

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018798.D
 Acq On : 13 Feb 2019 10:09
 Operator : JU/SJ
 Sample : K1465-03DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 13 10:57:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

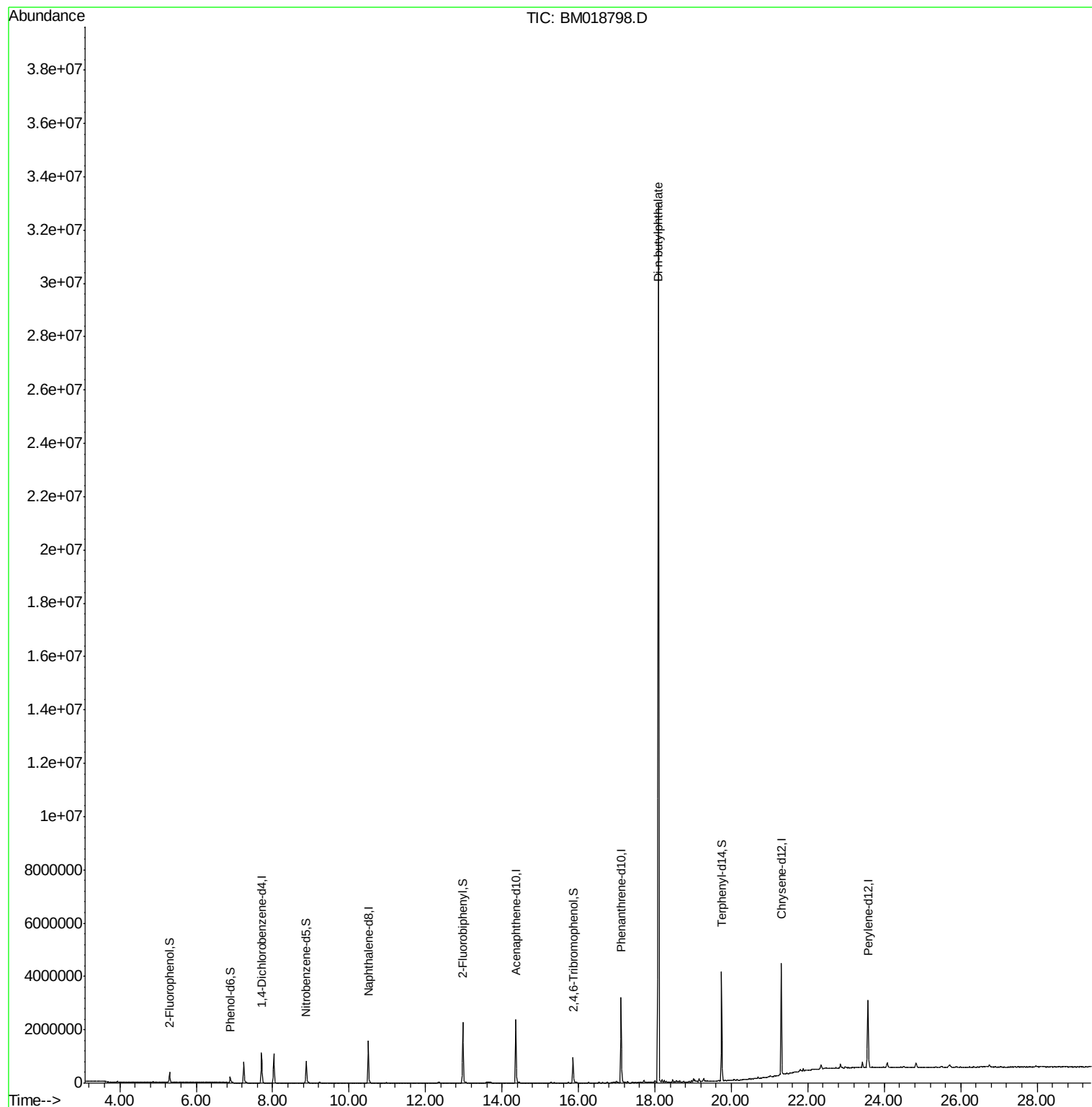
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	302084	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1274460	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	750137	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1788995	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1873163	20.00	ng	0.00
87) Perylene-d12	23.57	264	1763133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	165674	8.99	ng	0.00
7) Phenol-d6	6.89	99	134312	5.17	ng	0.00
23) Nitrobenzene-d5	8.88	82	543751	19.73	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	178785	16.53	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	1167285	20.66	ng	0.00
79) Terphenyl-d14	19.74	244	1684724	18.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	444	Below Cal	#	7
74) Di-n-butylphthalate	18.08	149	17382646	154.595 ng	#	89

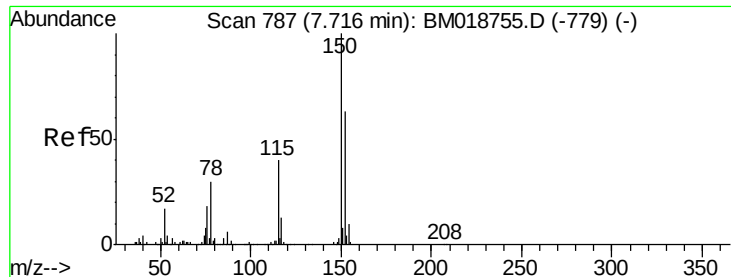
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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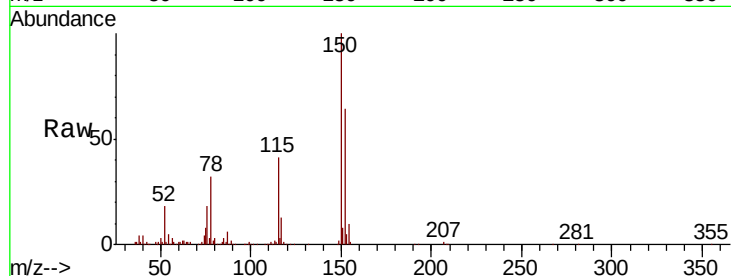


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018798.D
Acq: 13 Feb 2019 10:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	64.3	50.8	76.2

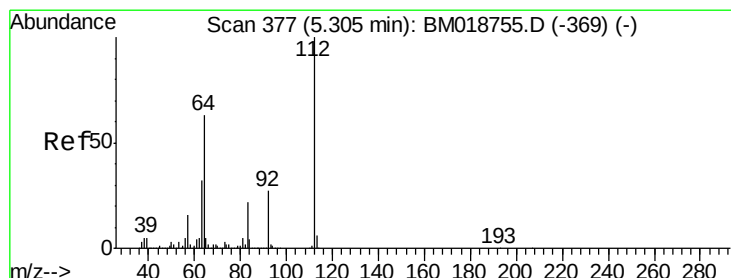
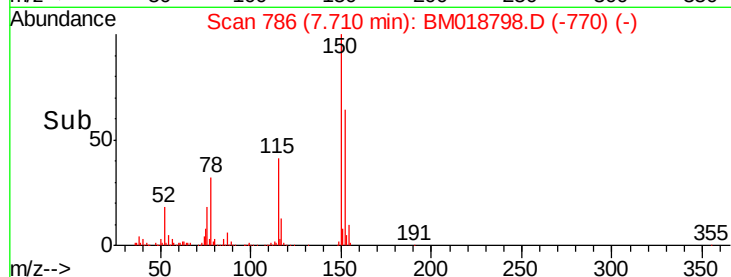
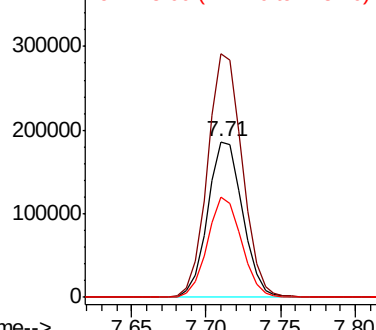


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

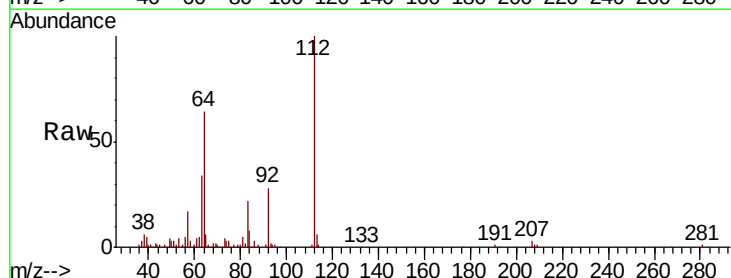
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.986 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018798.D
Acq: 13 Feb 2019 10:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	75.8
63	34.3	25.7	38.5

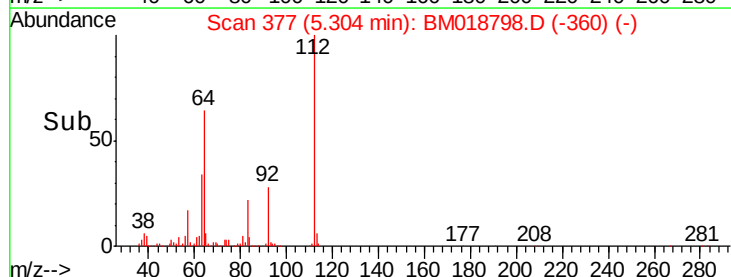
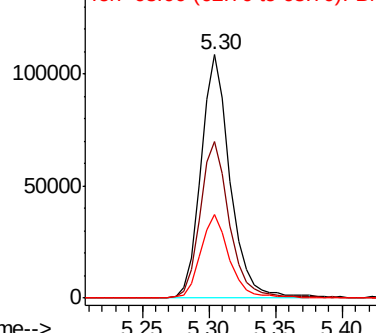


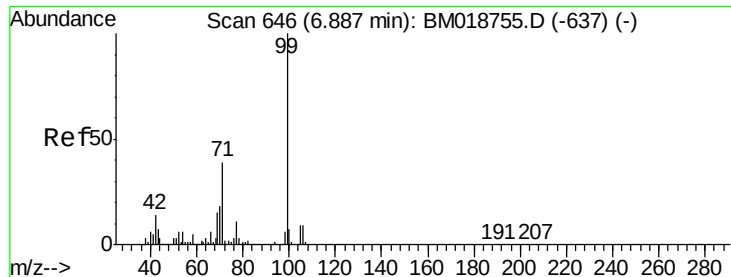
Abundance

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: 5.171 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

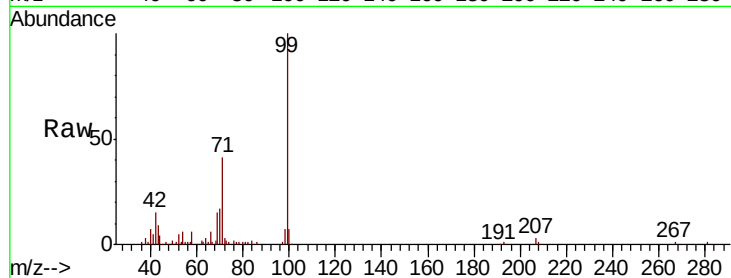
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 134312

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.0	16.6
71	41.2	31.3	46.9

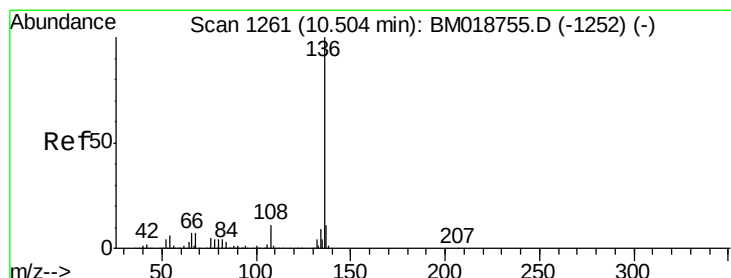
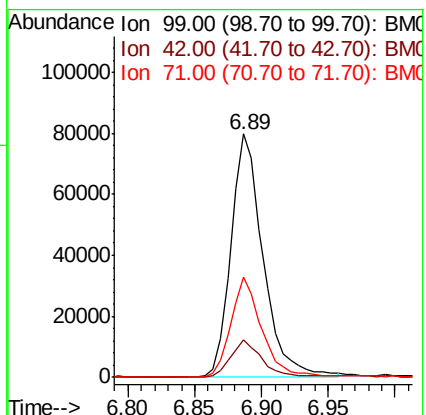
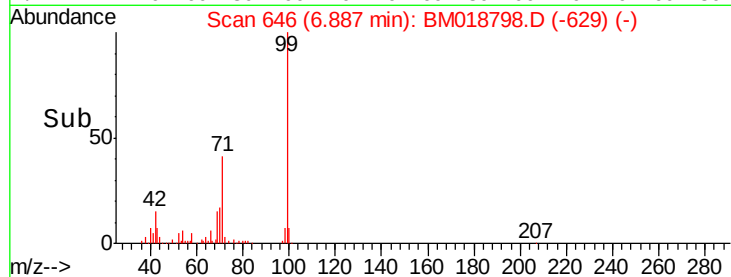


Abundance

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: 10.50 min Scan# 1261

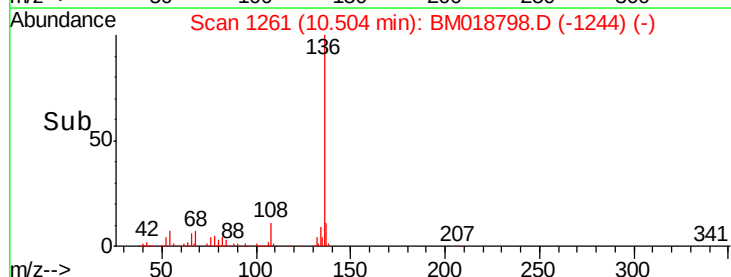
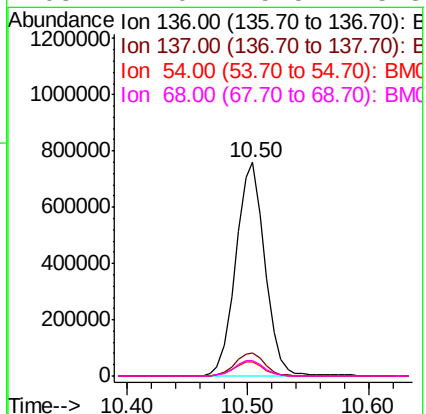
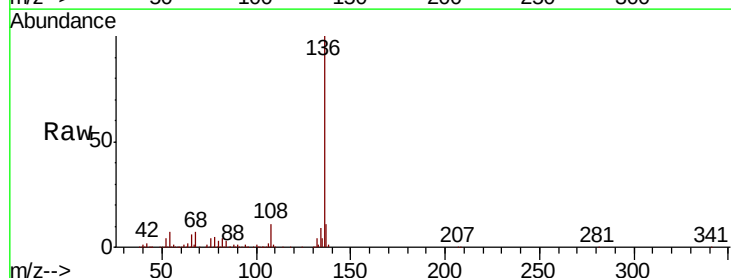
Delta R.T. -0.00 min

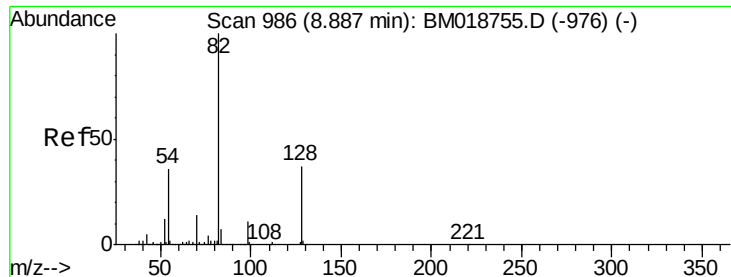
Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

Tgt Ion: 136 Resp: 1274460

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.0	7.6
68	7.0	5.5	8.3

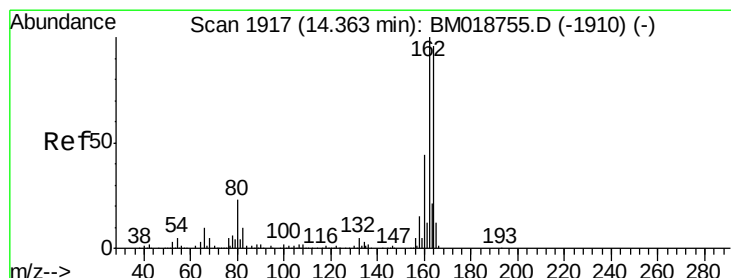
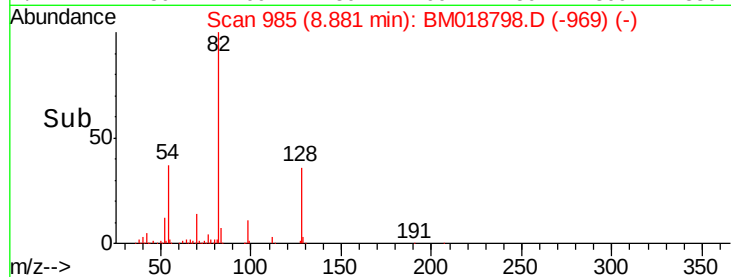
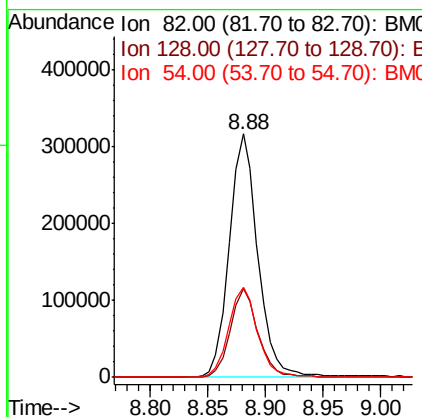
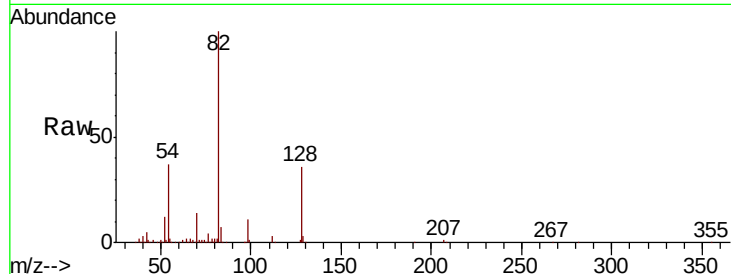




#23
Nitrobenzene-d5
Concen: 19.728 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018798.D
Acq: 13 Feb 2019 10:09

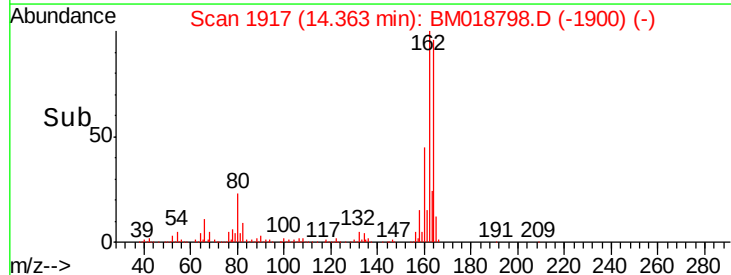
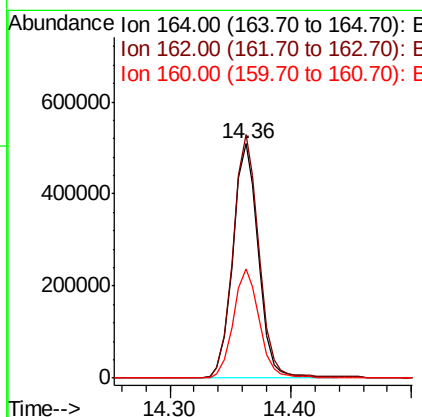
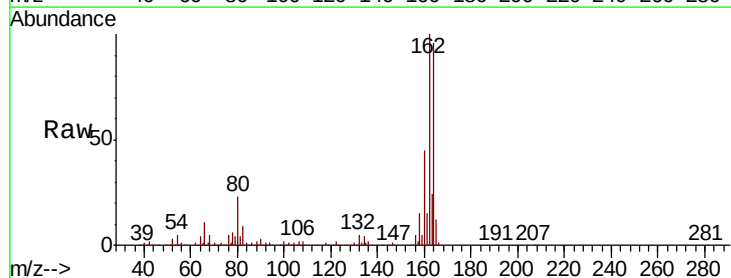
Instrument :
BNA_M
ClientSampleId :

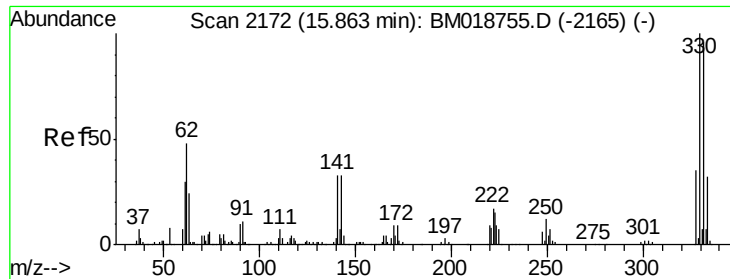
Tot Ion	82	Resp	543751
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.9	44.9
54	37.1	29.1	43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018798.D
Acq: 13 Feb 2019 10:09

Tgt Ion	164	Resp	750137
Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.0
160	46.9	36.6	55.0

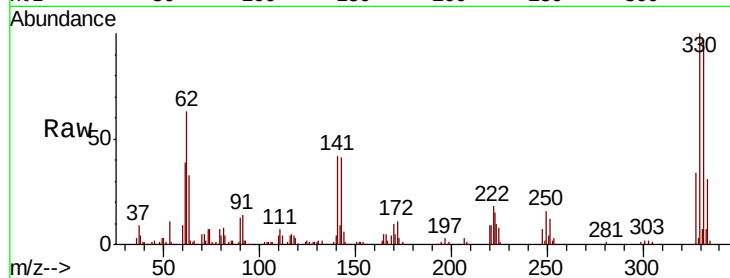




#42
 2,4,6-Tribromophenol
 Concen: 16.534 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018798.D
 Acq: 13 Feb 2019 10:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	39.2	28.7	43.1

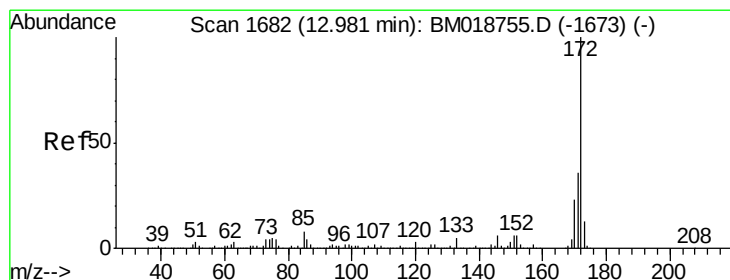
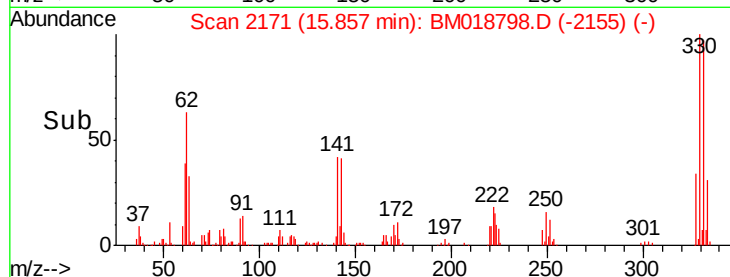
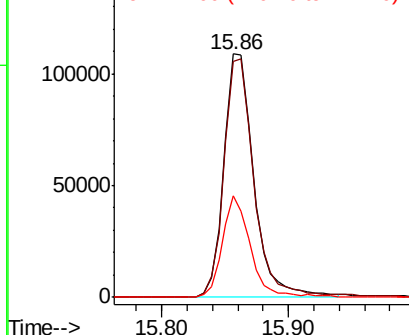


Abundance

Ion 329.80 (329.50 to 330.50): E

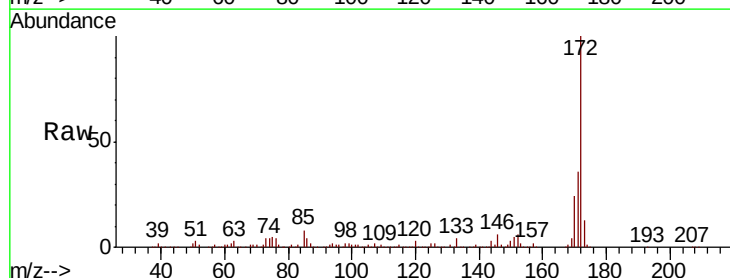
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 20.657 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018798.D
 Acq: 13 Feb 2019 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.6	18.6	28.0

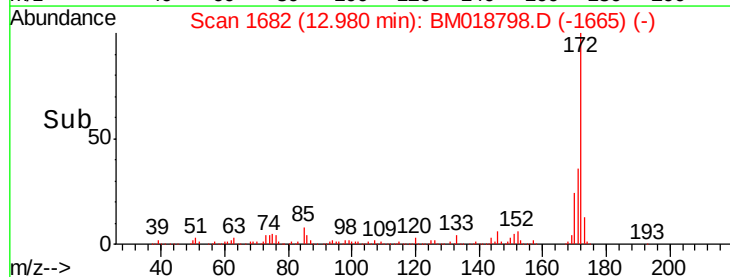
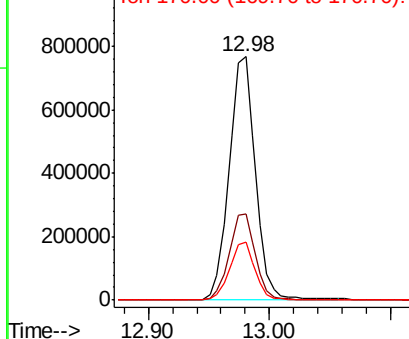


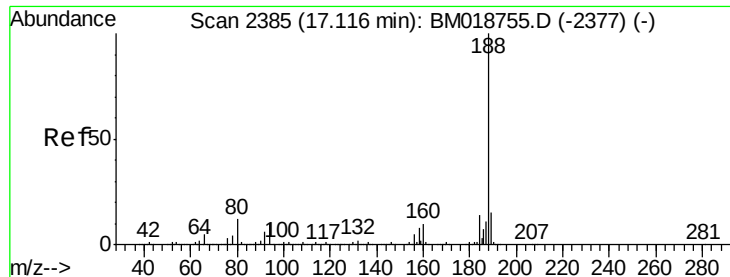
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

Instrument :

BNA_M

ClientSampleId :

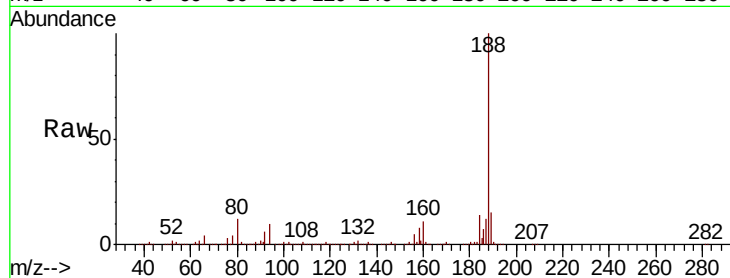
Tot Ion:188 Resp: 1788995

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

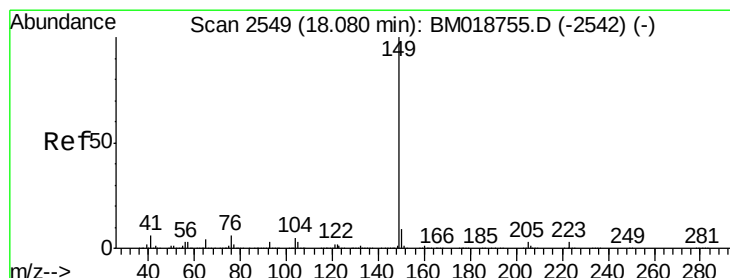
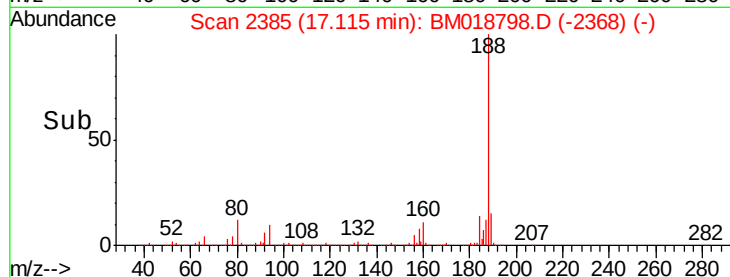
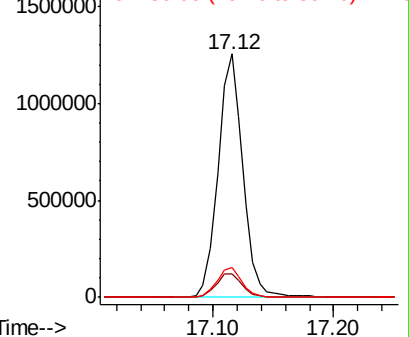
80 12.2 9.7 14.5



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



#74

Di-n-butylphthalate

Concen: 154.595 ng

RT: 18.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

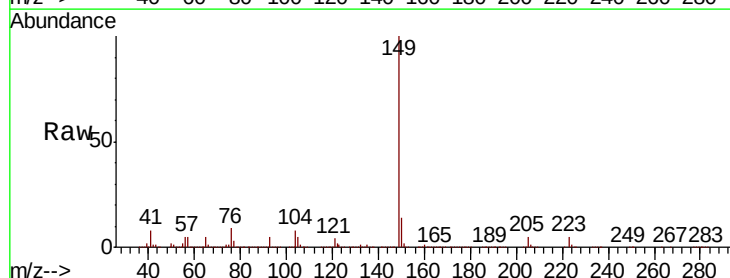
Tgt Ion:149 Resp:17382646

Ion Ratio Lower Upper

149 100

150 13.7 7.4 11.0#

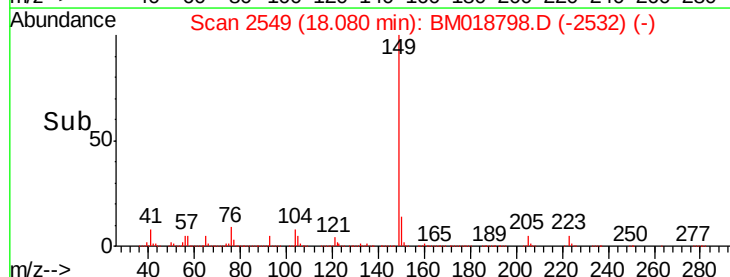
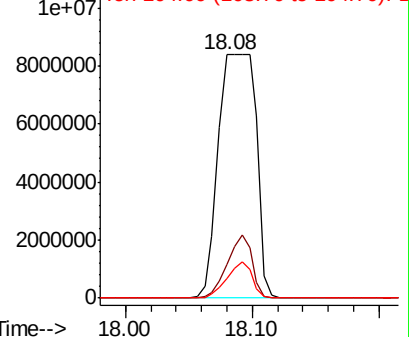
104 8.0 4.3 6.5#

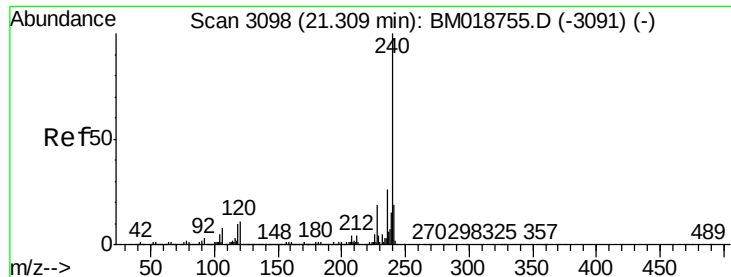


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

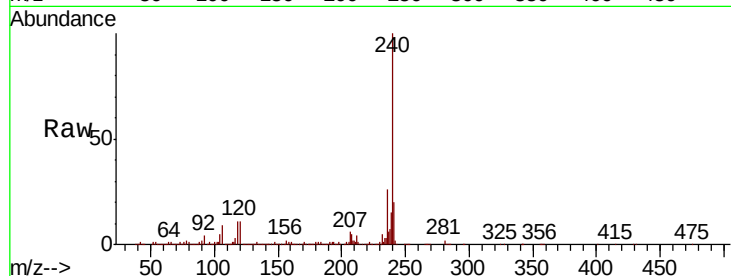
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1873163

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.0	20.9	31.3

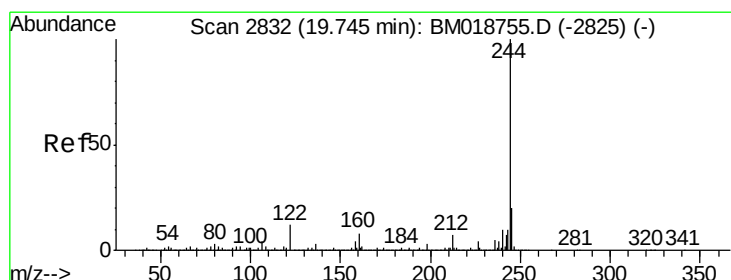
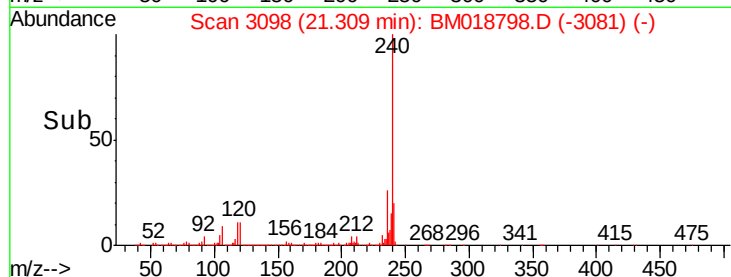
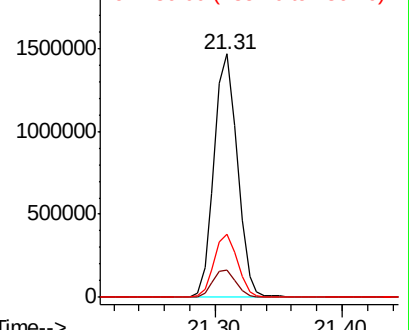


Abundance

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: 18.554 ng

RT: 19.74 min Scan# 2832

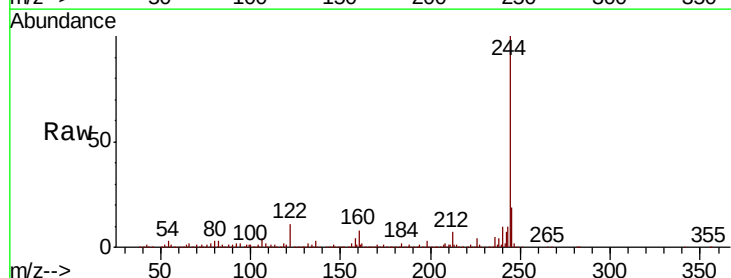
Delta R.T. -0.00 min

Lab File: BM018798.D

Acq: 13 Feb 2019 10:09

Tgt Ion:244 Resp: 1684724

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.4	9.3	13.9

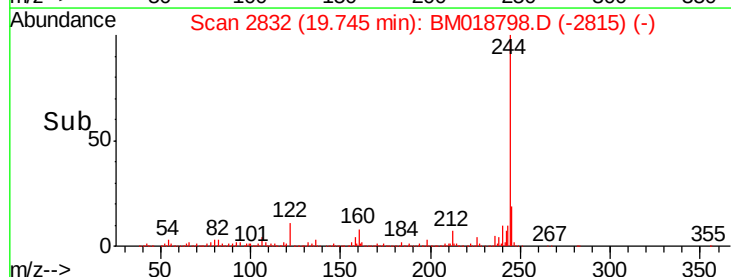
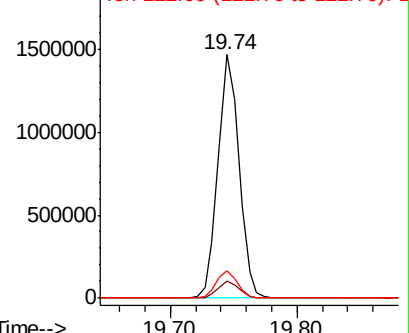


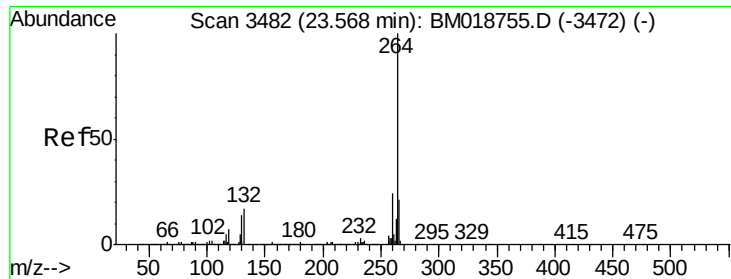
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BM018798.D
Acq: 13 Feb 2019 10:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1763133

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.8	17.3	25.9

