

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018855.D
 Acq On : 19 Feb 2019 14:08
 Operator : JU/SJ
 Sample : PB117208BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 17:02:56 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

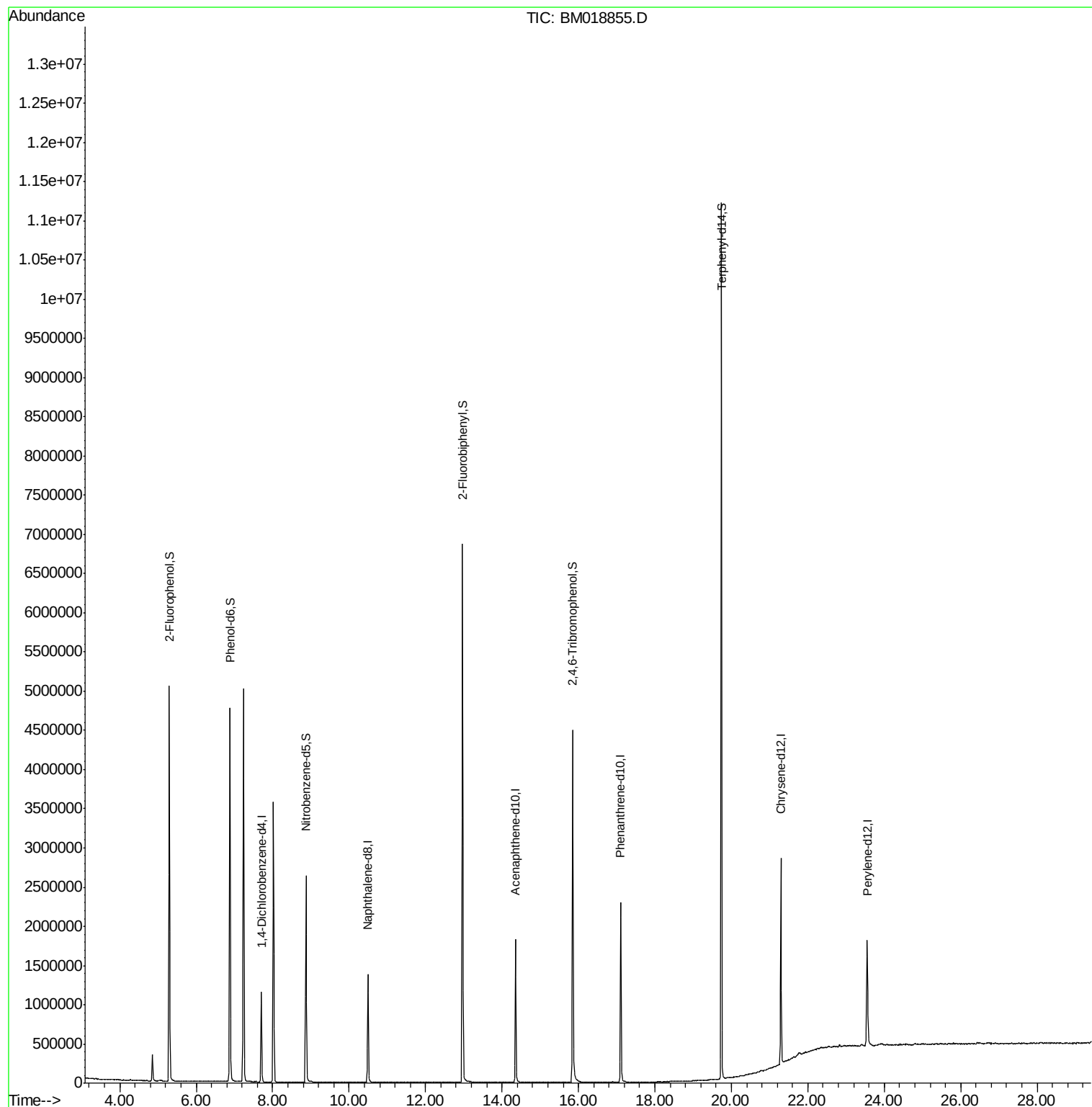
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	289727	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1150286	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	619363	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1332667	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1120458	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1002662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1995219	112.83	ng	0.00
7) Phenol-d6	6.88	99	2676875	107.46	ng	0.00
23) Nitrobenzene-d5	8.87	82	1724357	69.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	834679	93.49	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3335641	71.49	ng	-0.01
79) Terphenyl-d14	19.74	244	4622614	85.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6118	Below Cal	Qvalue #	7

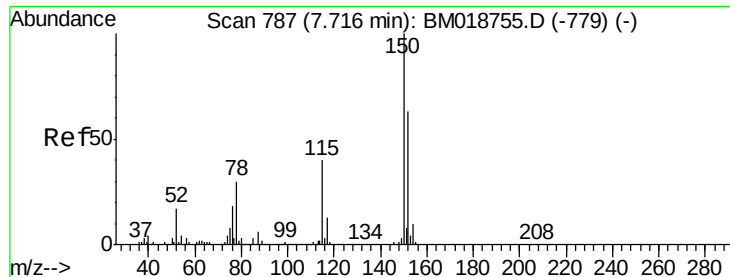
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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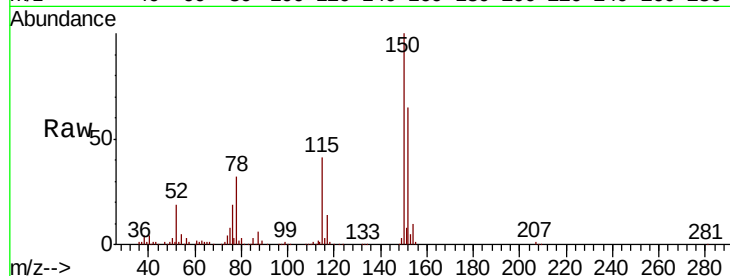


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.3	190.9
115	62.7	50.8	76.2

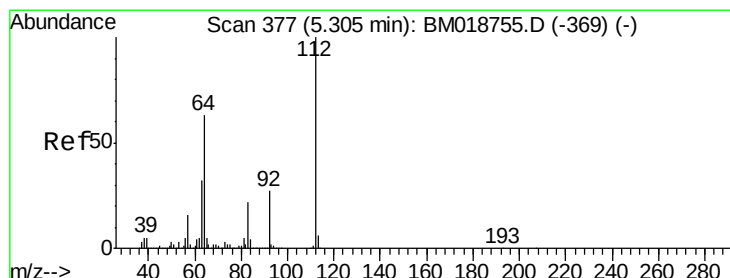
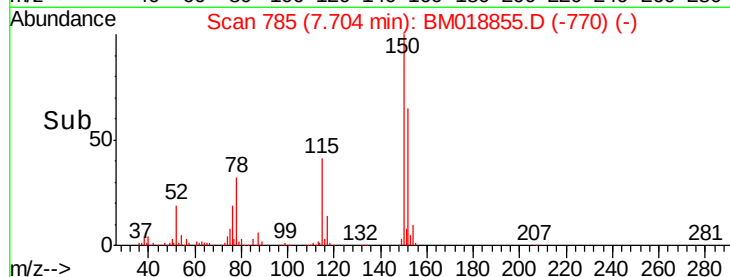
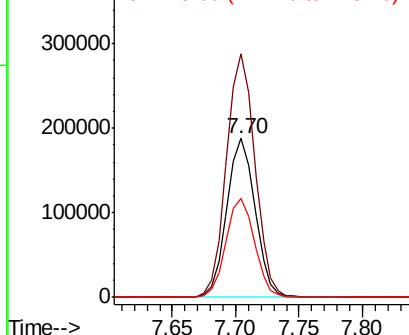


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

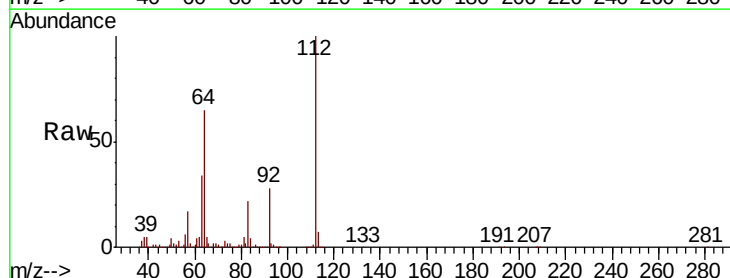
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.834 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.6	75.8
63	33.5	25.7	38.5

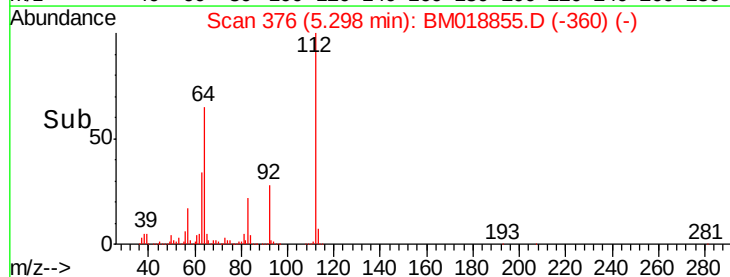
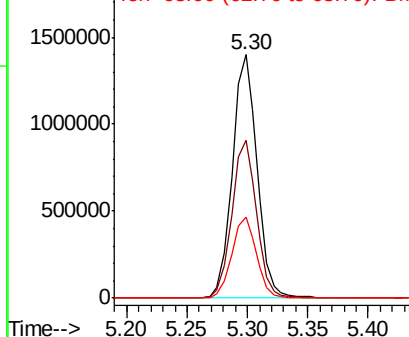


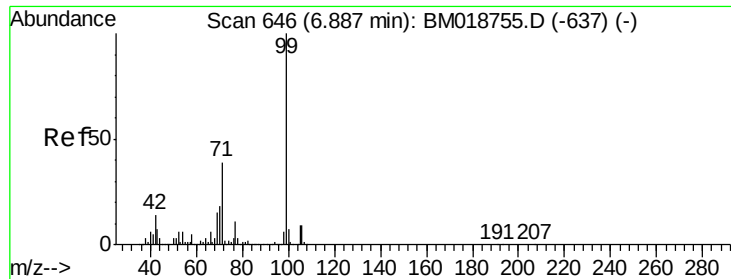
Abundance

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: 107.459 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018855.D

Acq: 19 Feb 2019 14:08

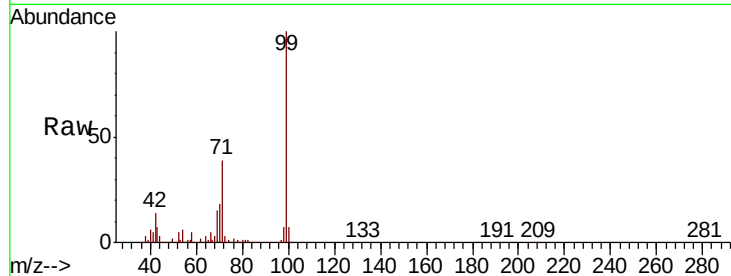
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2676875

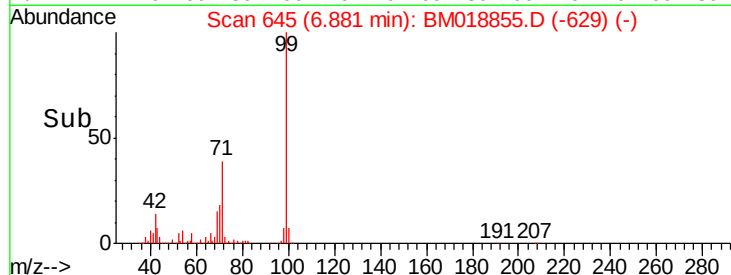
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.9	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

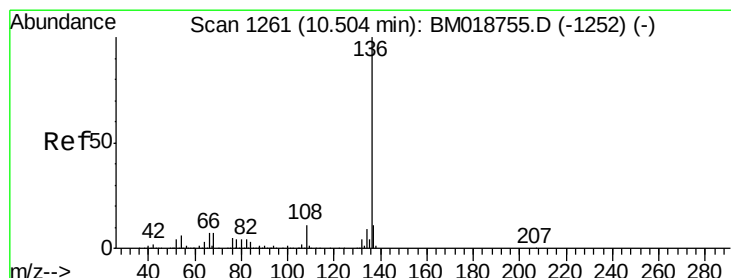
Ion 71.00 (70.70 to 71.70): BM0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

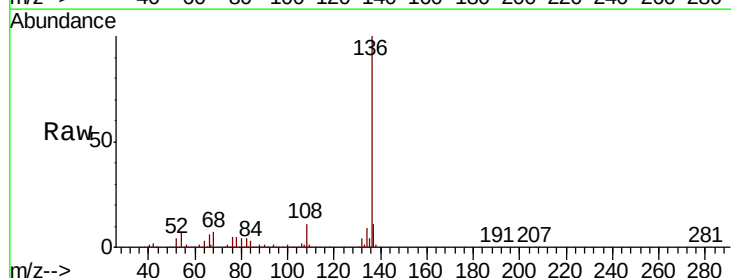
Delta R.T. -0.01 min

Lab File: BM018855.D

Acq: 19 Feb 2019 14:08

Tgt Ion: 136 Resp: 1150286

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.0	7.6
68	7.5	5.5	8.3

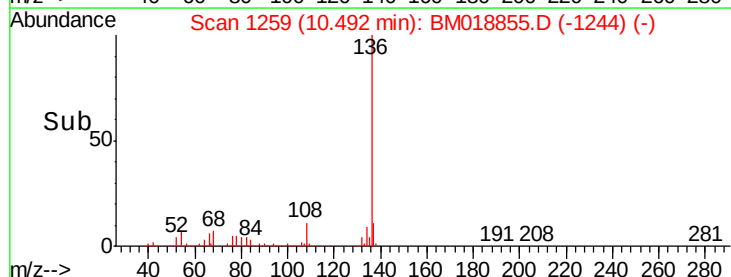


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

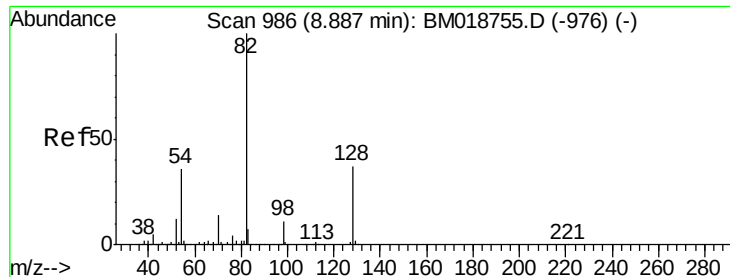


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

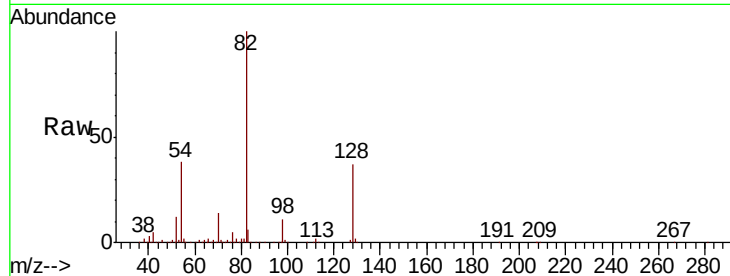
Ion 68.00 (67.70 to 68.70): BM0



#23
Nitrobenzene-d5
Concen: 69.315 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

Instrument :
BNA_M
ClientSampled :

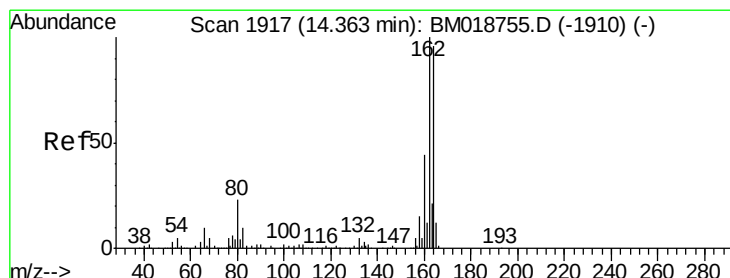
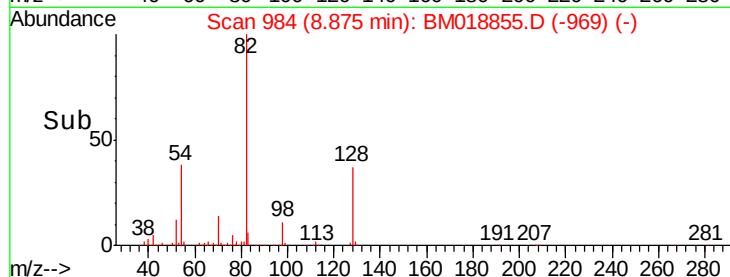
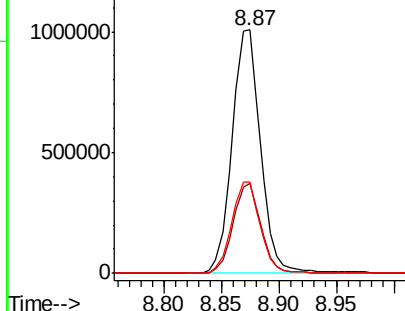
Tot Ion	82	Resp	1724357
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.9	44.9
54	37.6	29.1	43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

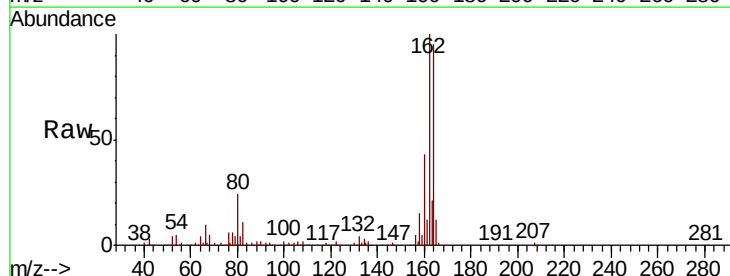
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

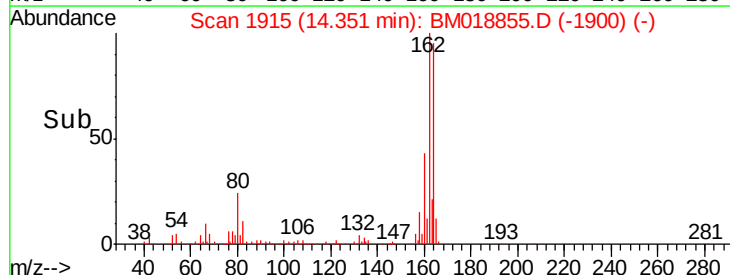
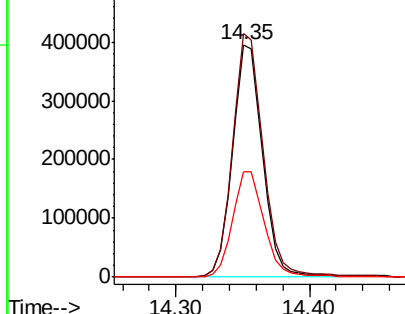
Tgt Ion	164	Resp	619363
Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.0
160	45.6	36.6	55.0

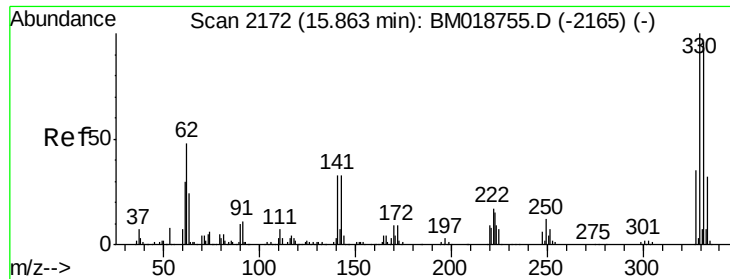


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 93.491 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018855.D

Acq: 19 Feb 2019 14:08

Instrument :

BNA_M

ClientSampleId :

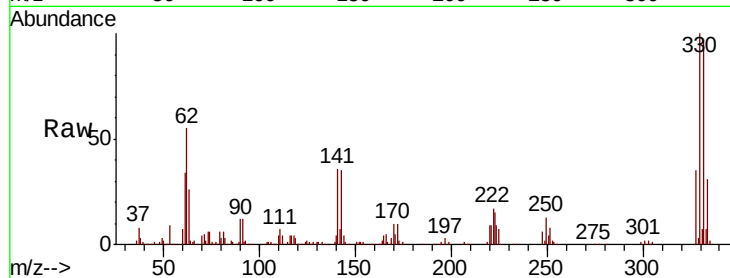
Tot Ion:330 Resp: 834679

Ion Ratio Lower Upper

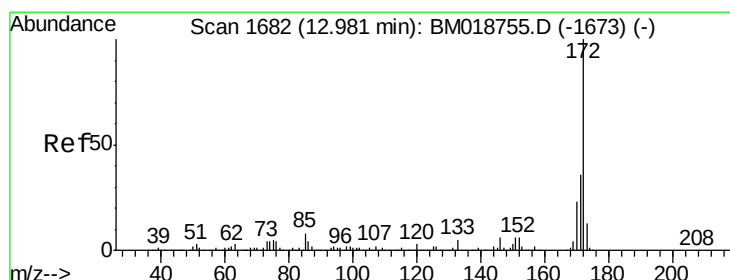
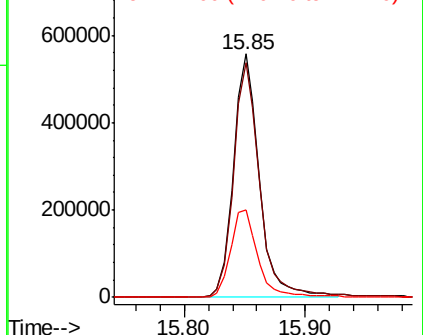
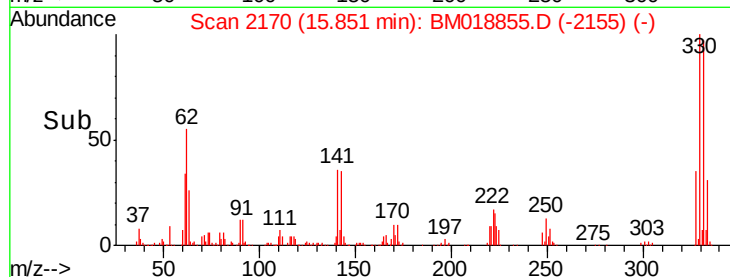
330 100

332 96.8 76.9 115.3

141 37.8 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: 71.493 ng

RT: 12.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM018855.D

Acq: 19 Feb 2019 14:08

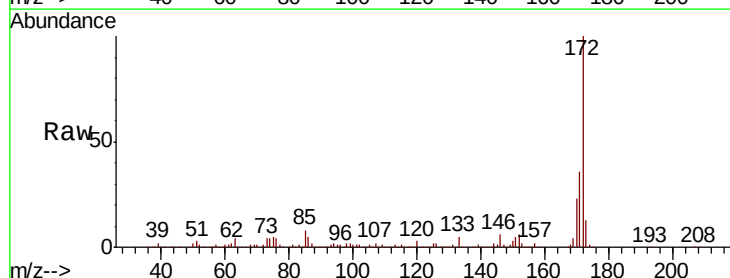
Tgt Ion:172 Resp: 3335641

Ion Ratio Lower Upper

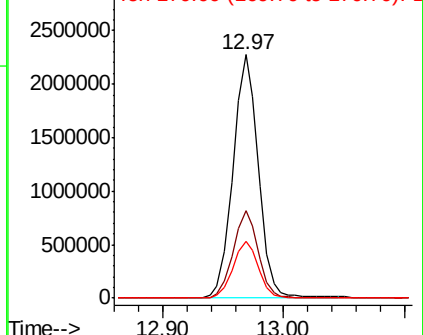
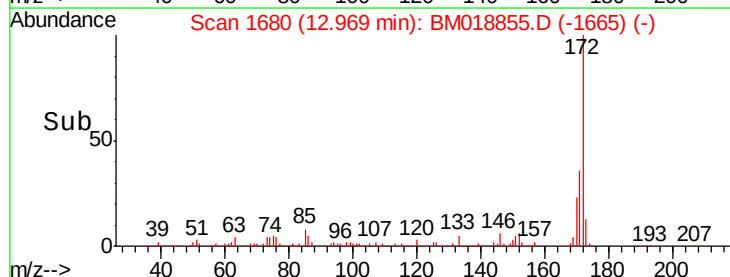
172 100

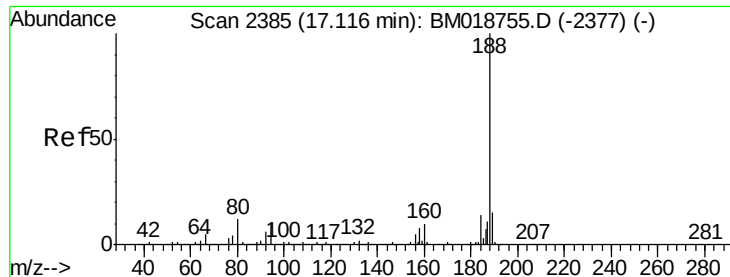
171 35.8 29.0 43.6

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

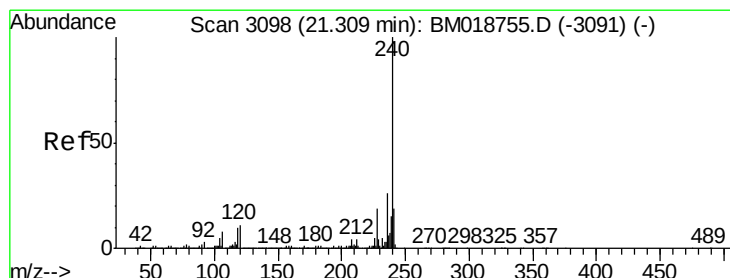
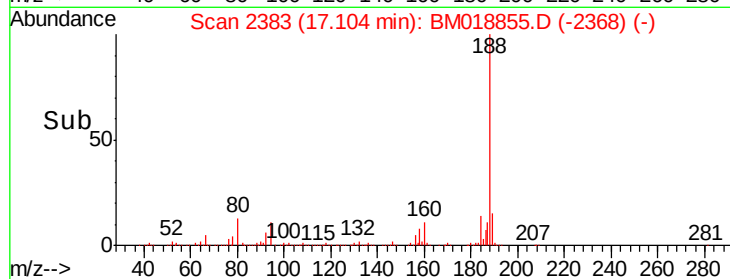
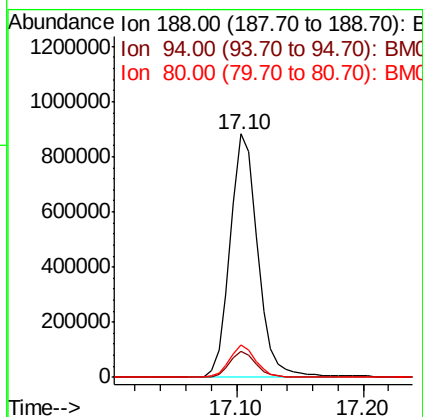
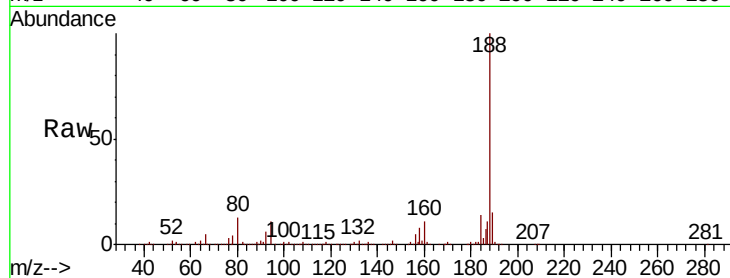




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

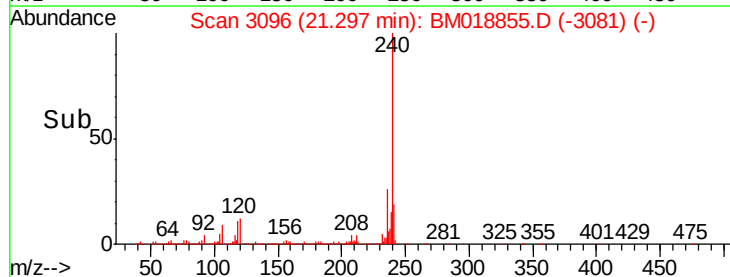
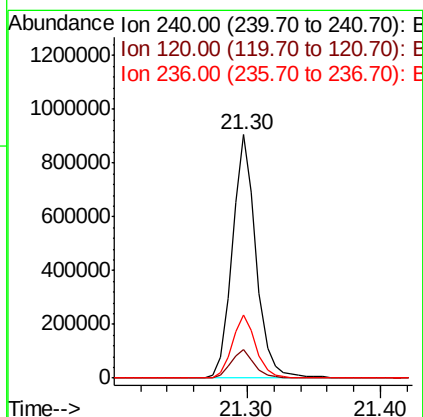
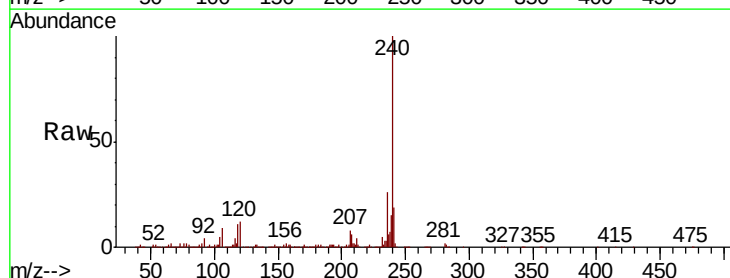
Instrument :
BNA_M
ClientSampled :

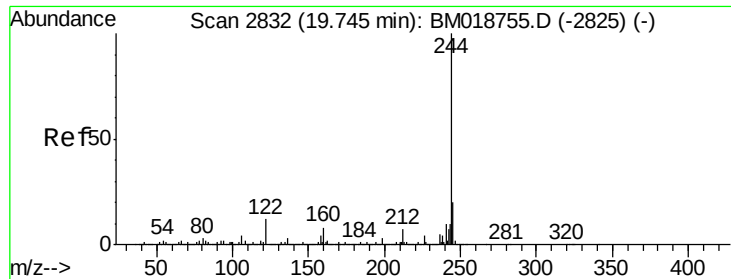
Tot Ion:188 Resp: 1332667
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 13.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018855.D
Acq: 19 Feb 2019 14:08

Tgt Ion:240 Resp: 1120458
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.7 20.9 31.3

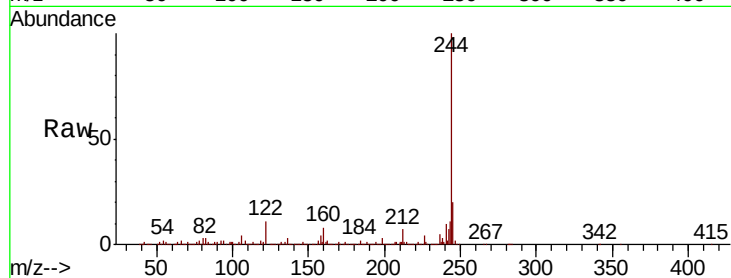




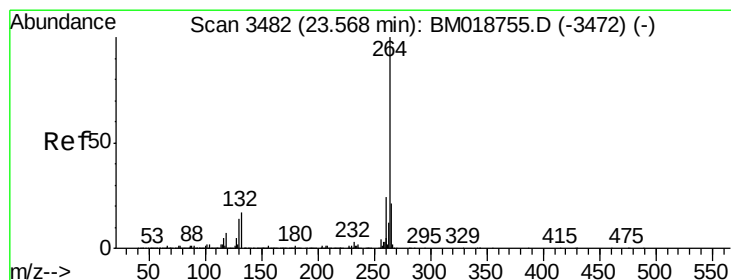
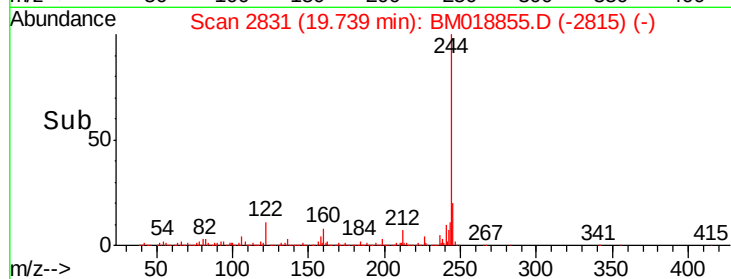
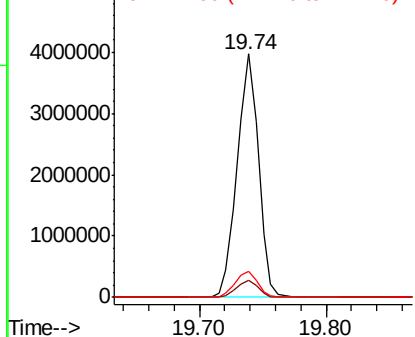
#79
 Terphenyl-d14
 Concen: 85.108 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018855.D
 Acq: 19 Feb 2019 14:08

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4622614
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.9 9.3 13.9

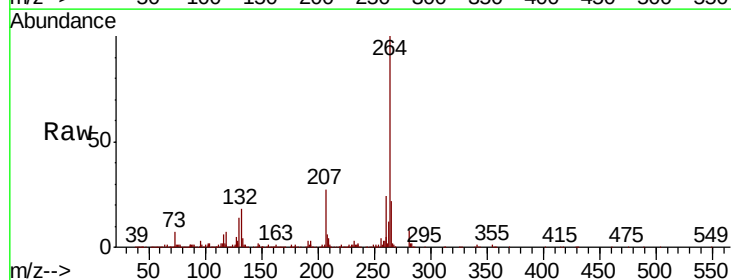


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018855.D
 Acq: 19 Feb 2019 14:08

Tgt Ion:264 Resp: 1002662
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.0 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

