

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019078.D
 Acq On : 08 Mar 2019 17:54
 Operator : JU/SJ
 Sample : PB117734BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:46:39 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

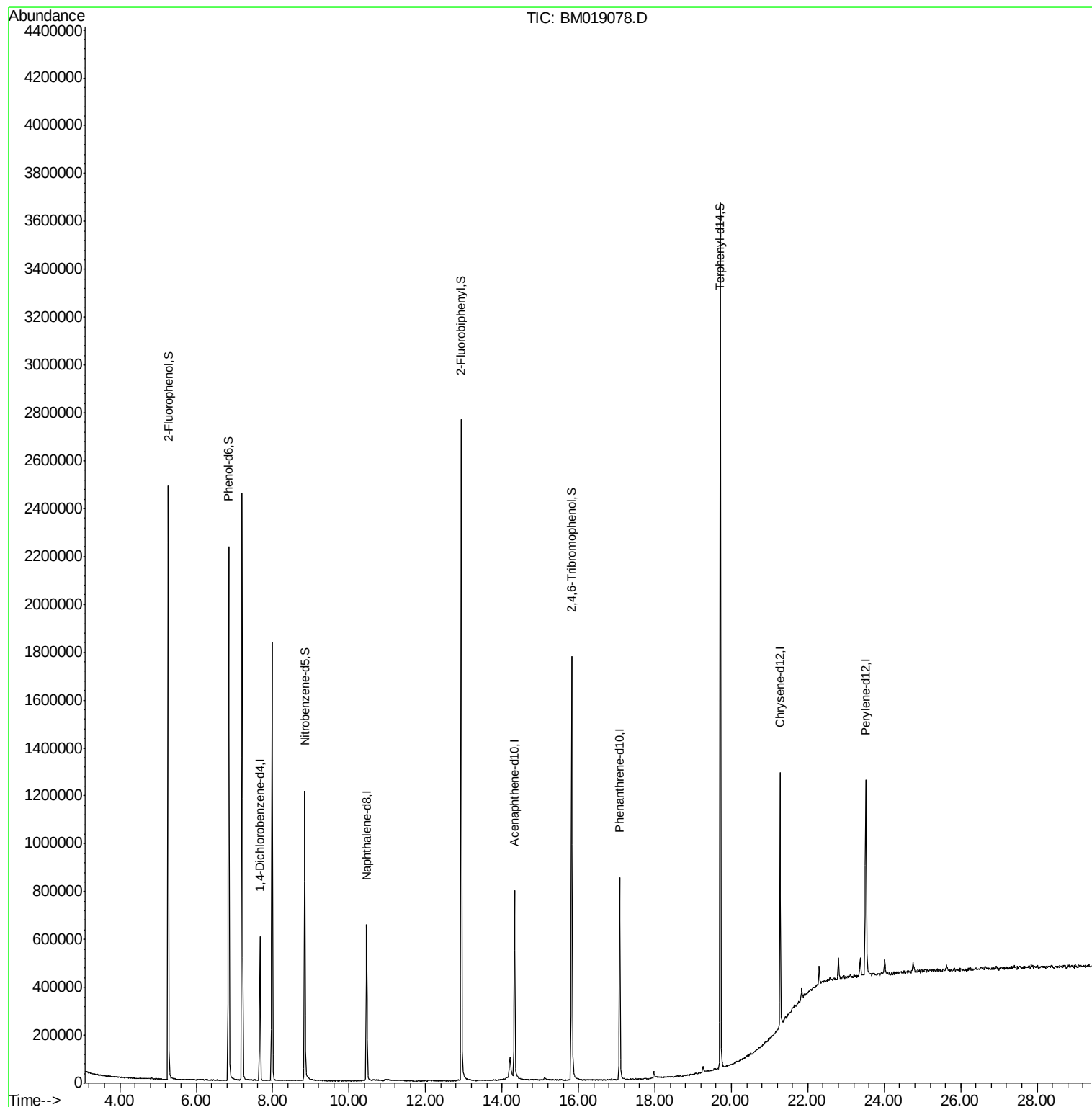
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	155991	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	553230	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	268299	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	526351	20.00	ng	0.00
76) Chrysene-d12	21.27	240	513735	20.00	ng	-0.01
87) Perylene-d12	23.51	264	637476	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1008156	105.89	ng	0.00
7) Phenol-d6	6.85	99	1320314	98.44	ng	-0.01
23) Nitrobenzene-d5	8.84	82	813597	68.00	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	358154	92.61	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1472745	72.87	ng	-0.02
79) Terphenyl-d14	19.71	244	1693871	68.02	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	2502	Below Cal	Qvalue #	7

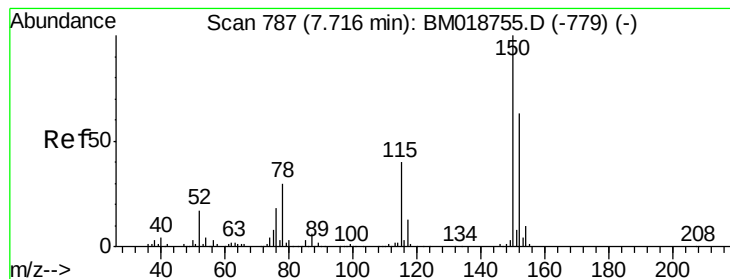
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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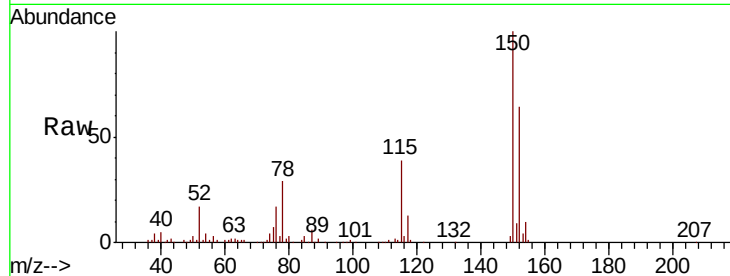


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019078.D
Acq: 08 Mar 2019 17:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	60.9	50.8	76.2

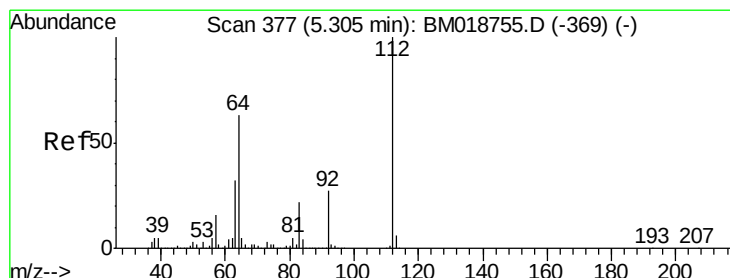
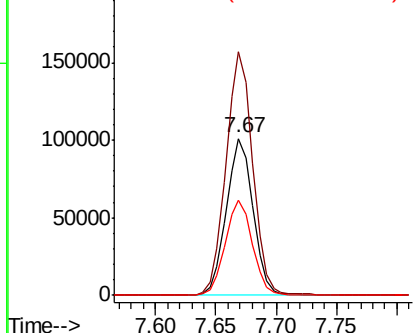
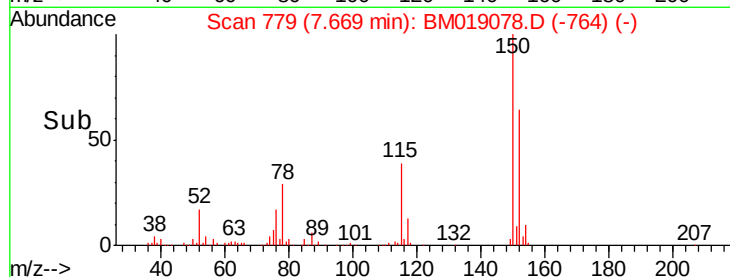


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

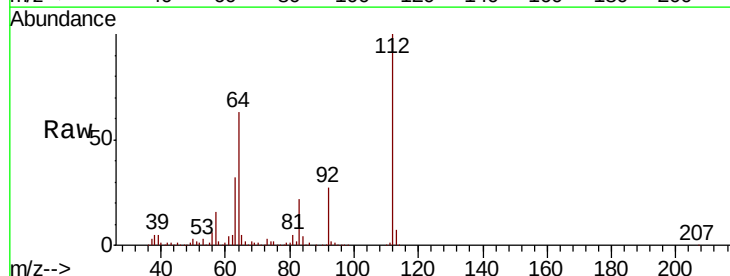
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.893 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019078.D
Acq: 08 Mar 2019 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.6	75.8
63	31.9	25.7	38.5

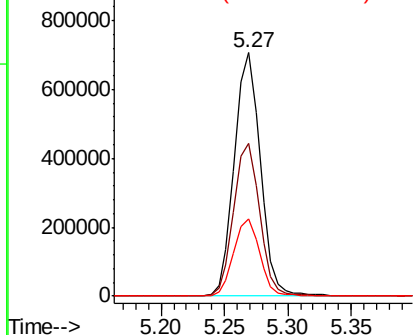
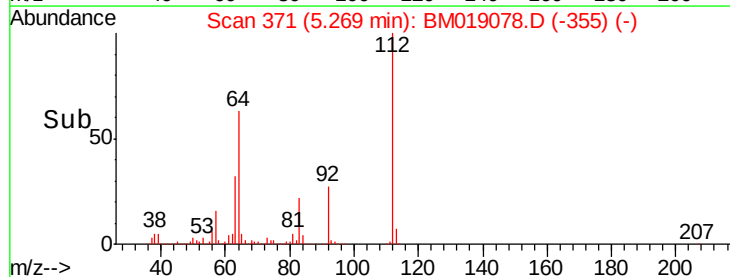


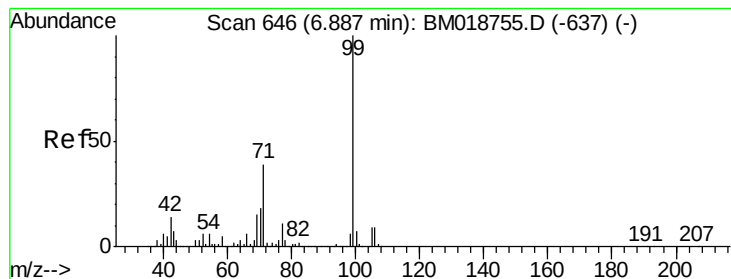
Abundance

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: 98.442 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019078.D

Acq: 08 Mar 2019 17:54

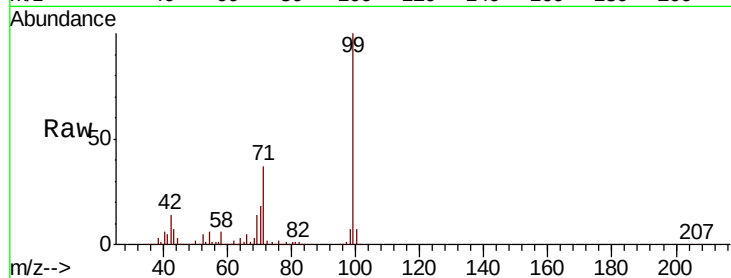
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1320314

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	37.4	31.3	46.9

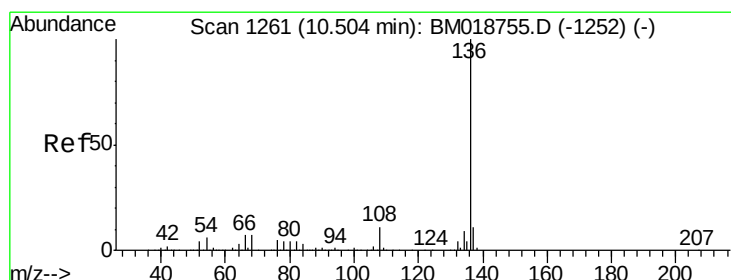
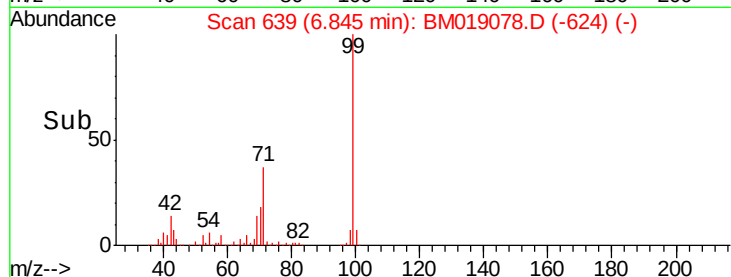
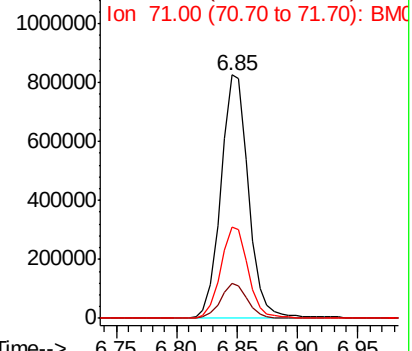


Abundance

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

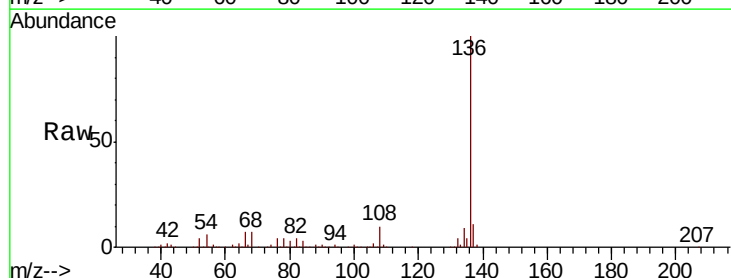
Delta R.T. -0.01 min

Lab File: BM019078.D

Acq: 08 Mar 2019 17:54

Tgt Ion: 136 Resp: 553230

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.3	5.0	7.6
68	6.8	5.5	8.3



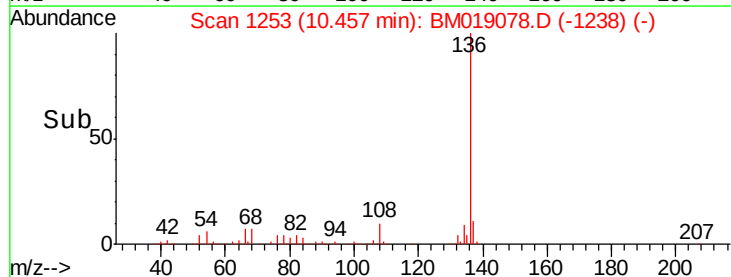
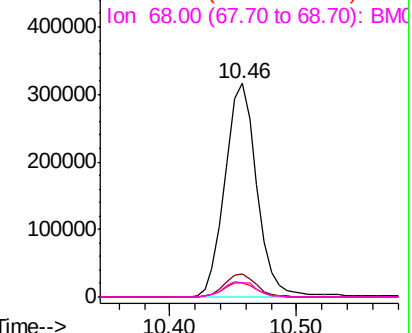
Abundance

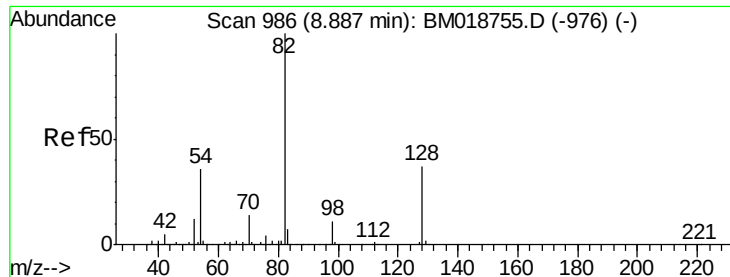
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

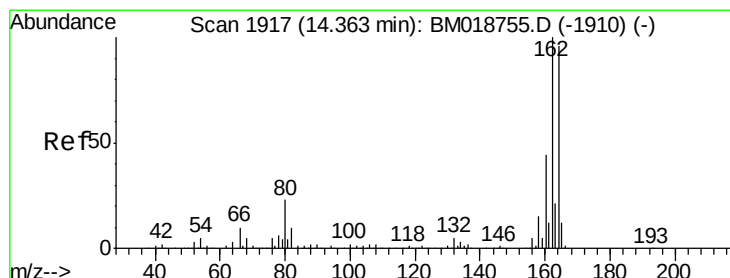
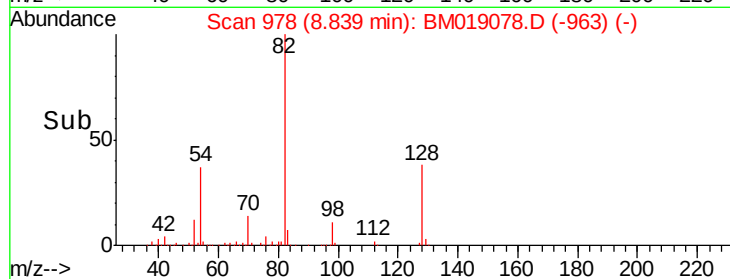
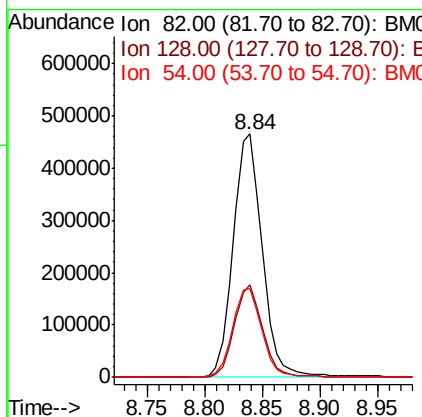
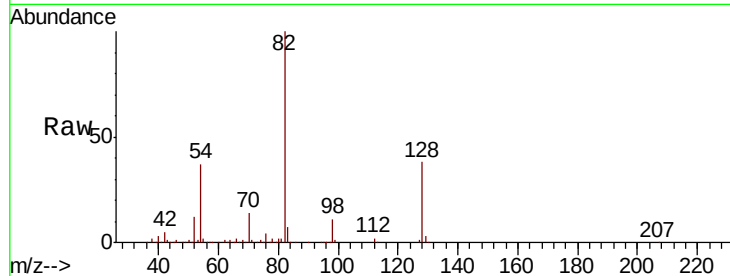




#23
 Nitrobenzene-d5
 Concen: 68.000 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM019078.D
 Acq: 08 Mar 2019 17:54

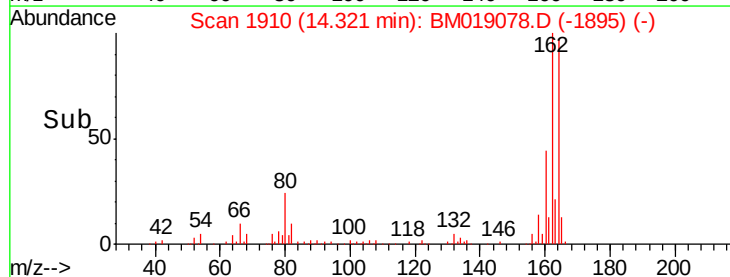
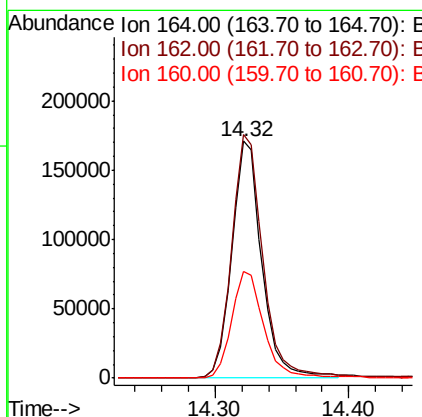
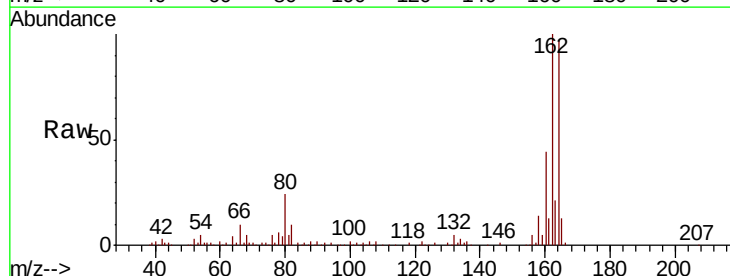
Instrument :
 BNA_M
 ClientSampleId :

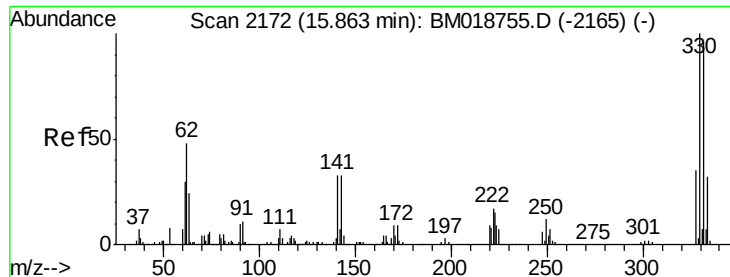
Tot Ion	82	Resp	813597
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.9	44.9
54	36.6	29.1	43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM019078.D
 Acq: 08 Mar 2019 17:54

Tgt Ion	164	Resp	268299
Ion Ratio	Lower	Upper	
164	100		
162	102.7	83.4	125.0
160	44.8	36.6	55.0

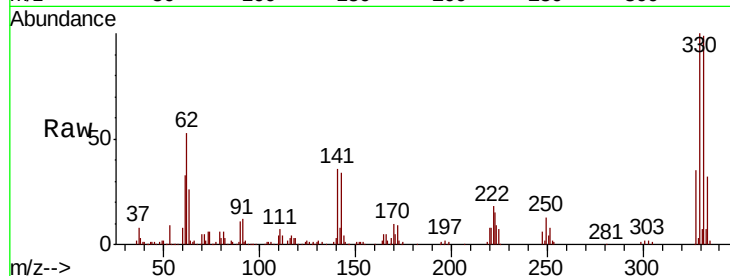




#42
 2,4,6-Tribromophenol
 Concen: 92.607 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM019078.D
 Acq: 08 Mar 2019 17:54

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	35.2	28.7	43.1

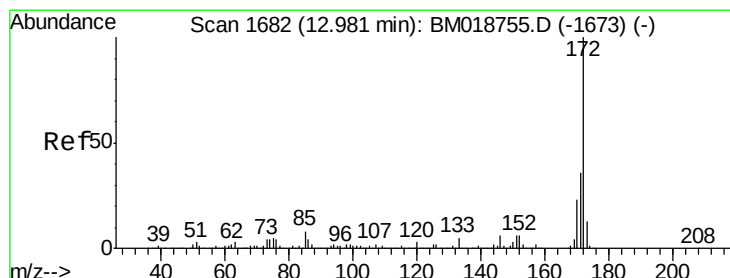
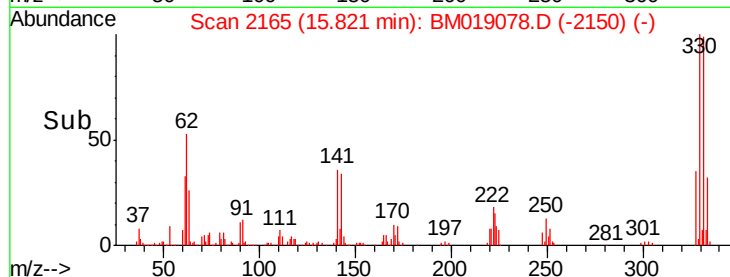
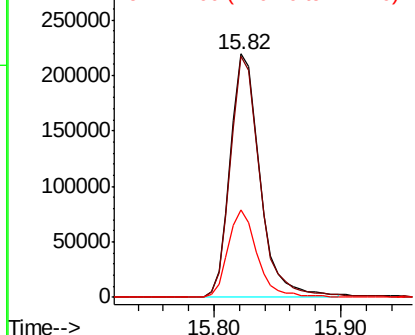


Abundance

Ion 329.80 (329.50 to 330.50): E

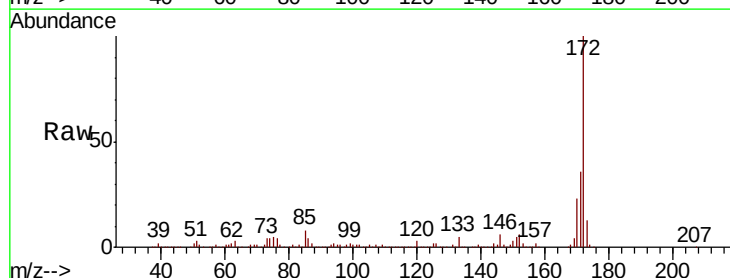
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.868 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM019078.D
 Acq: 08 Mar 2019 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.3	18.6	28.0

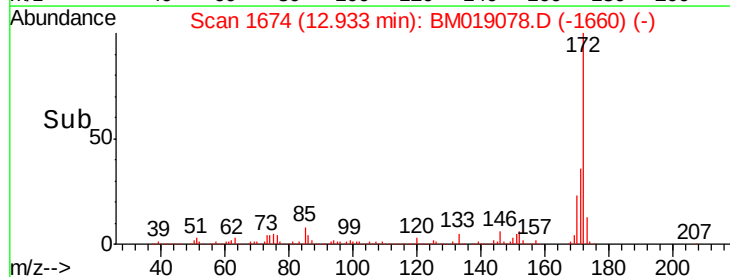
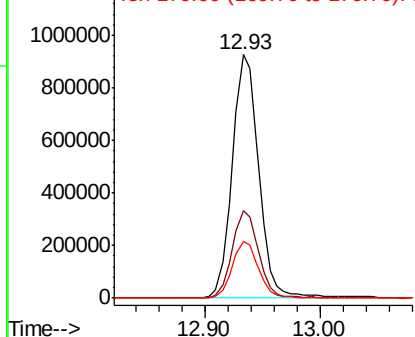


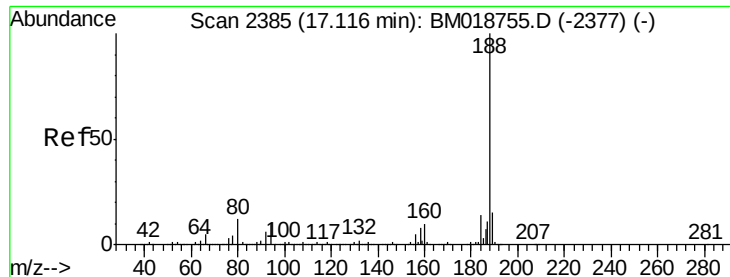
Abundance

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

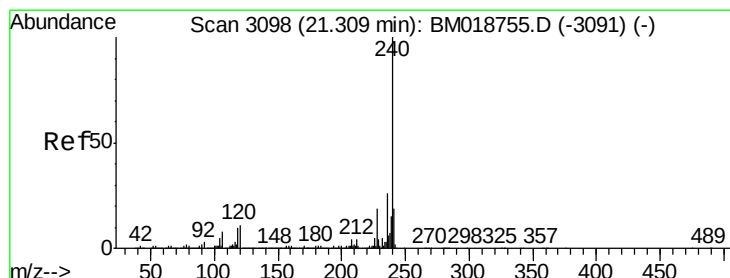
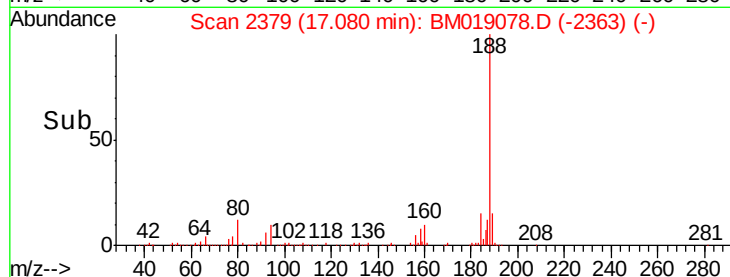
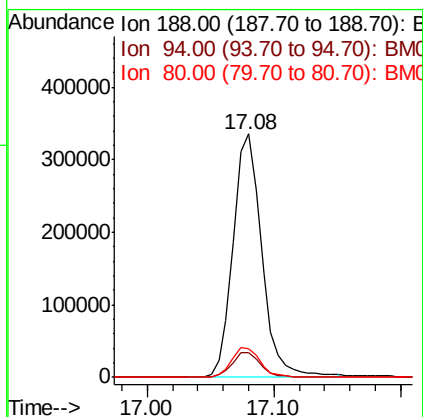
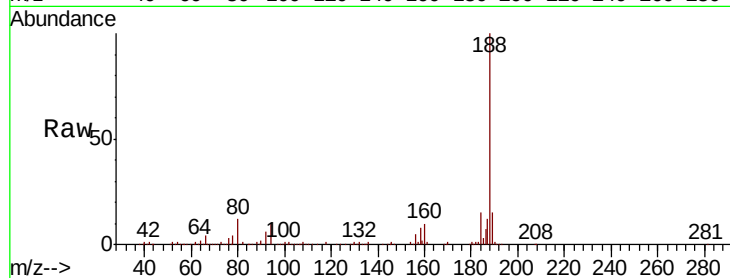




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019078.D
Acq: 08 Mar 2019 17:54

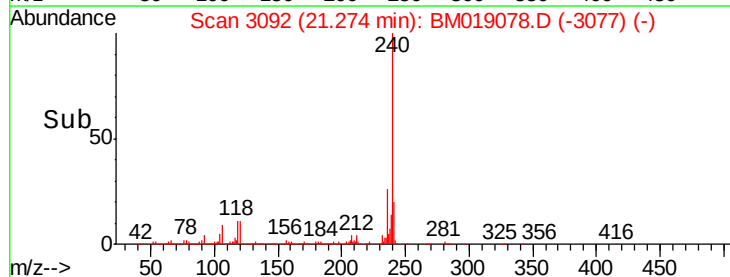
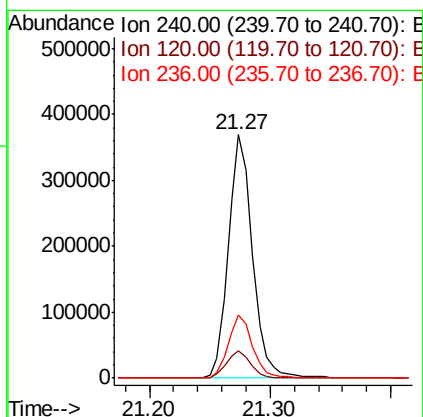
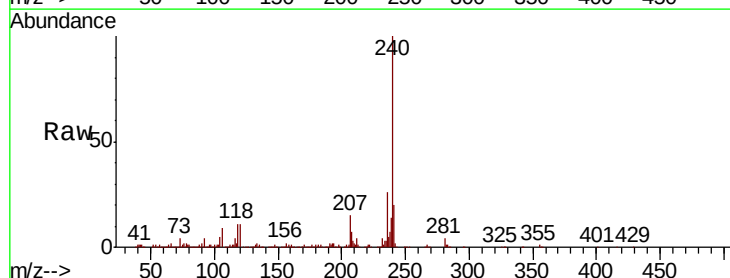
Instrument :
BNA_M
ClientSampled :

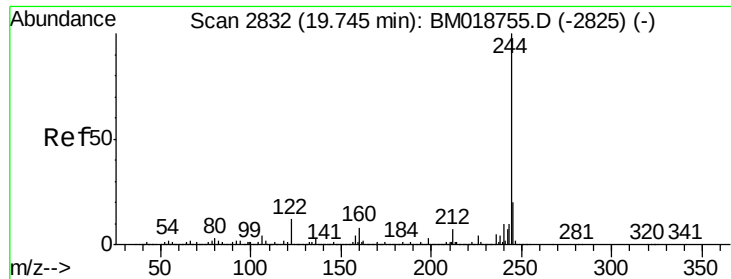
Tot Ion:188 Resp: 526351
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019078.D
Acq: 08 Mar 2019 17:54

Tgt Ion:240 Resp: 513735
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 68.017 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.02 min

Lab File: BM019078.D

Acq: 08 Mar 2019 17:54

Instrument :

BNA_M

ClientSampleId :

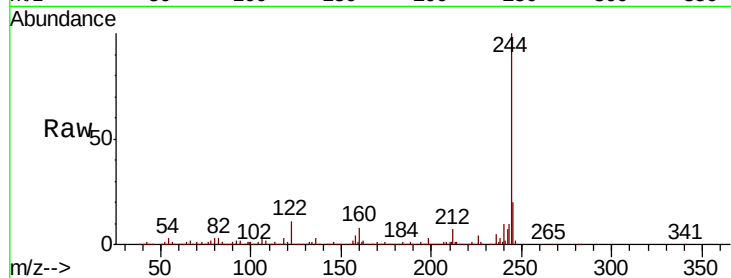
Tot Ion:244 Resp: 1693871

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

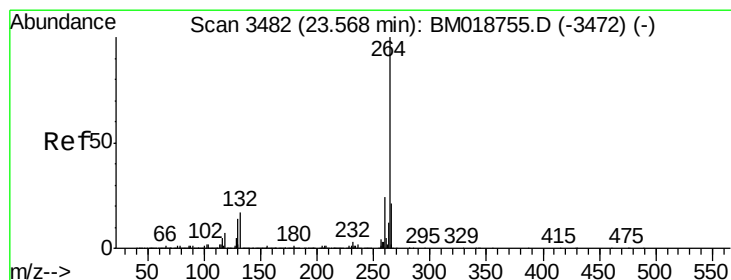
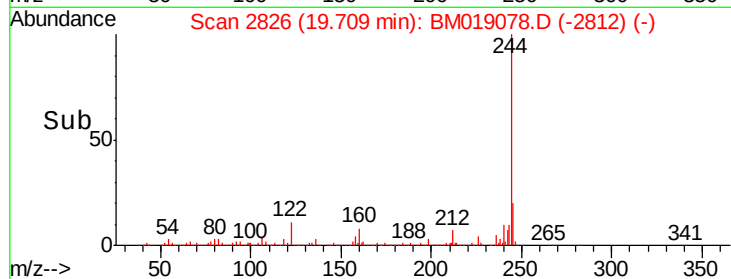
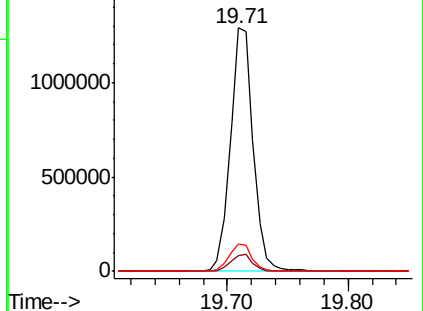
122 11.4 9.3 13.9



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

Perylene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BM019078.D

Acq: 08 Mar 2019 17:54

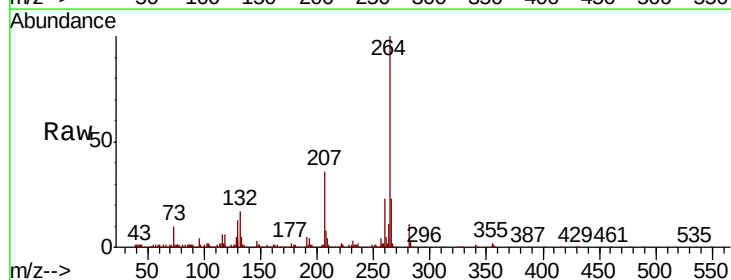
Tgt Ion:264 Resp: 637476

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.8 17.3 25.9



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

