

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018586.D
 Acq On : 16 Jan 2019 16:50
 Operator : JU/SJ
 Sample : K1147-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Jan 17 01:08:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

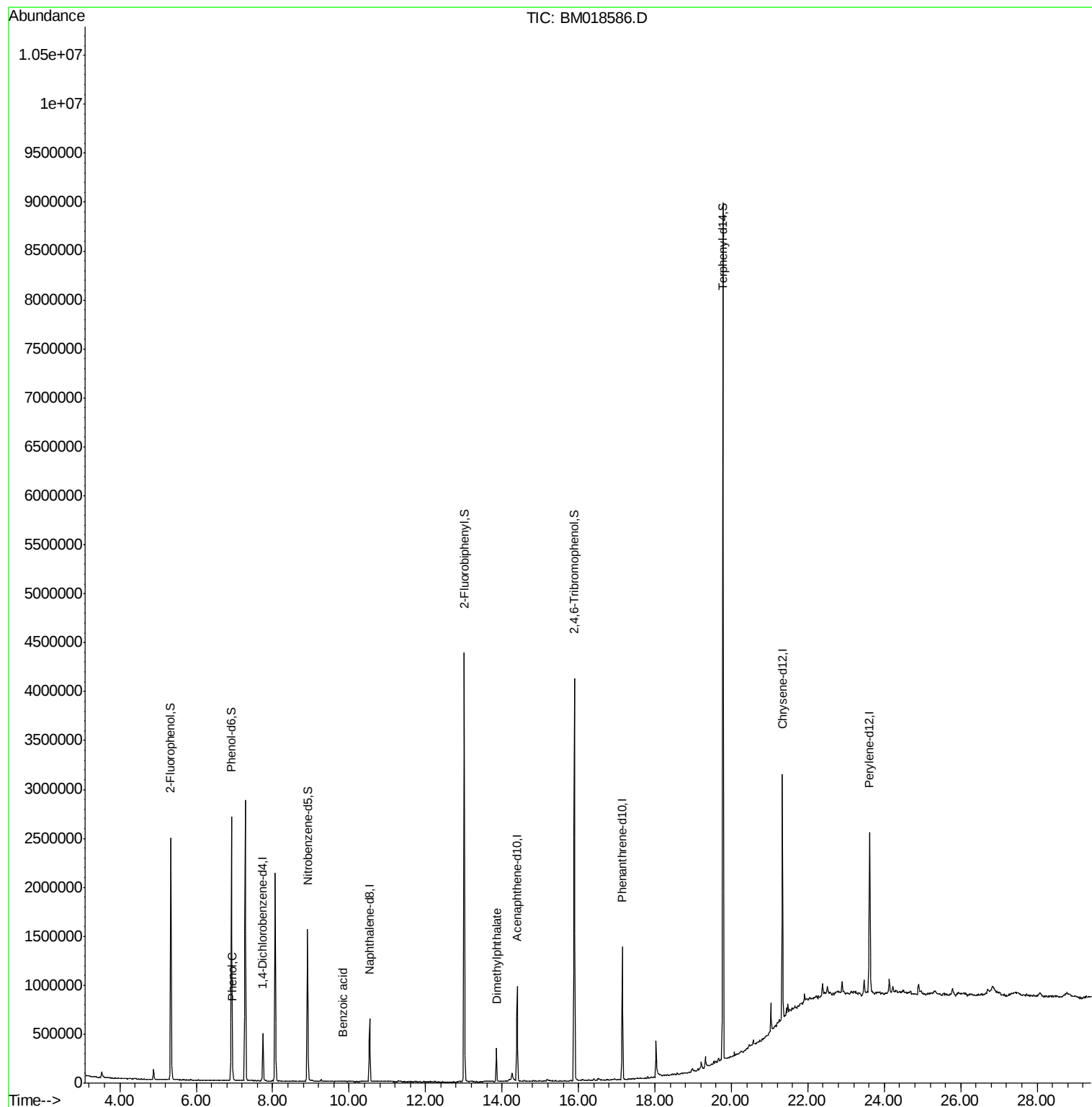
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	129616	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	546176	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	324603	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	785340	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1098041	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1226434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1120400	159.61	ng	-0.01
7) Phenol-d6	6.92	99	1477792	165.75	ng	-0.01
23) Nitrobenzene-d5	8.91	82	874354	92.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	758254	183.46	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	2280212	91.66	ng	-0.01
79) Terphenyl-d14	19.78	244	4134391	79.37	ng	0.00
Target Compounds						
10) Phenol	6.95	94	71595	7.902	ng	99
32) Benzoic acid	9.85	122	413	6.581	ng	92
50) Dimethylphthalate	13.86	163	232492	8.721	ng	99

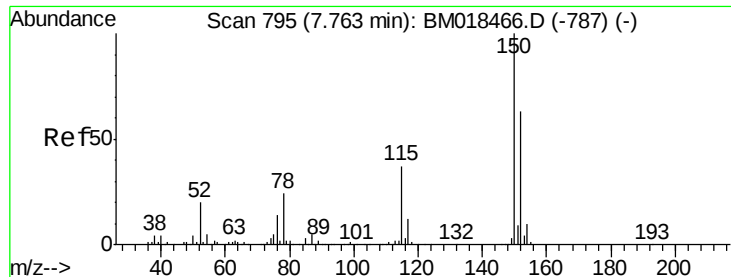
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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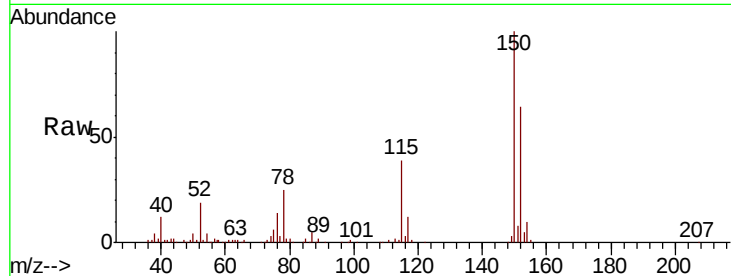


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	59.8	45.5	68.3

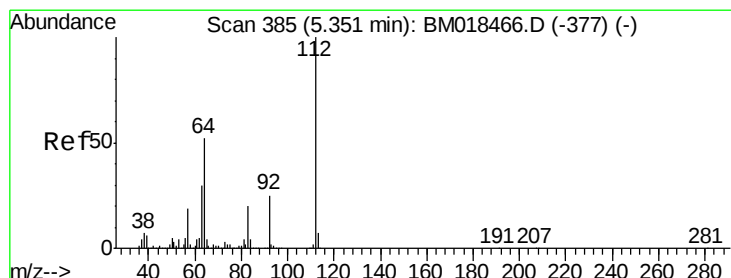
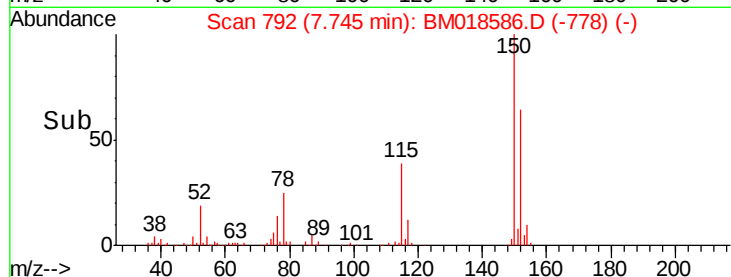
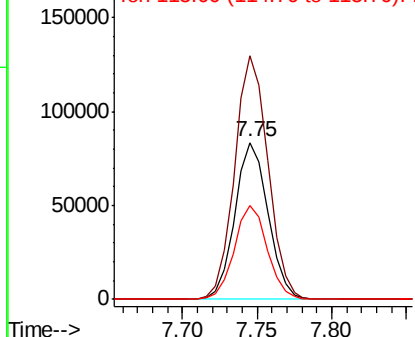


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

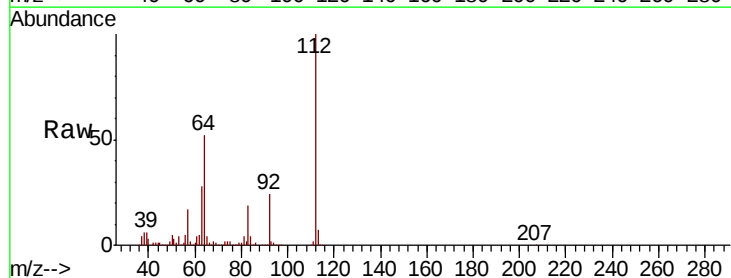
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.611 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.5	69.7
63	28.3	25.2	37.8

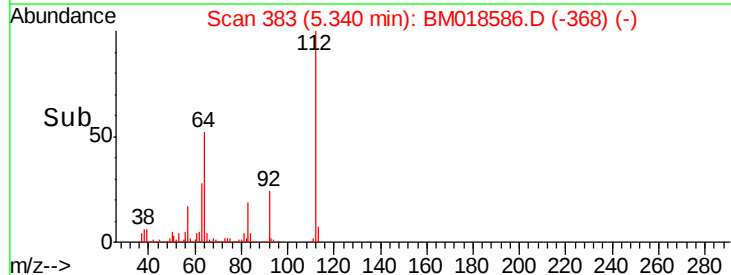
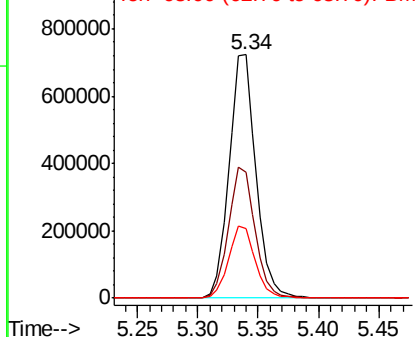


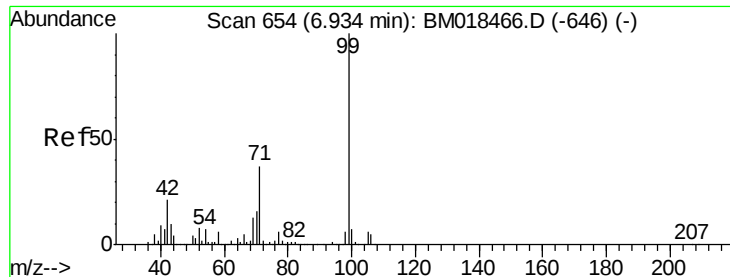
Abundance

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: 165.752 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

Instrument :

BNA_M

ClientSampleId :

TP-8

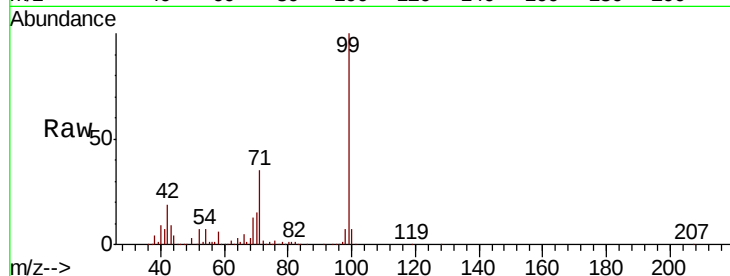
Tgt Ion: 99 Resp: 1477792

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

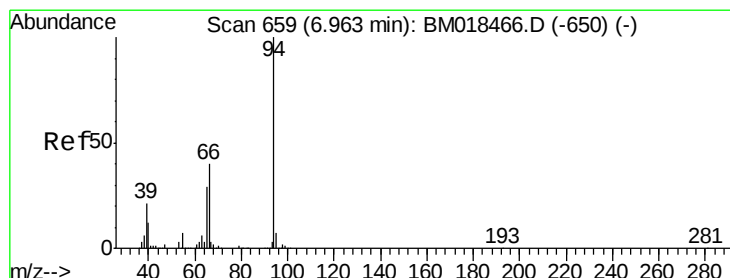
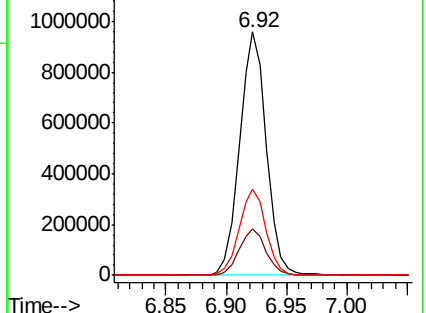
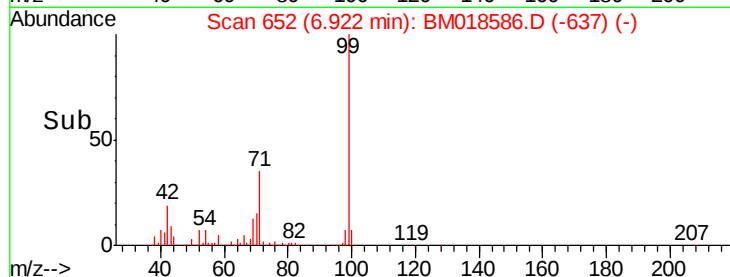
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018586.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018586.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018586.D (-637) (-)



#10

Phenol

Concen: 7.902 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

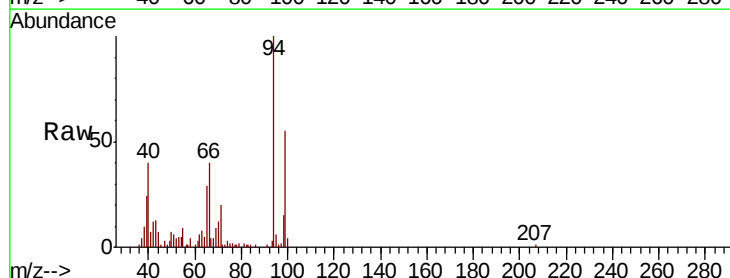
Tgt Ion: 94 Resp: 71595

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

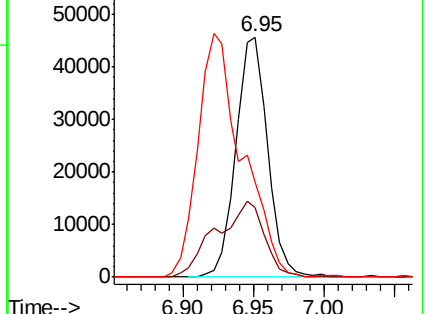
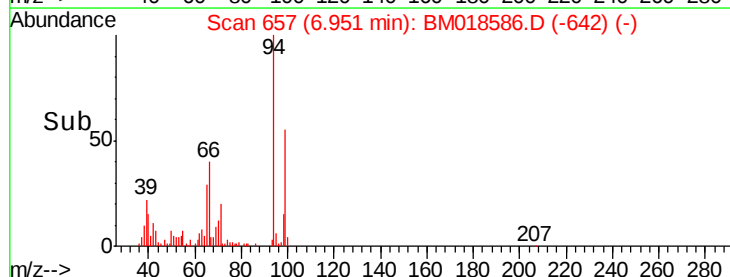
66 39.7 19.1 59.1

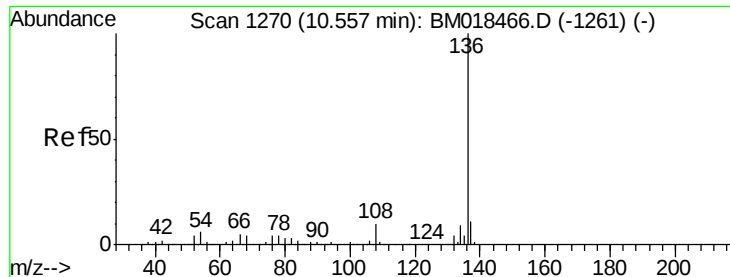


Abundance Ion 94.00 (93.70 to 94.70): BM018586.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018586.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018586.D (-642) (-)

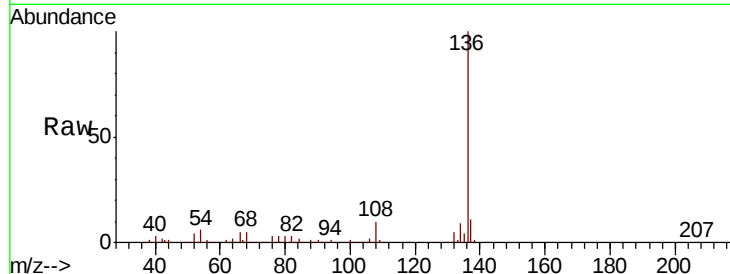




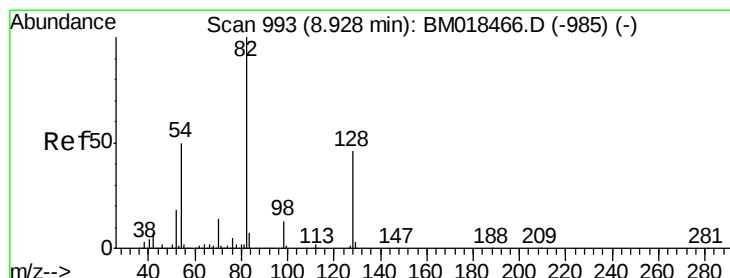
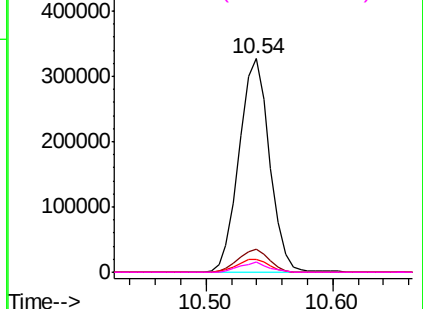
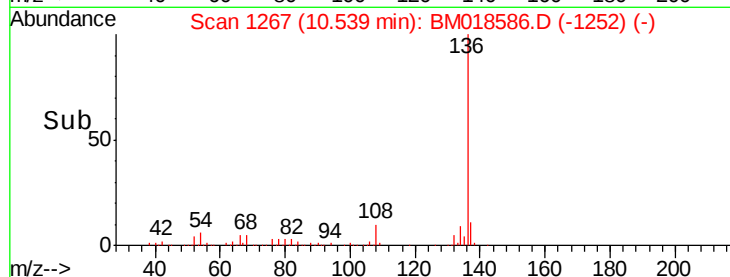
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampled :
TP-8

Tgt Ion:	136	Resp:	546176
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.1	6.0	9.0
68	4.5	4.5	6.7

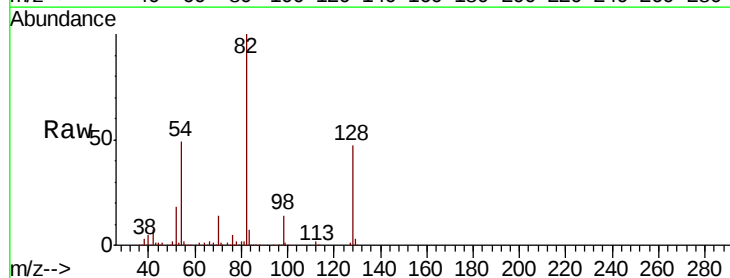


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

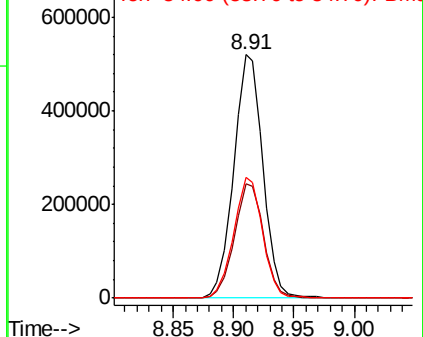
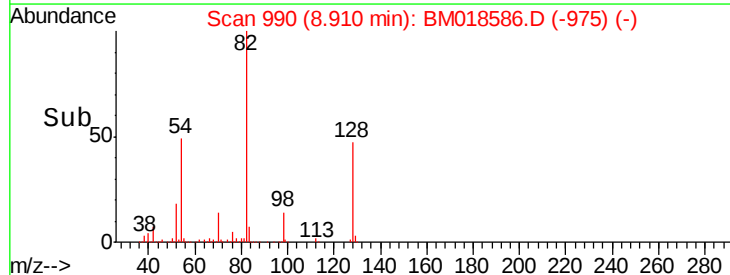


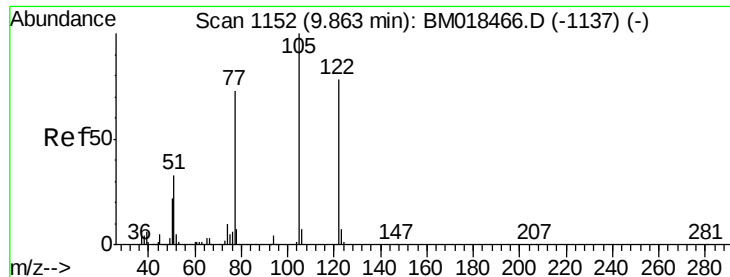
#23
Nitrobenzene-d5
Concen: 92.804 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion:	82	Resp:	874354
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	49.5	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 6.581 ng

RT: 9.85 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

Instrument :

BNA_M

ClientSampled :

TP-8

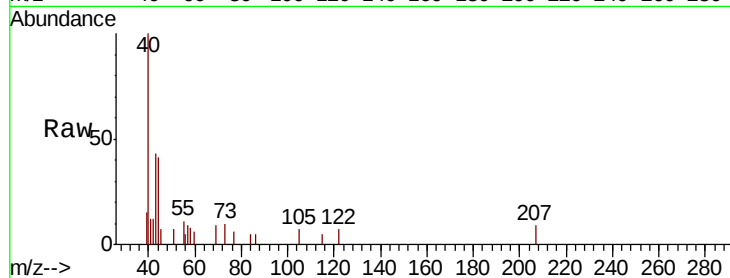
Tgt Ion:122 Resp: 413

Ion Ratio Lower Upper

122 100

105 106.2 100.4 140.4

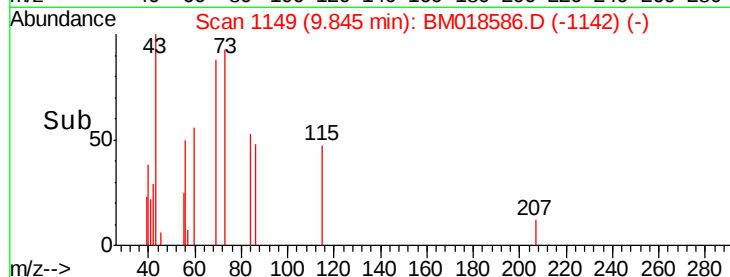
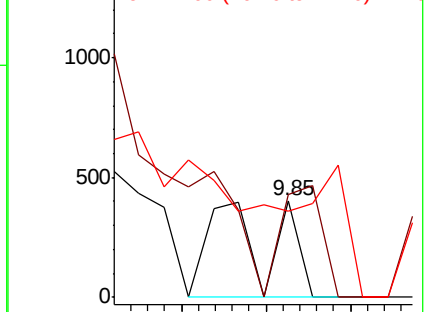
77 89.4 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

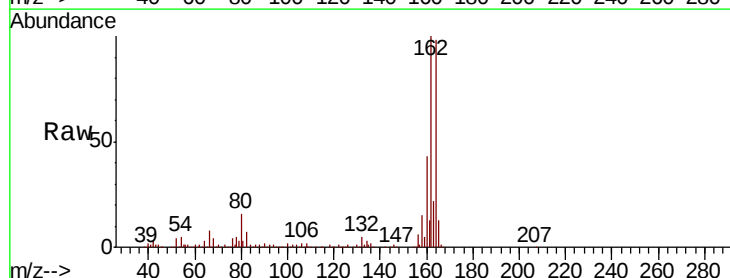
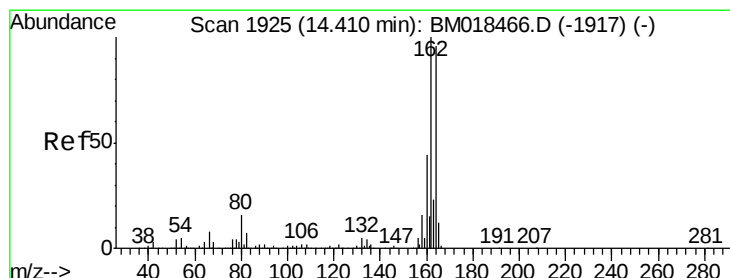
Tgt Ion:164 Resp: 324603

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.4

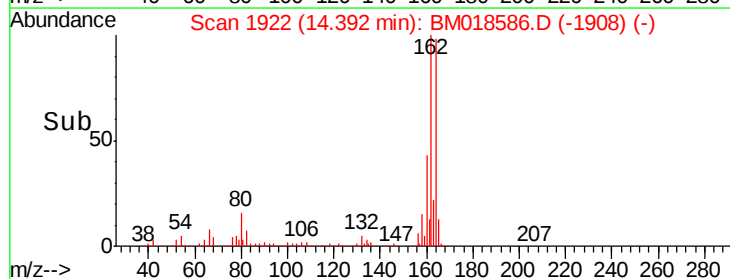
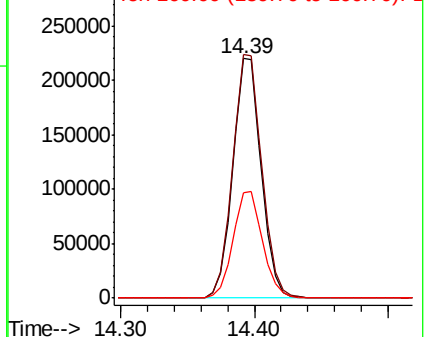
160 44.3 37.1 55.7

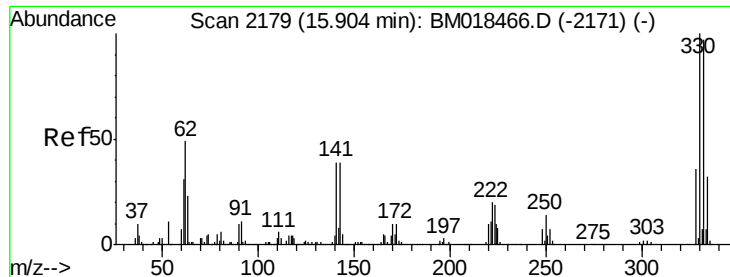


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

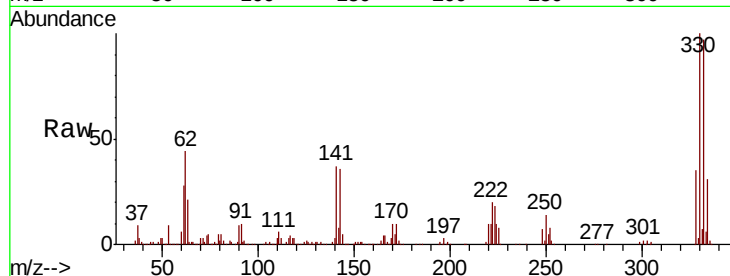




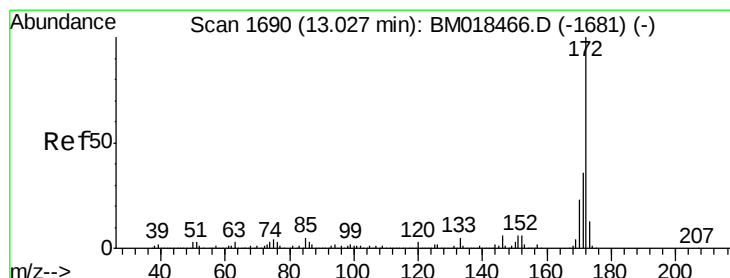
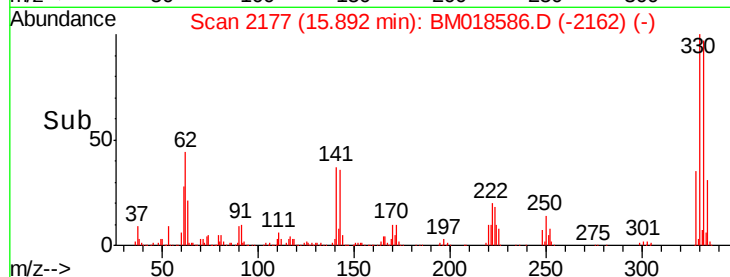
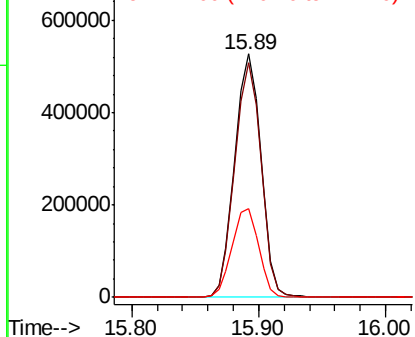
#42
 2,4,6-Tribromophenol
 Concen: 183.459 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018586.D
 Acq: 16 Jan 2019 16:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	37.3	31.7	47.5

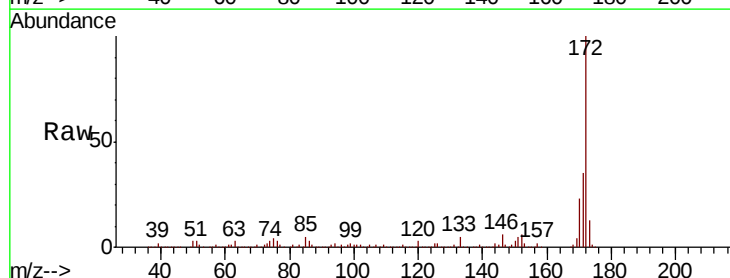


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

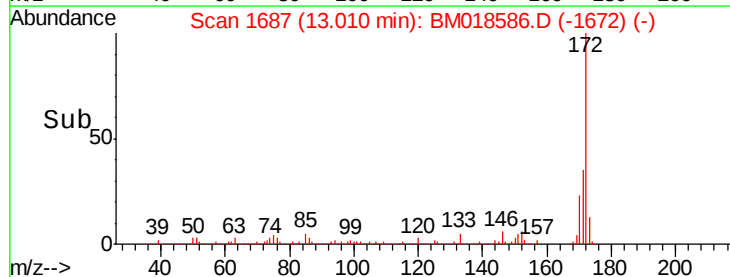
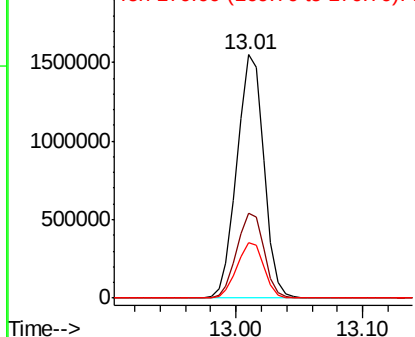


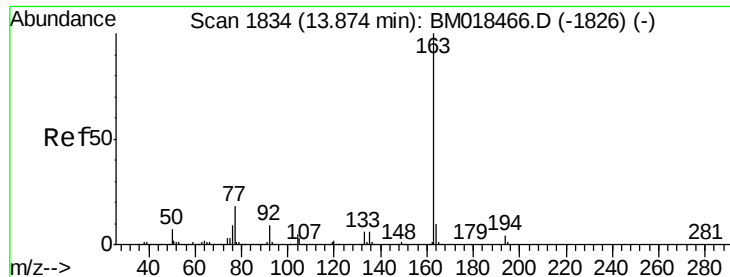
#45
 2-Fluorobiphenyl
 Concen: 91.662 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018586.D
 Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	22.9	18.9	28.3



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: 8.721 ng

RT: 13.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

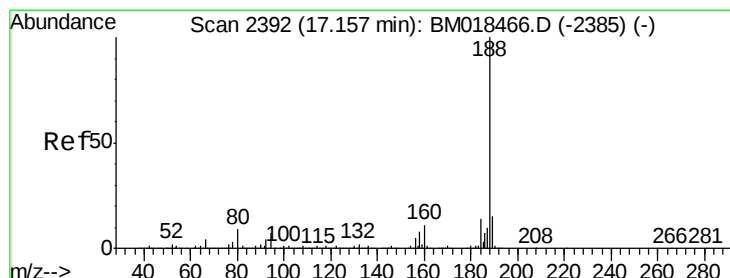
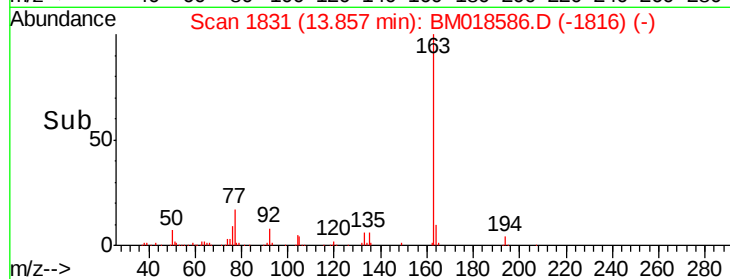
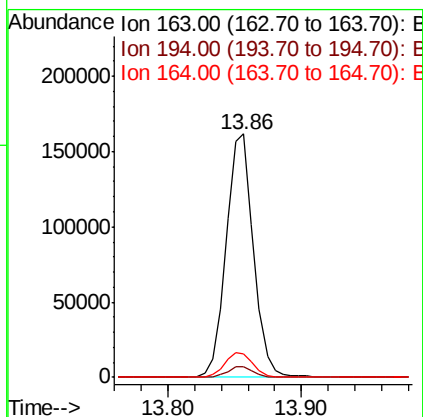
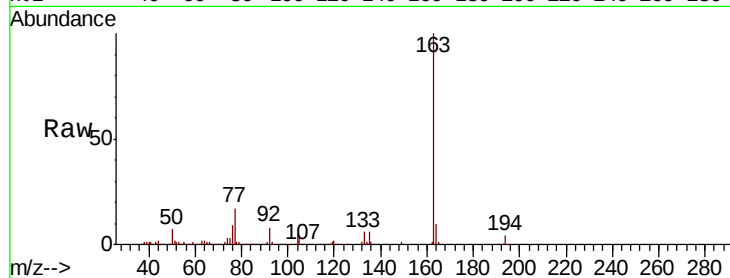
Instrument :

BNA_M

ClientSampleId :

TP-8

Tgt Ion:	163	Resp:	232492
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.6
164	9.7	7.8	11.8



#64

Phenanthrene-d10

Concen: 20.000 ng

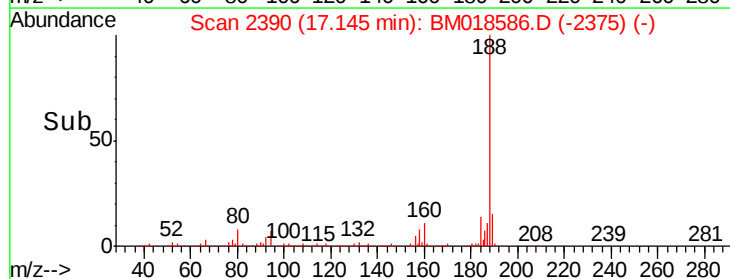
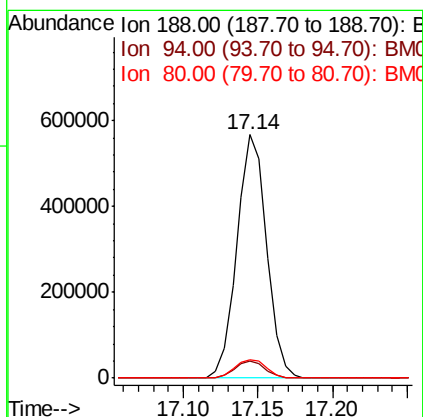
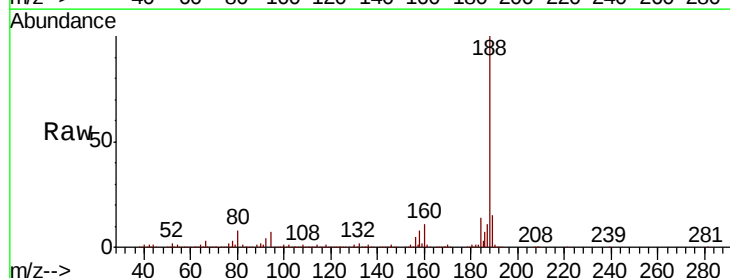
RT: 17.14 min Scan# 2390

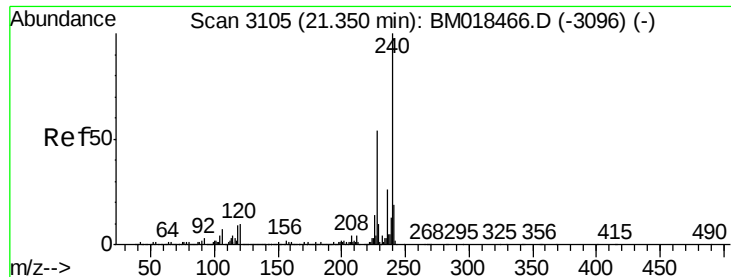
Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

Tgt Ion:	188	Resp:	785340
Ion Ratio	Lower	Upper	
188	100		
94	7.1	7.1	10.7
80	7.6	7.6	11.4

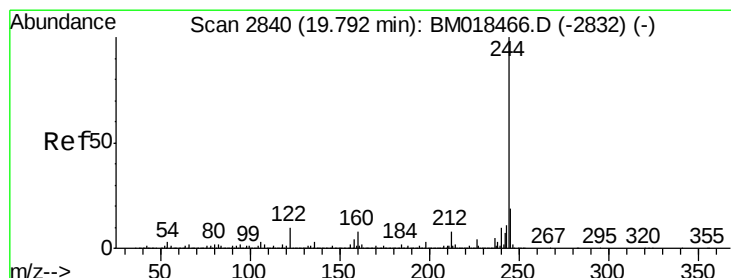
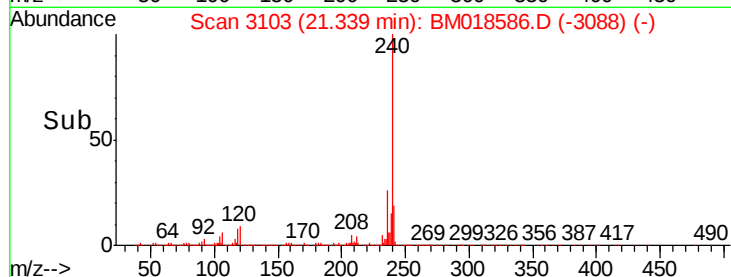
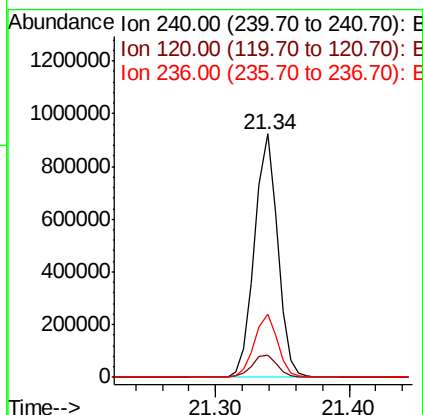
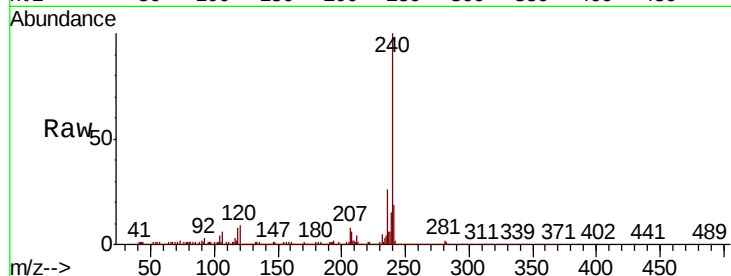




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

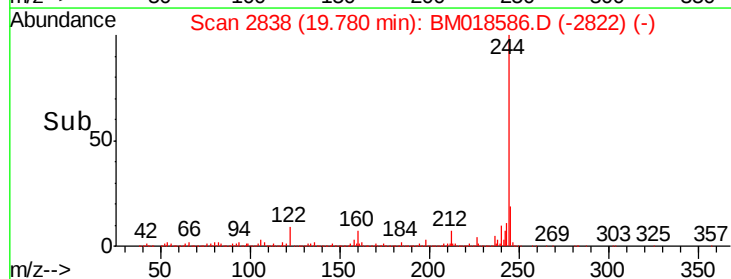
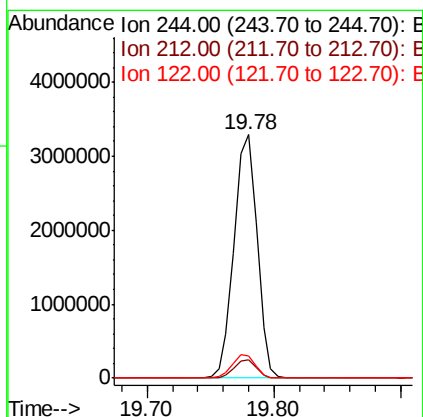
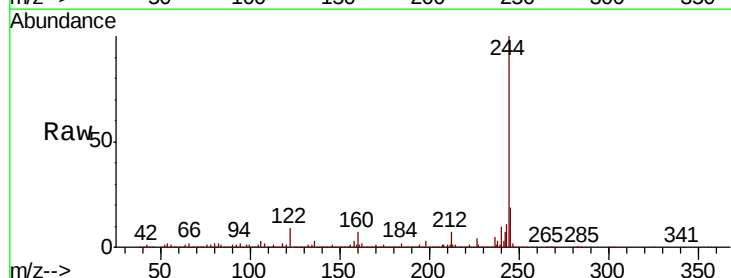
Instrument :
BNA_M
ClientSampleId :
TP-8

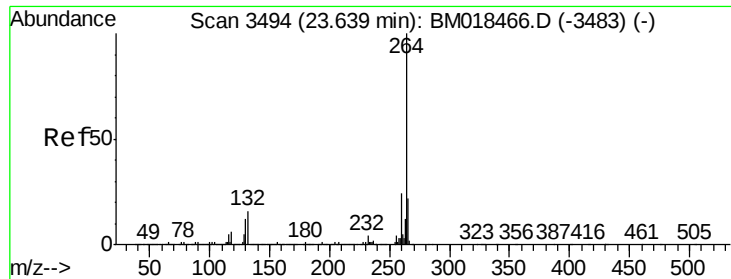
Tgt Ion:240 Resp: 1098041
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 79.373 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion:244 Resp: 4134391
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.9 9.0 13.4#



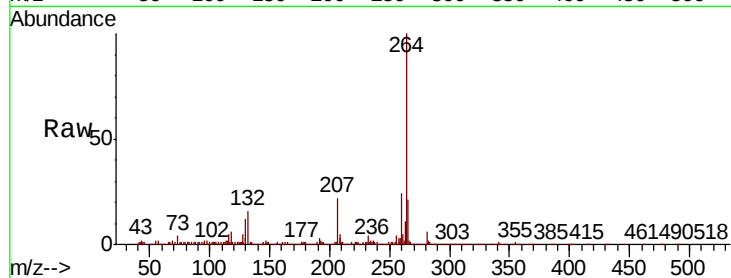


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tgt Ion: 264 Resp: 1226434

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	16.8	25.2



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

