

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019086.D
 Acq On : 08 Mar 2019 22:40
 Operator : JU/SJ
 Sample : K1807-35
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:48:26 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

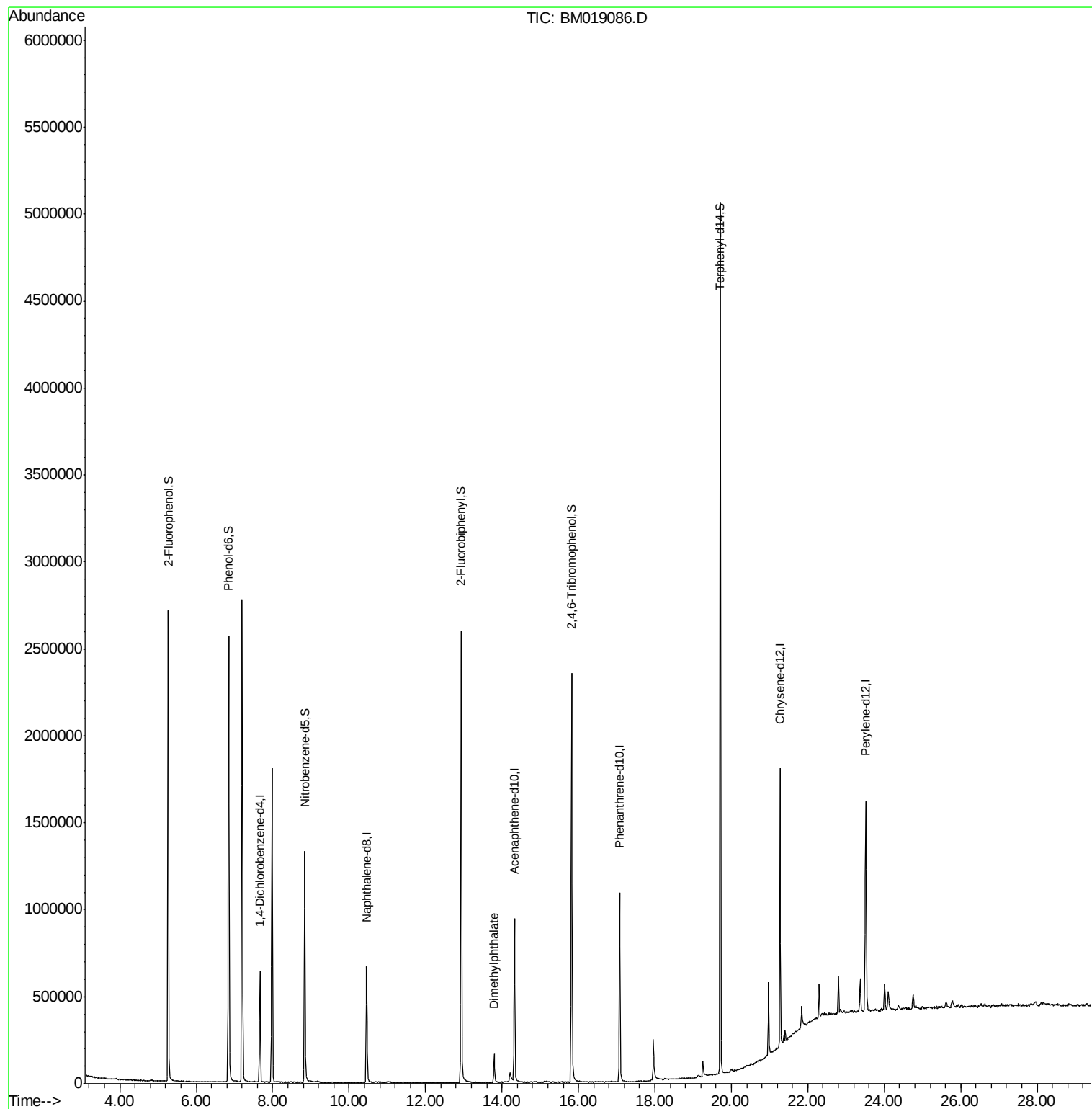
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	164520	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	585476	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	304868	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	655582	20.00	ng	0.00
76) Chrysene-d12	21.27	240	737321	20.00	ng	-0.01
87) Perylene-d12	23.51	264	869439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1125572	112.10	ng	0.00
7) Phenol-d6	6.85	99	1494888	105.68	ng	-0.01
23) Nitrobenzene-d5	8.83	82	918297	72.52	ng	-0.02
42) 2,4,6-Tribromophenol	15.82	330	460676	104.83	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1385992	60.35	ng	-0.02
79) Terphenyl-d14	19.71	244	2163268	60.52	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	3769	Below Cal		Qvalue # 7
50) Dimethylphthalate	13.79	163	120985	4.762	ng	99

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

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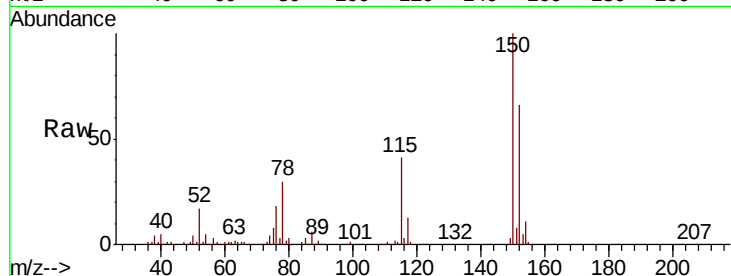


#1

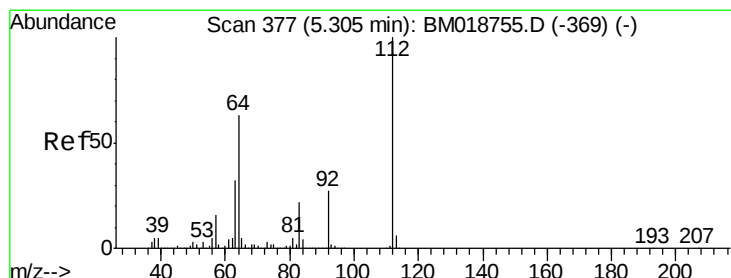
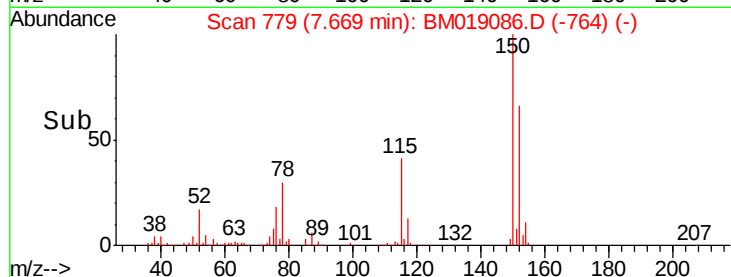
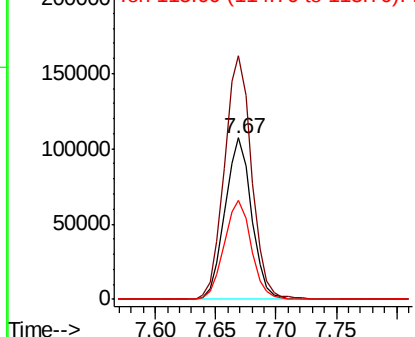
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019086.D
Acq: 08 Mar 2019 22:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 164520
Ion Ratio Lower Upper
152 100
150 151.1 127.3 190.9
115 61.6 50.8 76.2



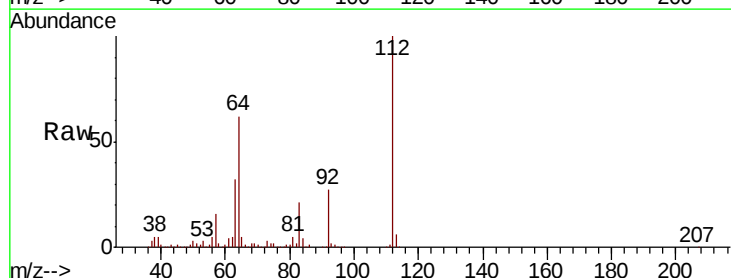
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



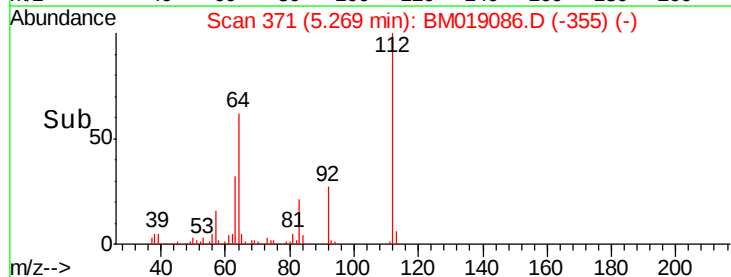
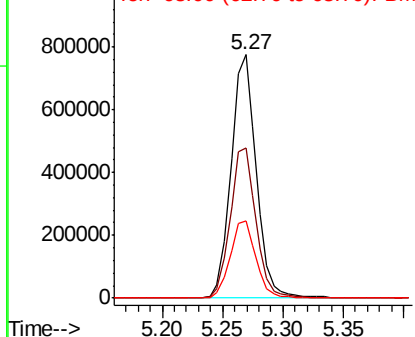
#5

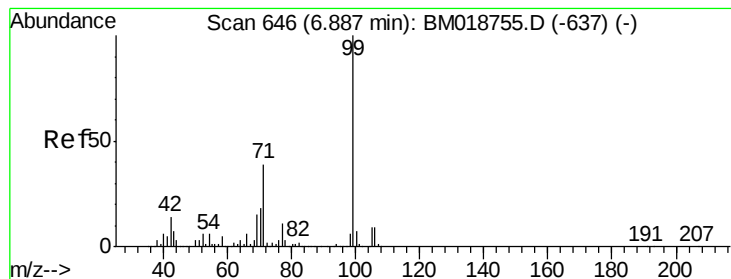
2-Fluorophenol
Concen: 112.097 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019086.D
Acq: 08 Mar 2019 22:40

Tgt Ion:112 Resp: 1125572
Ion Ratio Lower Upper
112 100
64 61.6 50.6 75.8
63 31.7 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: 105.680 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019086.D

Acq: 08 Mar 2019 22:40

Instrument :

BNA_M

ClientSampleId :

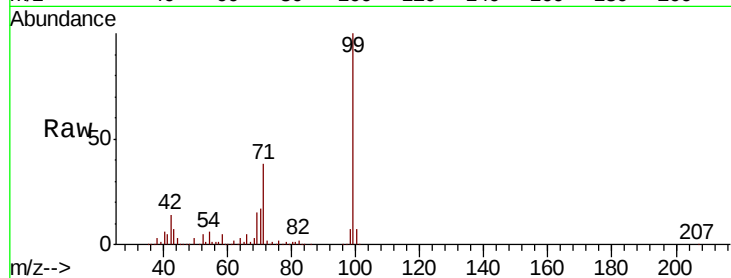
Tot Ion: 99 Resp: 1494888

Ion Ratio Lower Upper

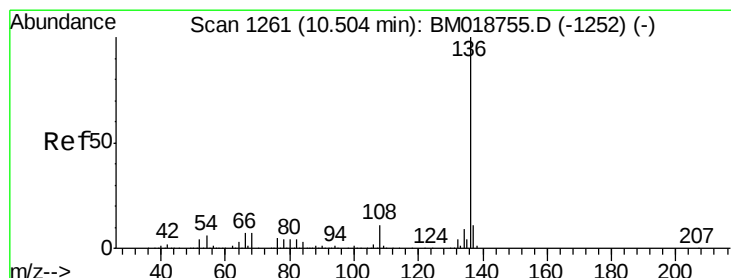
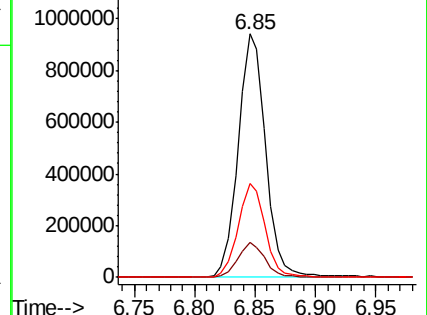
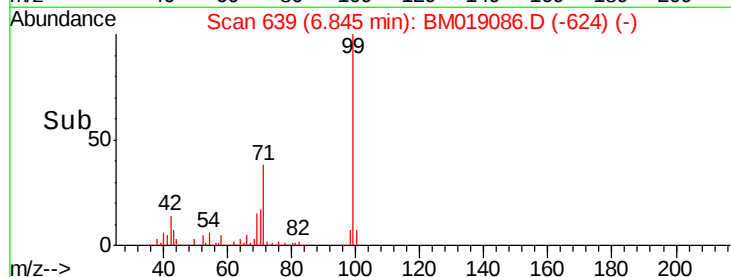
99 100

42 14.1 11.0 16.6

71 38.4 31.3 46.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019086.D

Acq: 08 Mar 2019 22:40

Tgt Ion: 136 Resp: 585476

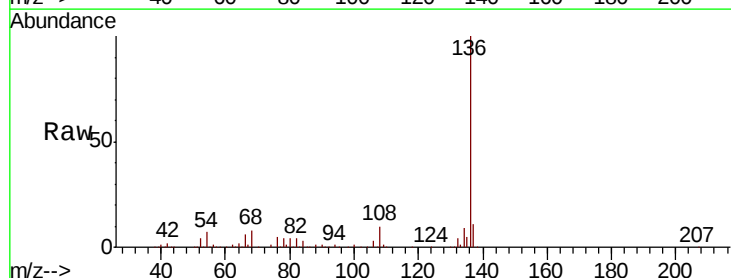
Ion Ratio Lower Upper

136 100

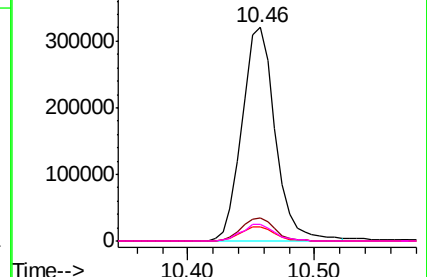
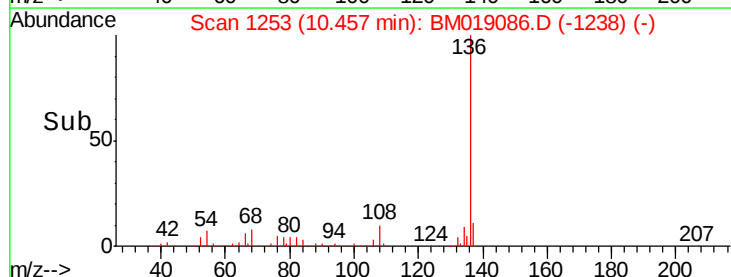
137 11.0 8.8 13.2

54 6.8 5.0 7.6

68 7.8 5.5 8.3



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

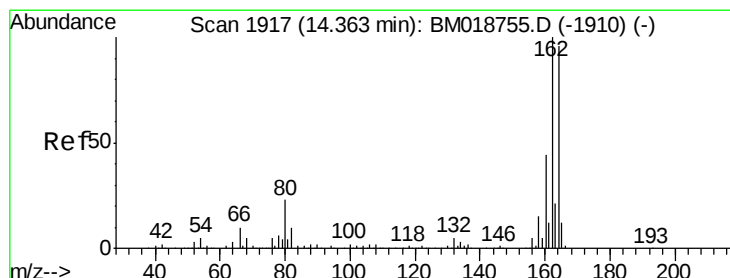
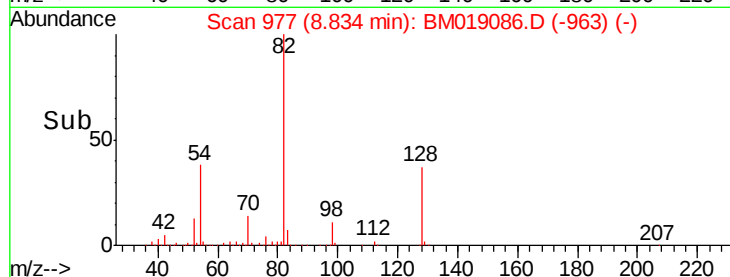
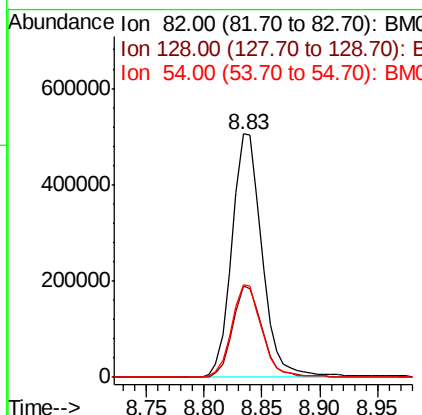
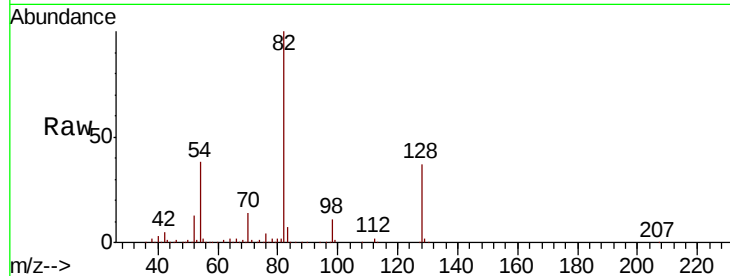




#23
Nitrobenzene-d5
Concen: 72.524 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BM019086.D
Acq: 08 Mar 2019 22:40

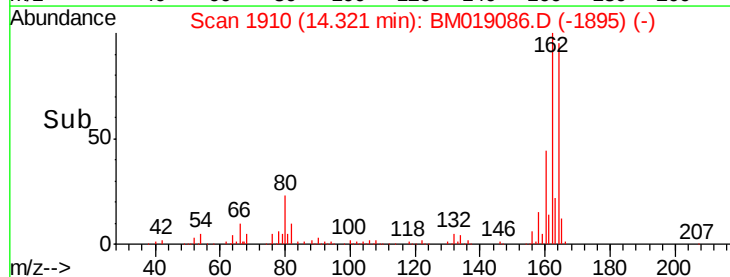
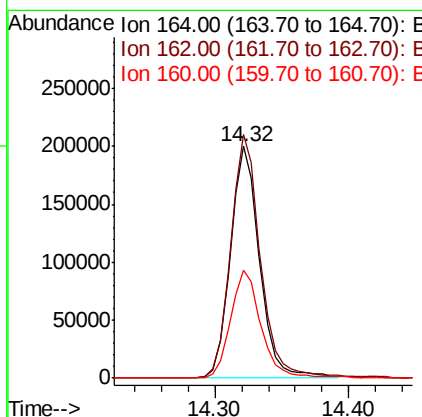
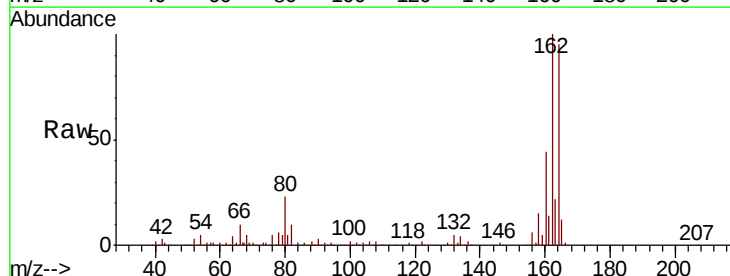
Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	918297
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.9	44.9
54	38.1	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: BM019086.D
Acq: 08 Mar 2019 22:40

Tgt Ion	164	Resp	304868
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.4	125.0
160	46.5	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 104.828 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM019086.D

Acq: 08 Mar 2019 22:40

Instrument :

BNA_M

ClientSampleId :

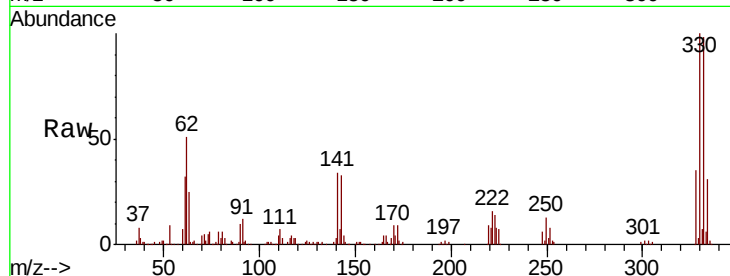
Tot Ion:330 Resp: 460676

Ion Ratio Lower Upper

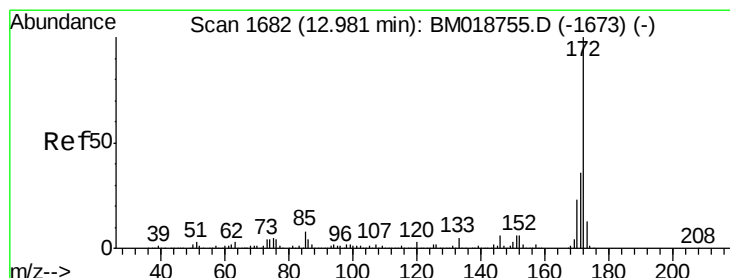
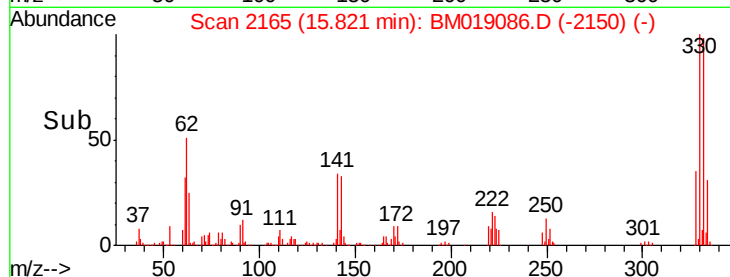
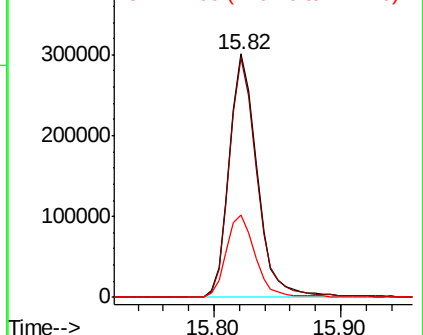
330 100

332 97.5 76.9 115.3

141 35.4 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: 60.350 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BM019086.D

Acq: 08 Mar 2019 22:40

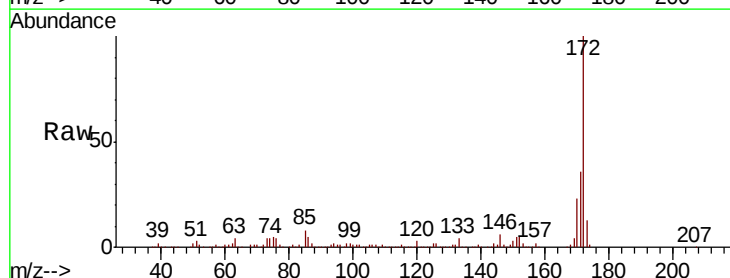
Tgt Ion:172 Resp: 1385992

Ion Ratio Lower Upper

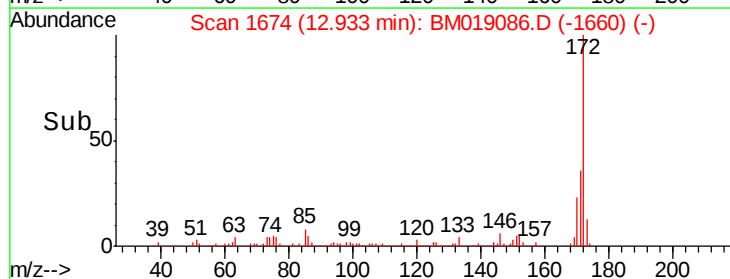
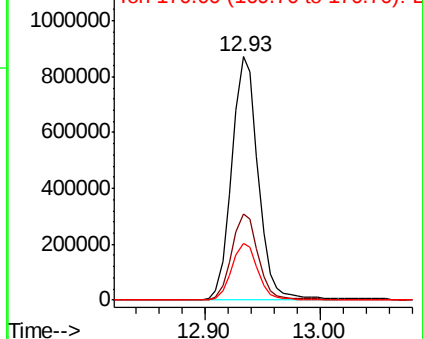
172 100

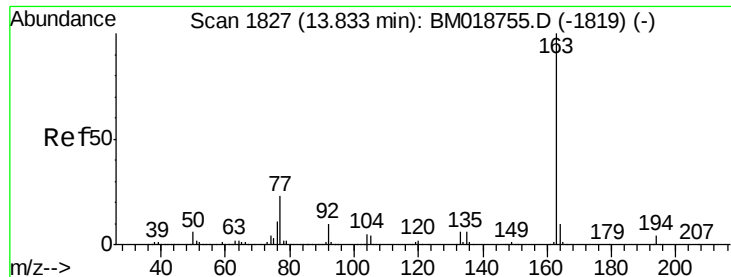
171 35.7 29.0 43.6

170 23.1 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

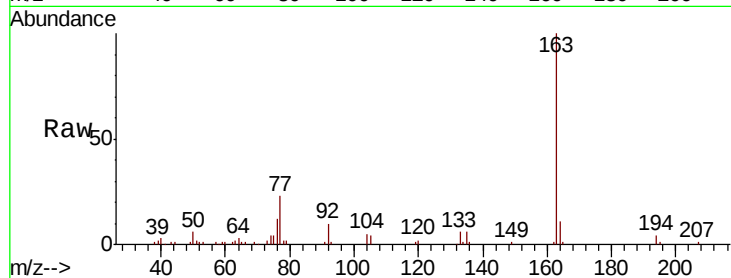




#50
Dimethylphthalate
Concen: 4.762 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019086.D
Acq: 08 Mar 2019 22:40

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.8	11.8

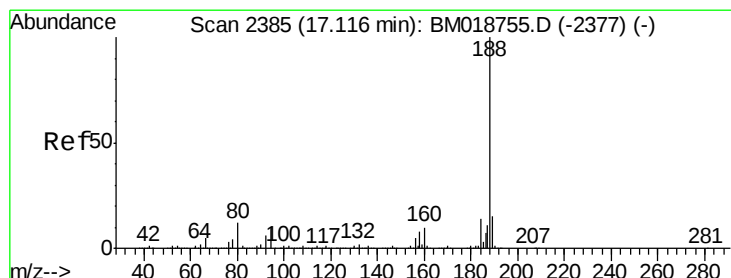
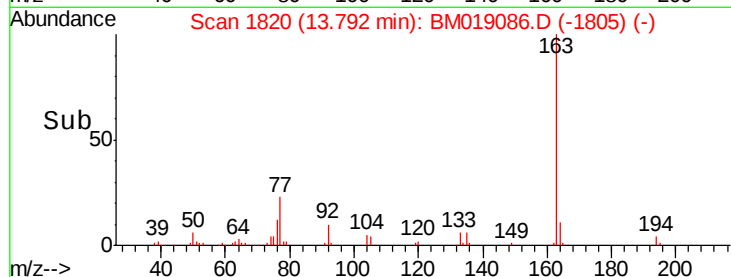
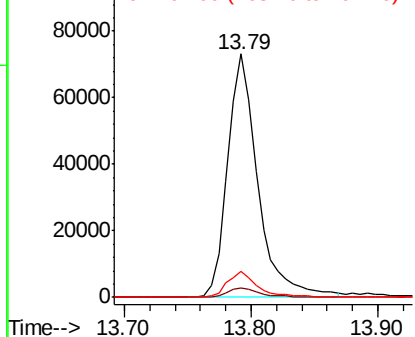


Abundance

Ion 163.00 (162.70 to 163.70): E

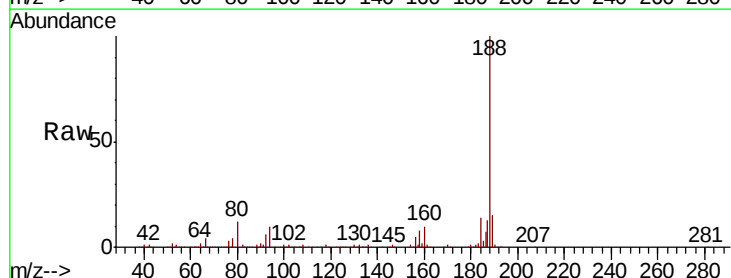
Ion 194.00 (193.70 to 194.70): E

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: BM019086.D
Acq: 08 Mar 2019 22:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	11.5	9.7	14.5

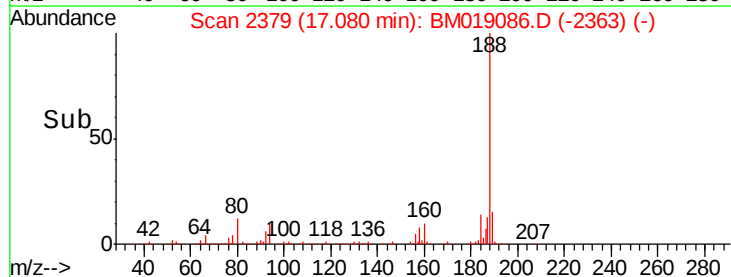
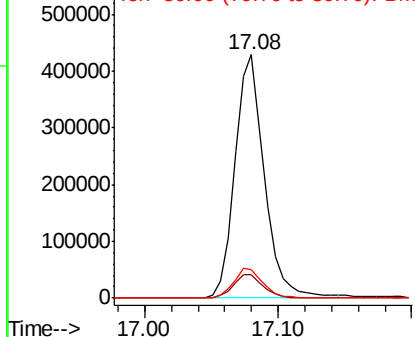


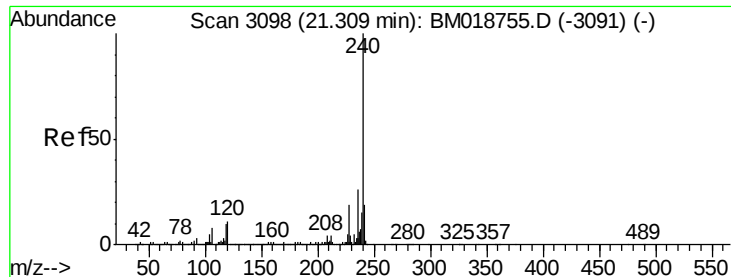
Abundance

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: BM019086.D

Acq: 08 Mar 2019 22:40

Instrument :

BNA_M

ClientSampleId :

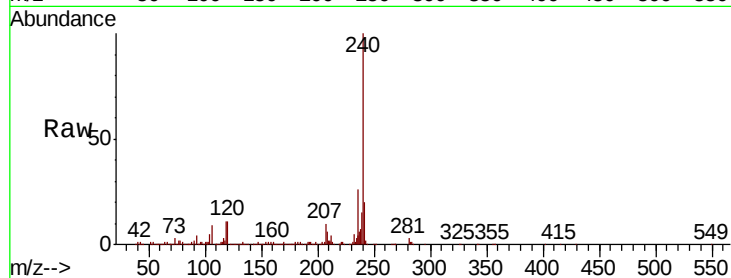
Tot Ion:240 Resp: 737321

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

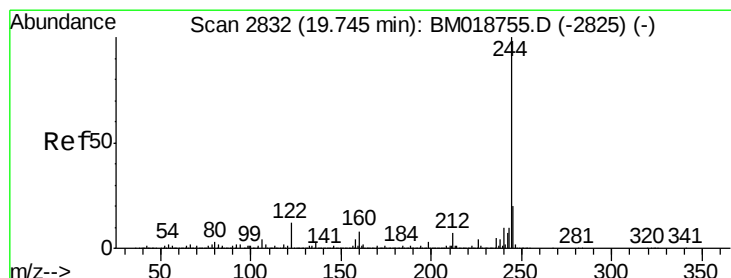
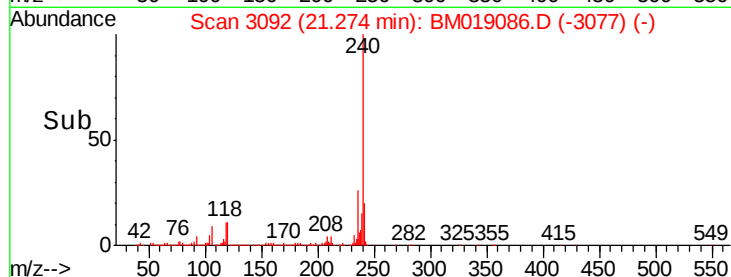
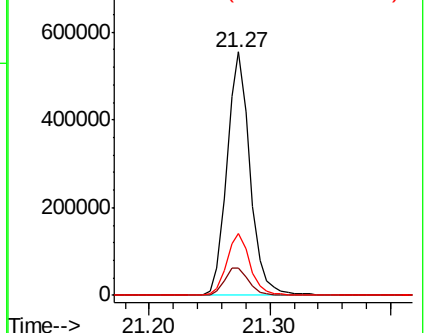
236 25.6 20.9 31.3



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: 60.524 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.02 min

Lab File: BM019086.D

Acq: 08 Mar 2019 22:40

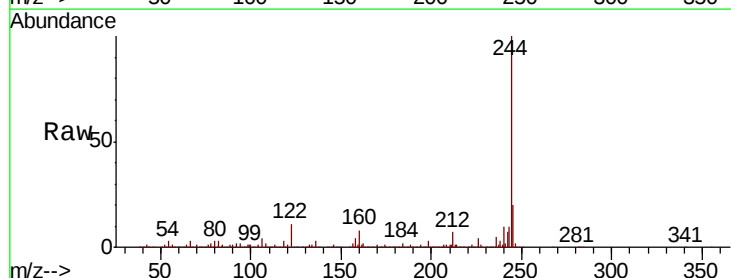
Tgt Ion:244 Resp: 2163268

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

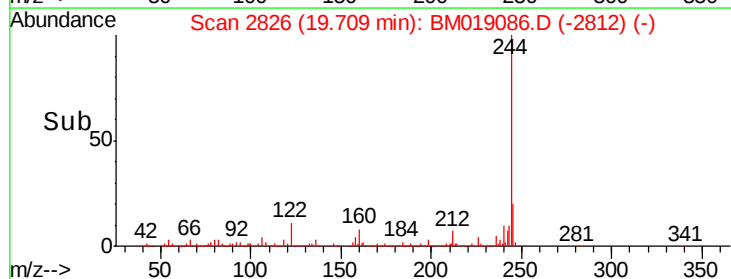
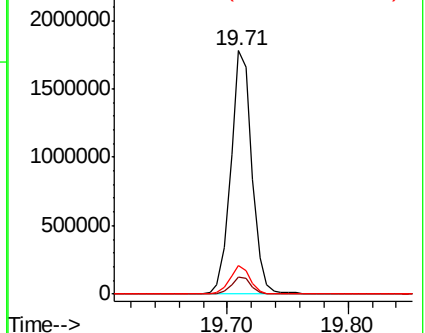
122 11.5 9.3 13.9

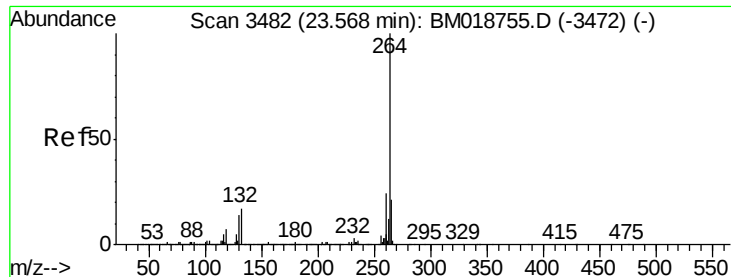


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.51 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019086.D
Acq: 08 Mar 2019 22:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.5	17.3	25.9

