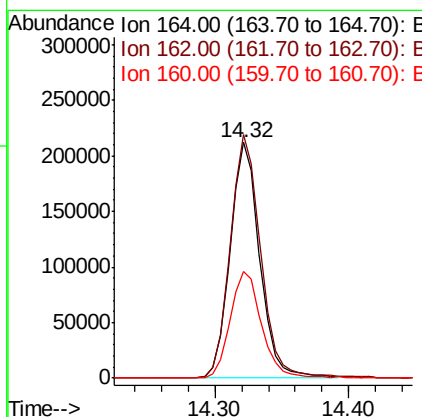
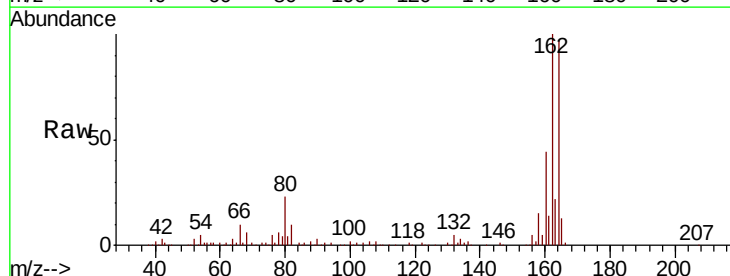
Instrument :
BNA_M
ClientSampleId :

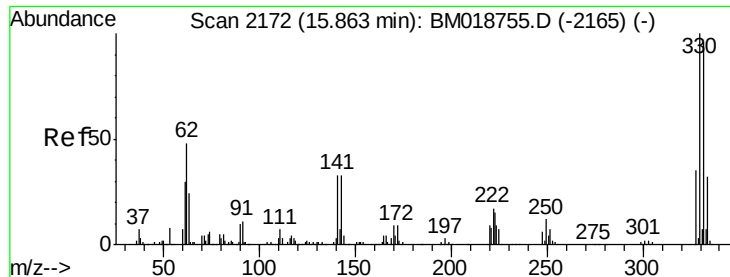
Tot Ion	82	Resp	1042543
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.9	44.9
54	37.2	29.1	43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Tgt Ion	164	Resp	329446
Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.4	125.0
160	45.0	36.6	55.0

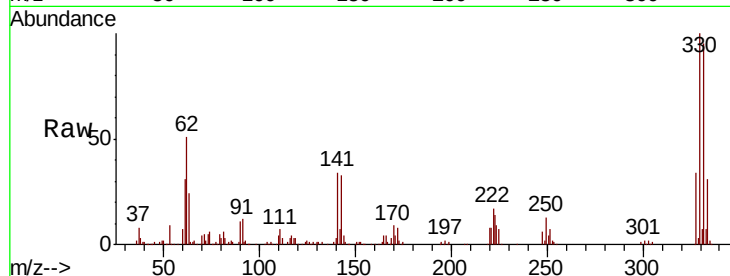




#42
 2,4,6-Tribromophenol
 Concen: 110.726 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM019084.D
 Acq: 08 Mar 2019 21:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.4	28.7	43.1

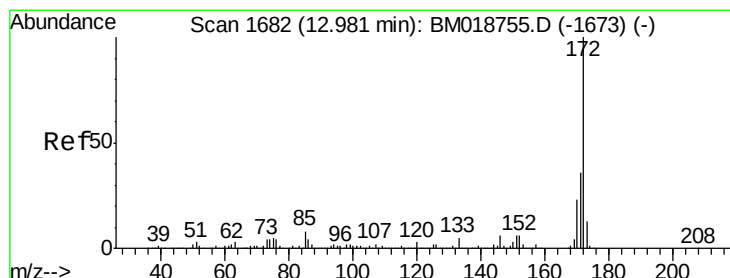
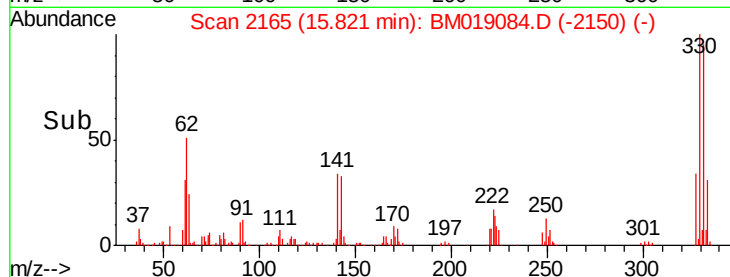
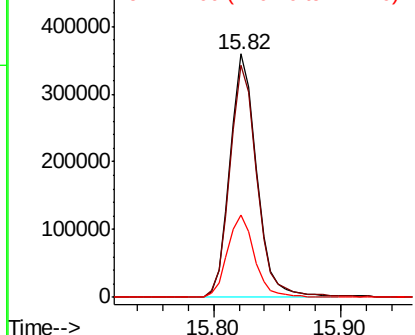


Abundance

Ion 329.80 (329.50 to 330.50): E

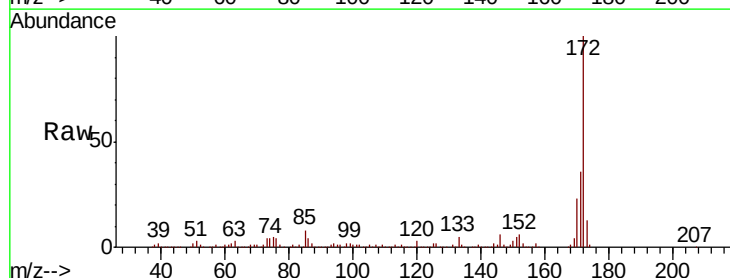
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 63.485 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM019084.D
 Acq: 08 Mar 2019 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.4	18.6	28.0

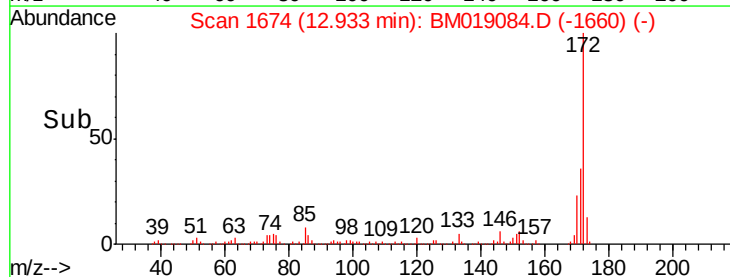
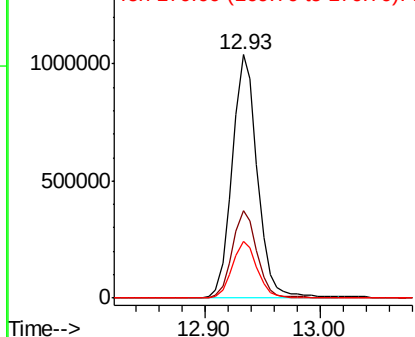


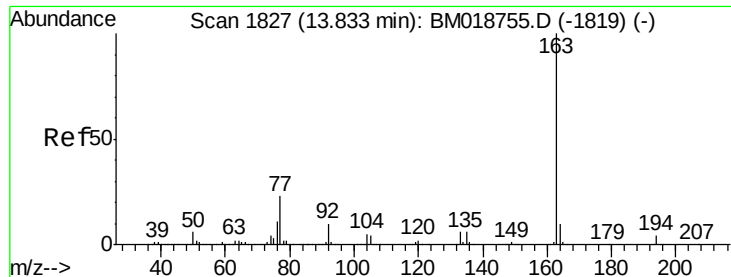
Abundance

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

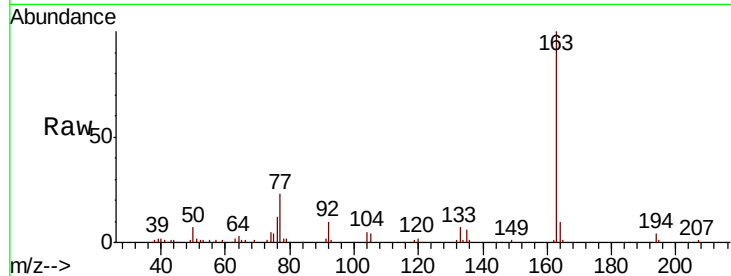




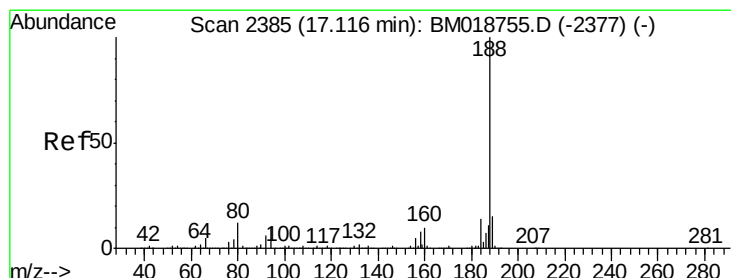
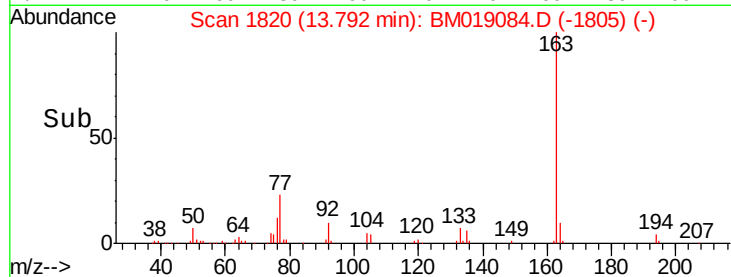
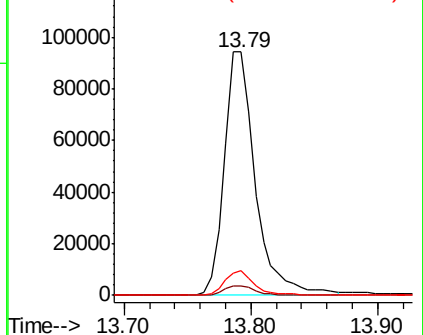
#50
Dimethylphthalate
Concen: 5.832 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 160134
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 7.8 11.8

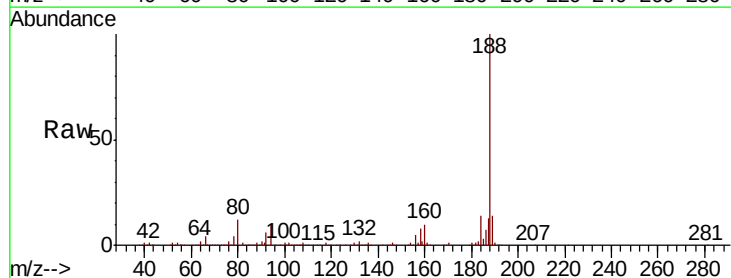


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

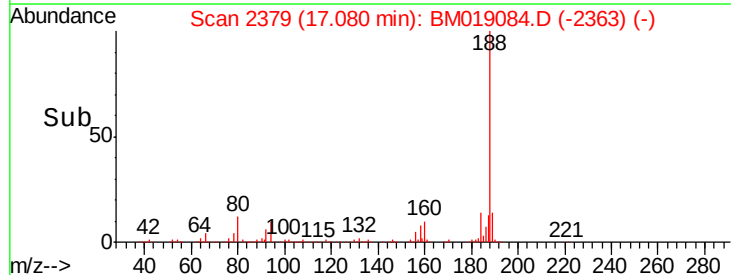
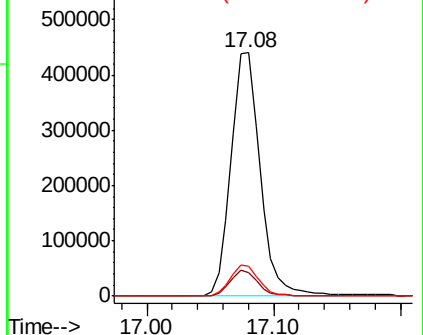


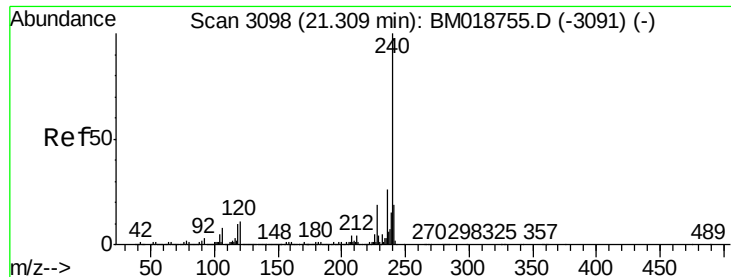
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Tgt Ion:188 Resp: 702300
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.3 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

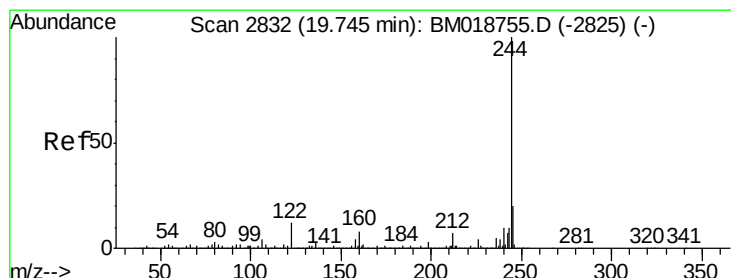
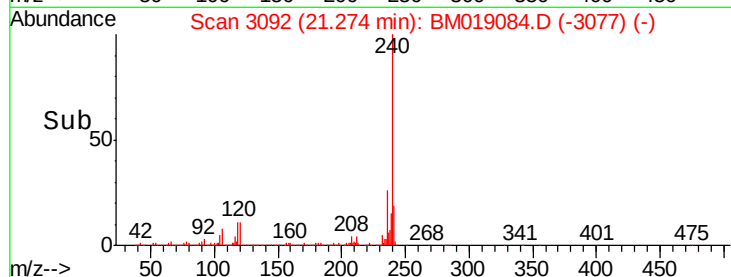
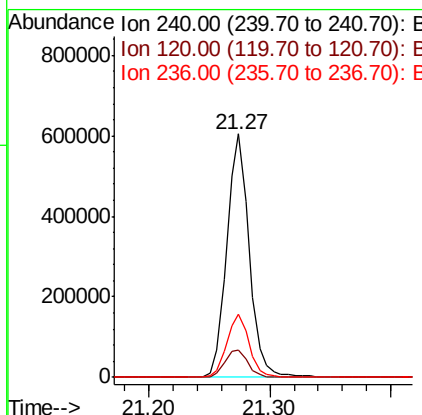
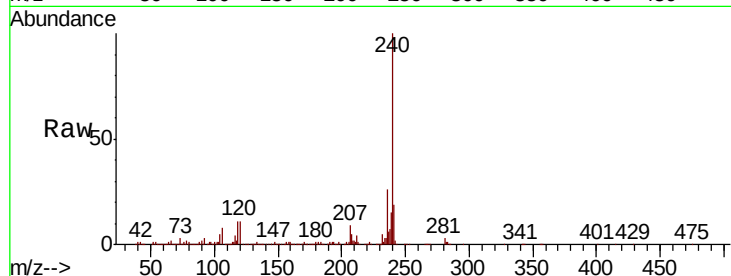




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

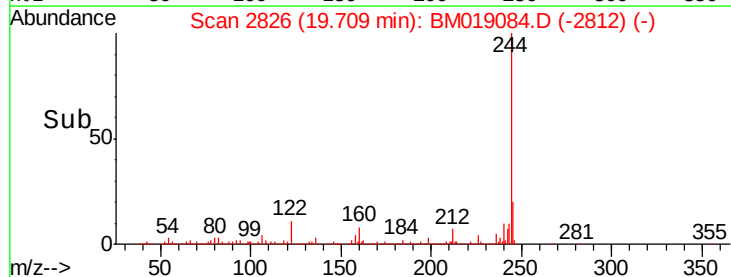
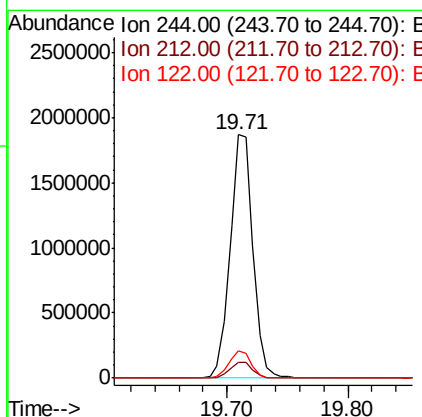
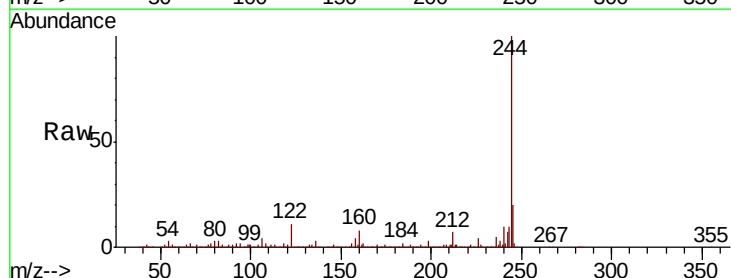
Instrument :
BNA_M
ClientSampleId :

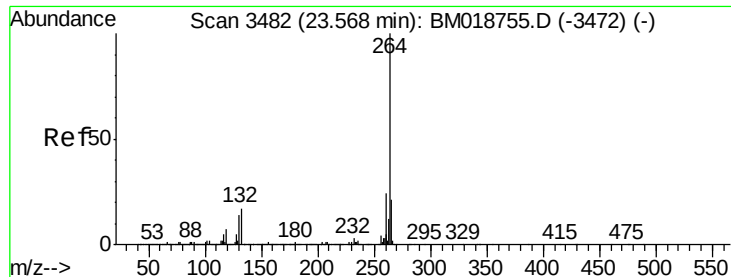
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.9	20.9	31.3



#79
Terphenyl-d14
Concen: 64.494 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.4	9.3	13.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019084.D
Acq: 08 Mar 2019 21:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.3	25.9

