

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018588.D
 Acq On : 16 Jan 2019 18:02
 Operator : JU/SJ
 Sample : K1149-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW002-190114-01

Quant Time: Jan 17 01:09:11 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

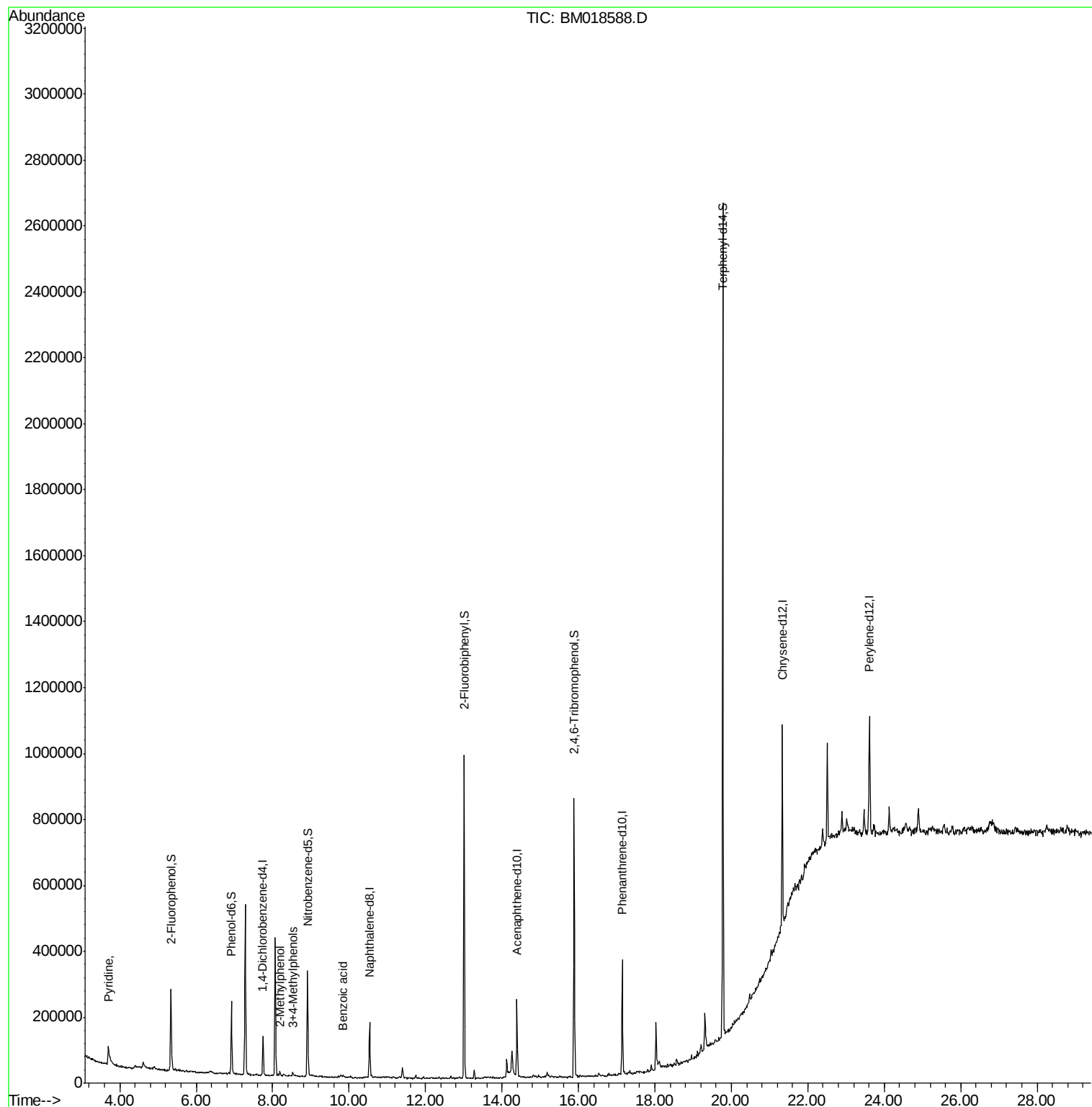
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	35366	20.00	ng	-0.01
21) Naphthalene-d8	10.54	136	136706	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	76758	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	197769	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	274824	20.00	ng	-0.02
87) Perylene-d12	23.61	264	266315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	123412	64.43	ng	-0.01
7) Phenol-d6	6.92	99	128316	52.75	ng	-0.01
23) Nitrobenzene-d5	8.91	82	184051	78.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	146198	149.59	ng	-0.02
45) 2-Fluorobiphenyl	13.01	172	491857	83.61	ng	-0.01
79) Terphenyl-d14	19.77	244	1059135	81.24	ng	-0.01
Target Compounds						
3) Pyridine	3.70	79	59353	30.496	ng	Qvalue 90
17) 2-Methylphenol	8.19	107	3415	2.035	ng	# 78
20) 3+4-Methylphenols	8.52	107	5018	2.166	ng	94
32) Benzoic acid	9.85	122	115	6.590	ng	# 59

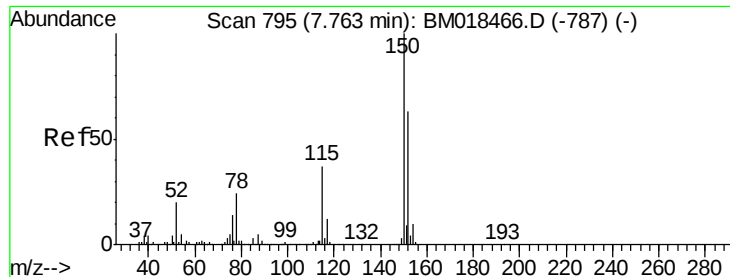
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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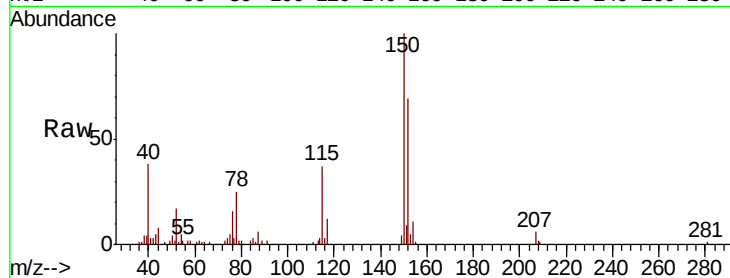


#1

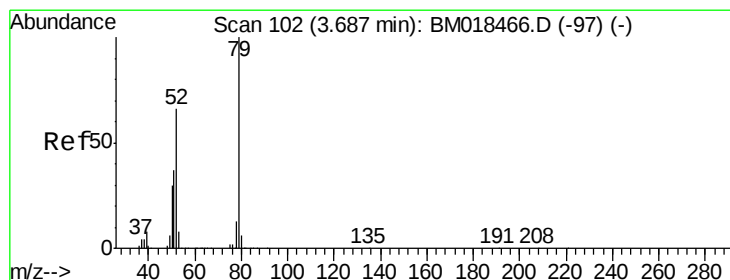
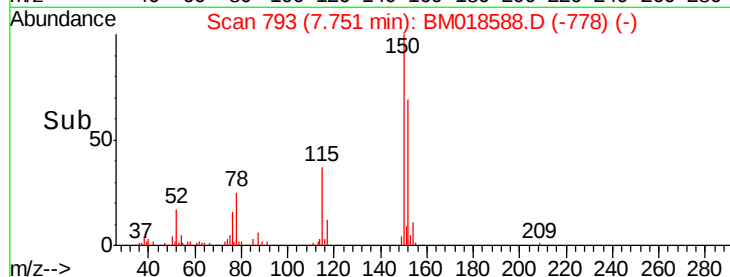
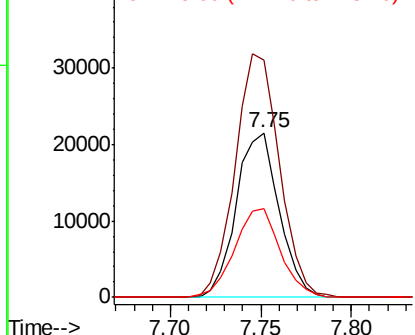
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Instrument :
BNA_M
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SW002-190114-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.4	126.9	190.3
115	53.7	45.5	68.3



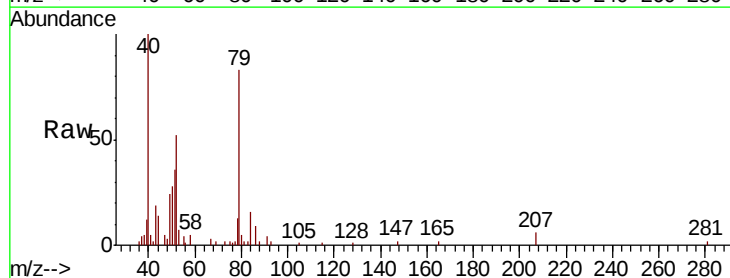
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



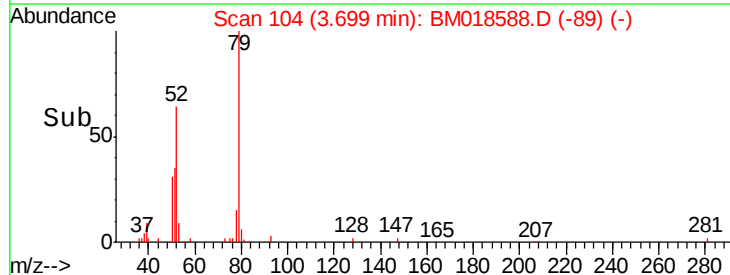
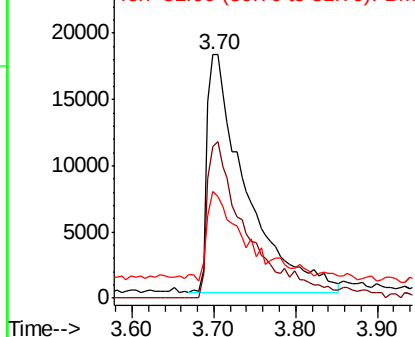
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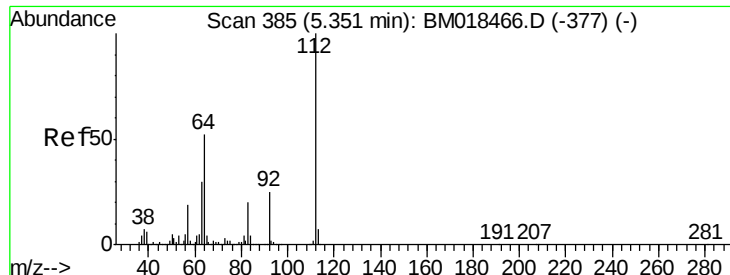
Pyridine
Concen: 30.496 ng
RT: 3.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.1	56.4	84.6
51	43.8	31.0	46.4



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 64.435 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018588.D

Acq: 16 Jan 2019 18:02

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

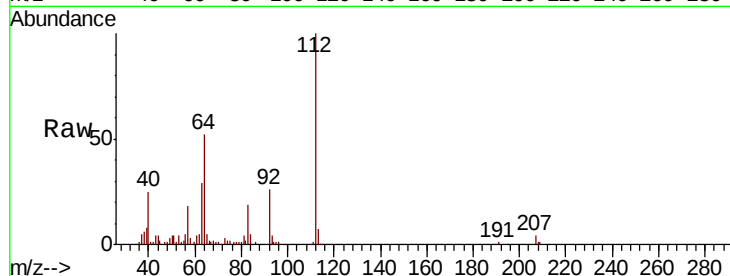
Tgt Ion: 112 Resp: 123412

Ion Ratio Lower Upper

112 100

64 52.4 46.5 69.7

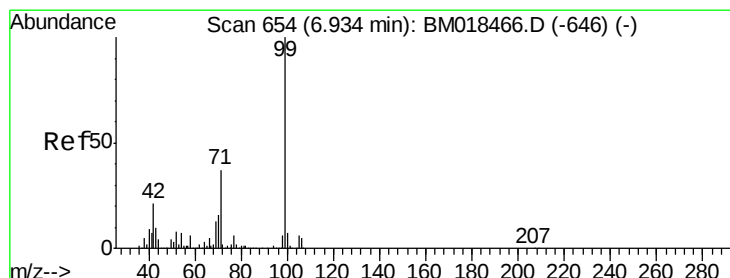
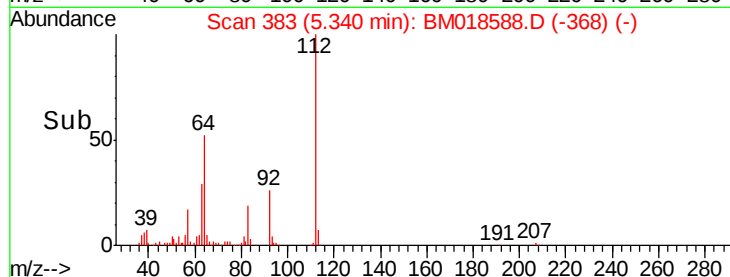
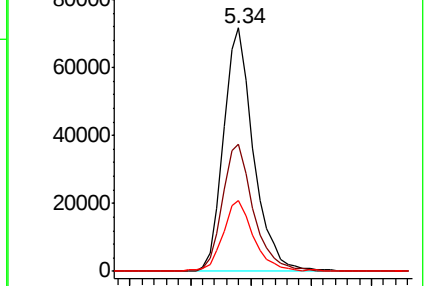
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 52.747 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018588.D

Acq: 16 Jan 2019 18:02

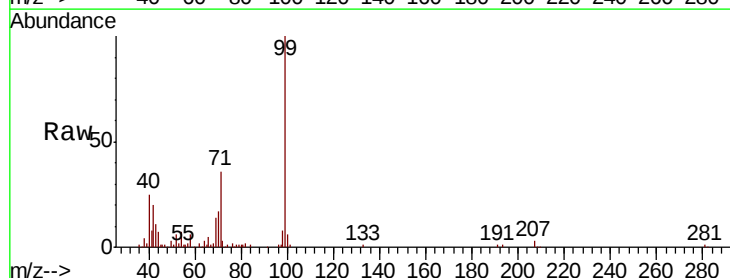
Tgt Ion: 99 Resp: 128316

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

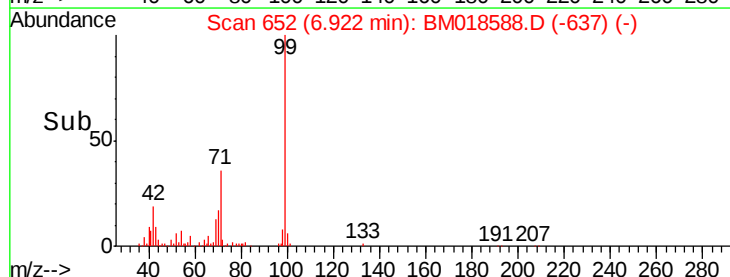
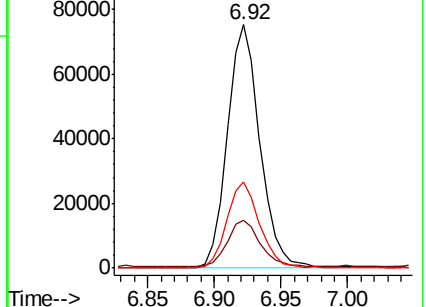
71 35.7 28.0 42.0

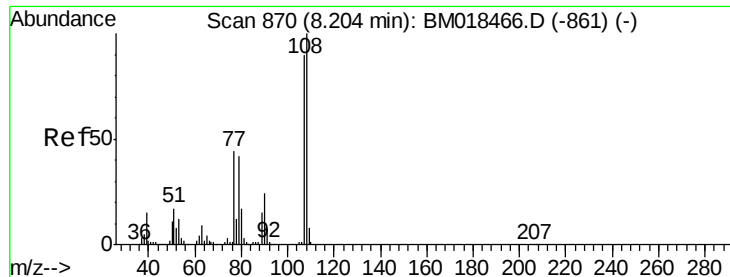


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

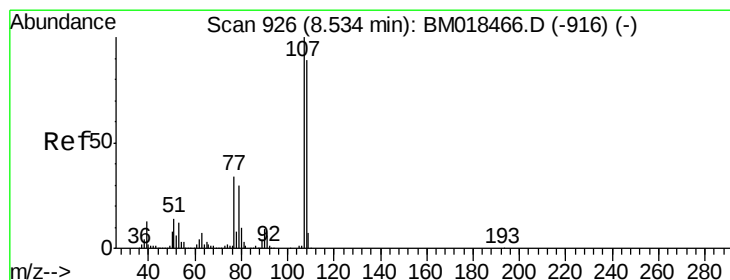
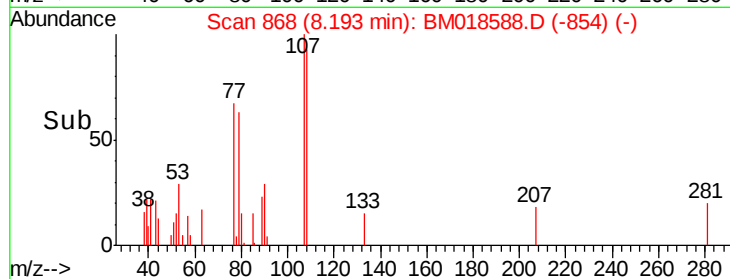
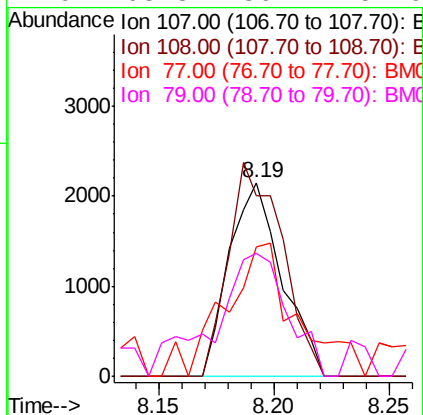
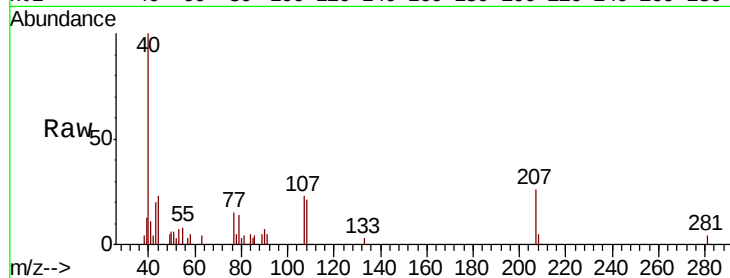




#17
2-Methylphenol
Concen: 2.035 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

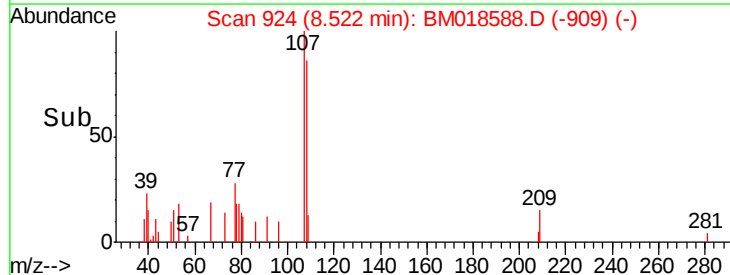
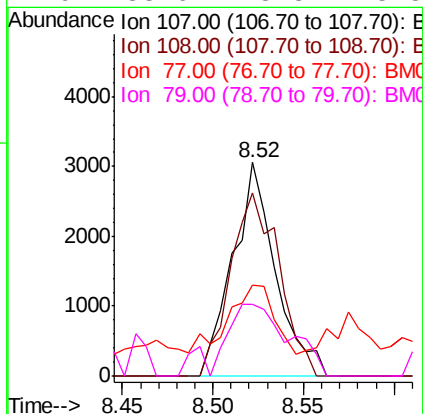
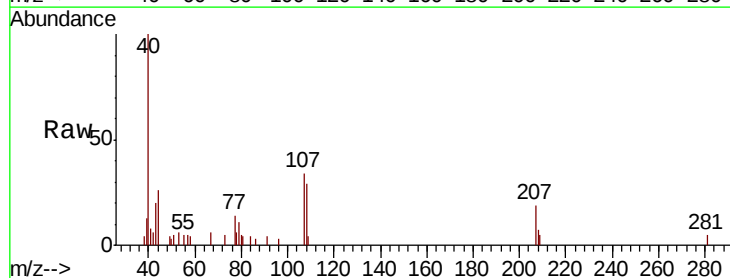
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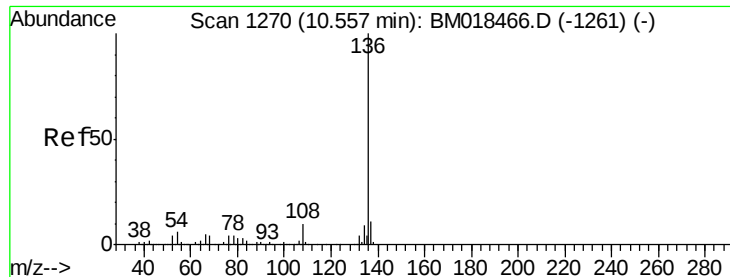
Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	87.5	131.3
77	67.0	37.3	55.9#
79	63.3	36.4	54.6#



#20
3+4-Methylphenols
Concen: 2.166 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.8	106.8
77	42.4	13.3	53.3
79	33.6	8.8	48.8

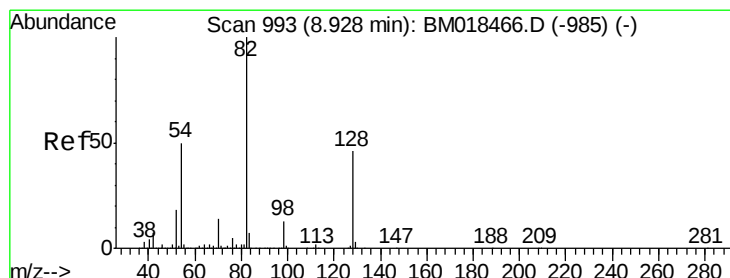
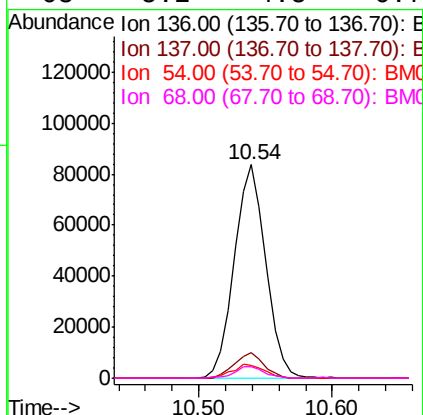
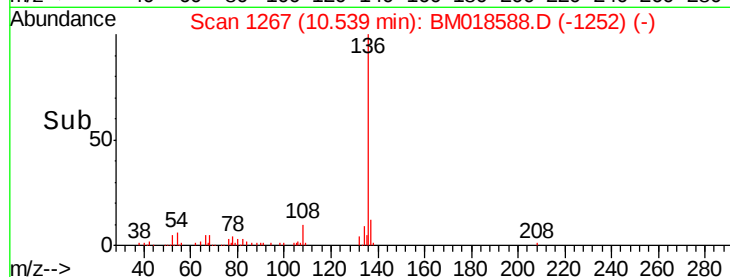
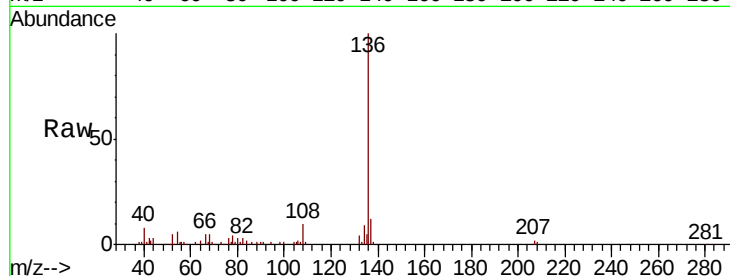




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

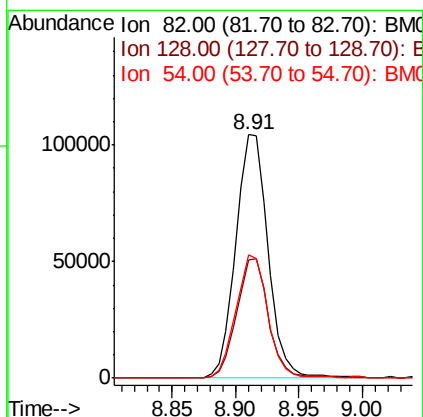
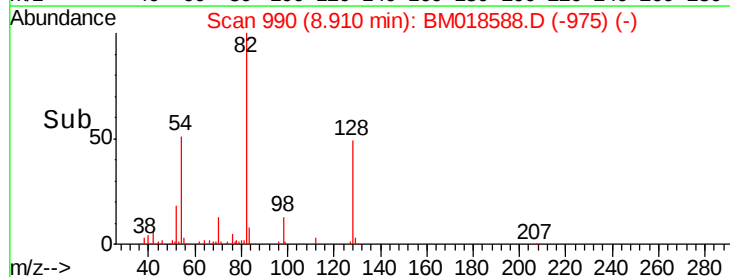
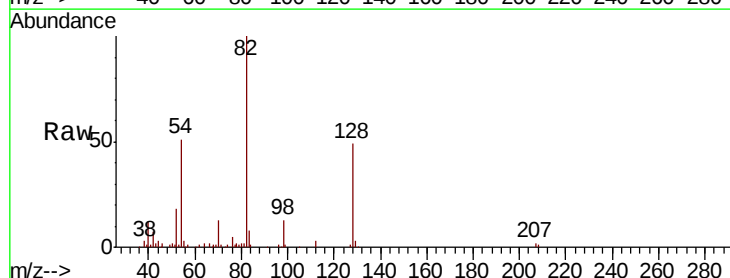
Instrument :
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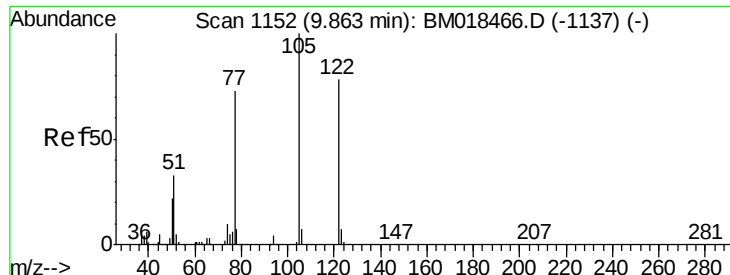
Tgt Ion:	136	Resp:	136706
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	6.3	6.0	9.0
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 78.048 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Tgt Ion:	82	Resp:	184051
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.3	54.5
54	50.7	41.7	62.5

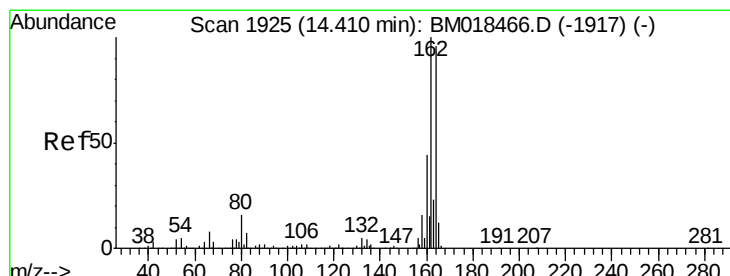
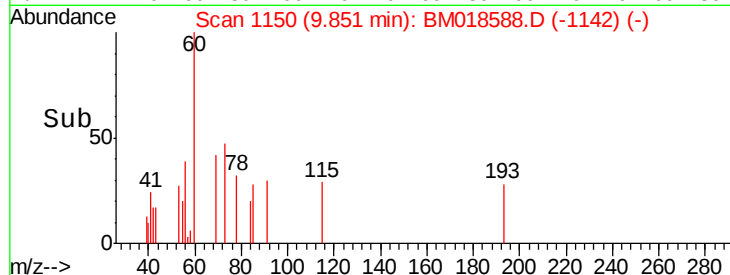
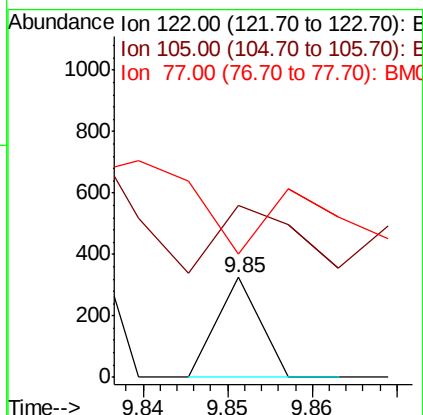
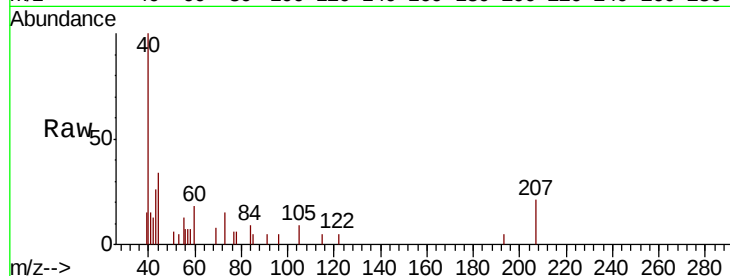




#32
Benzoic acid
Concen: 6.590 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

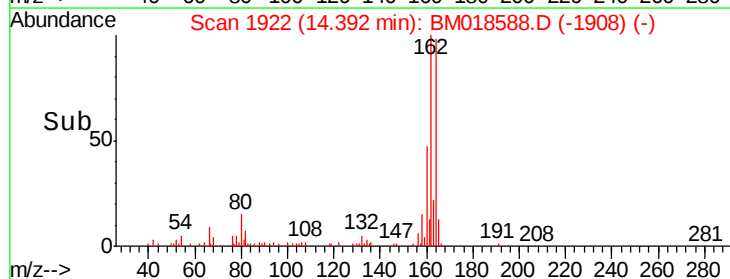
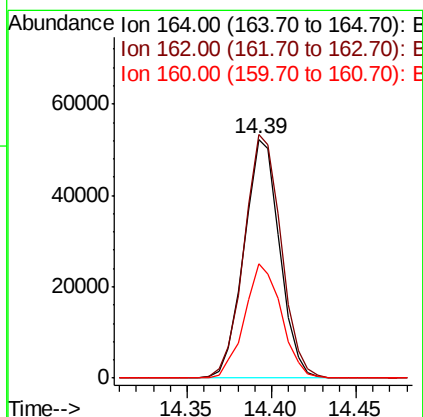
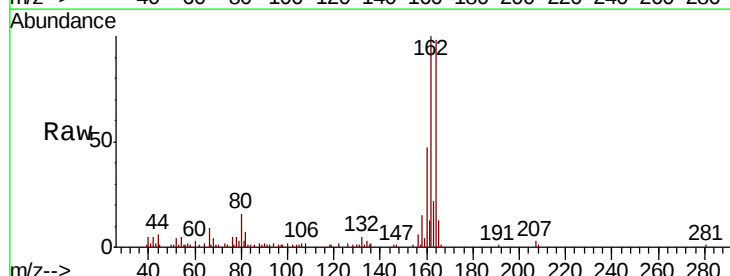
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BNA_M
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SW002-190114-01

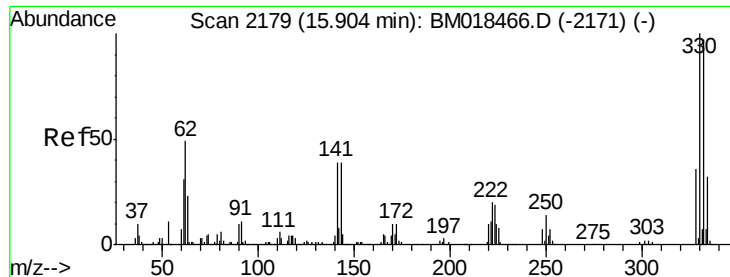
Tgt Ion	Ratio	Lower	Upper
122	100		
105	171.8	100.4	140.4#
77	123.6	71.7	111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	47.8	37.1	55.7

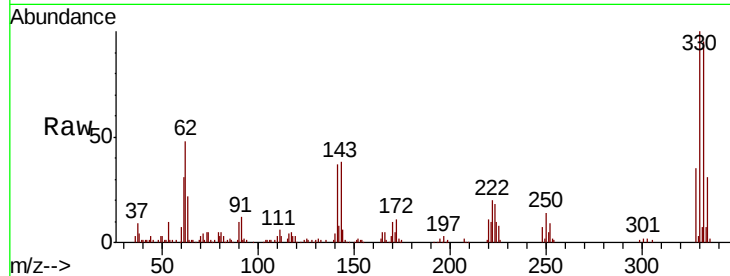




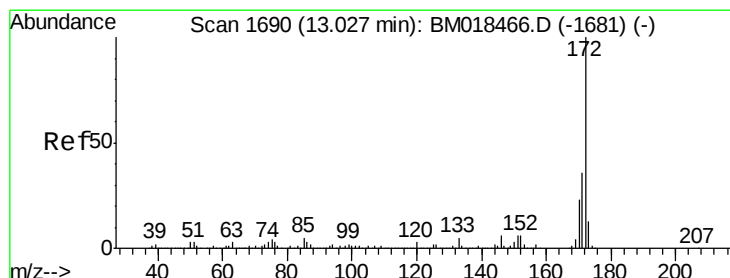
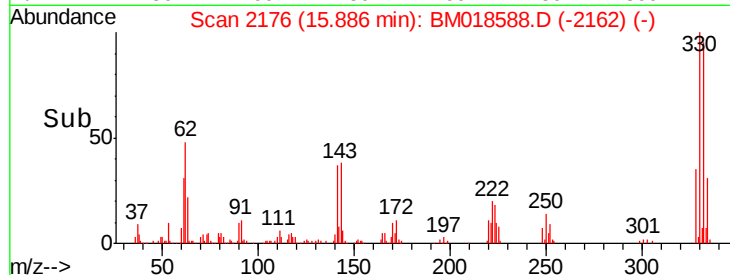
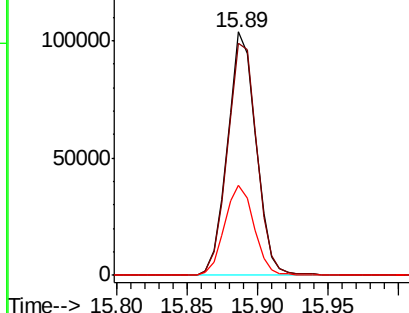
#42
 2,4,6-Tribromophenol
 Concen: 149.587 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018588.D
 Acq: 16 Jan 2019 18:02

Instrument :
 BNA_M
 ClientSampleId :
 SW002-190114-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	38.1	31.7	47.5

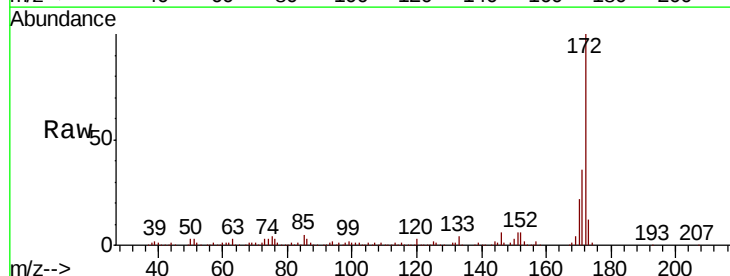


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

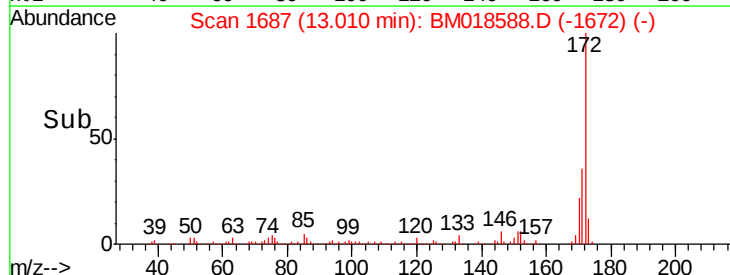
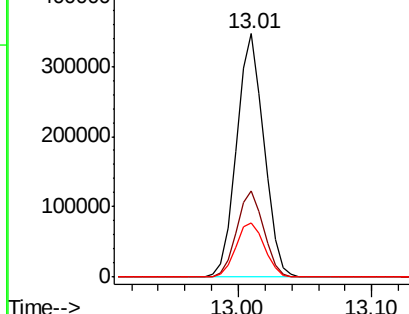


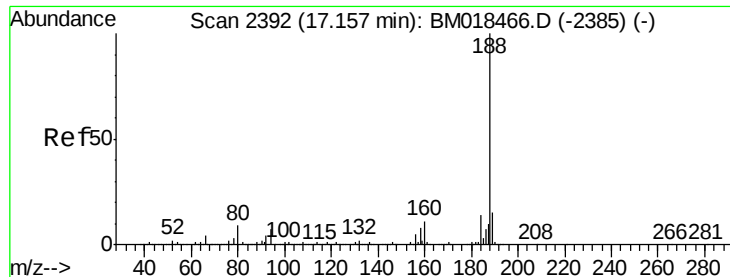
#45
 2-Fluorobiphenyl
 Concen: 83.614 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018588.D
 Acq: 16 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	22.2	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

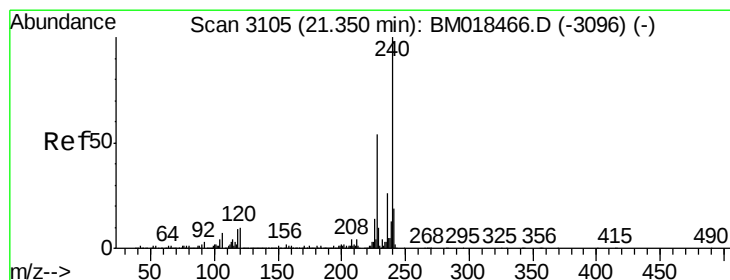
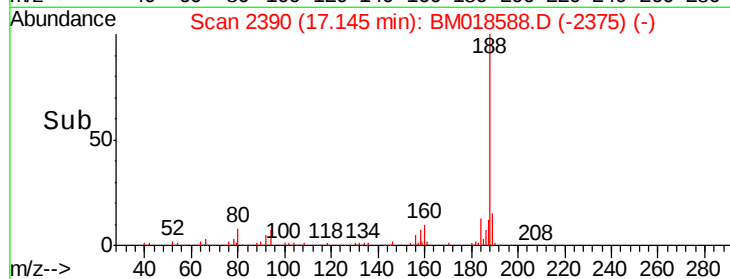
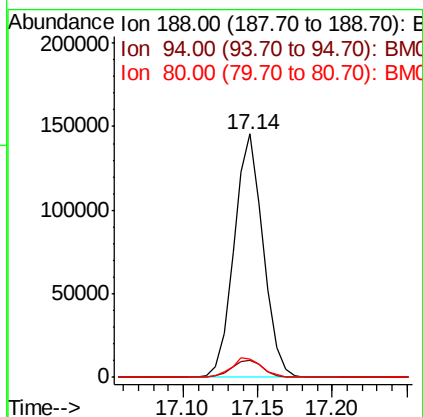
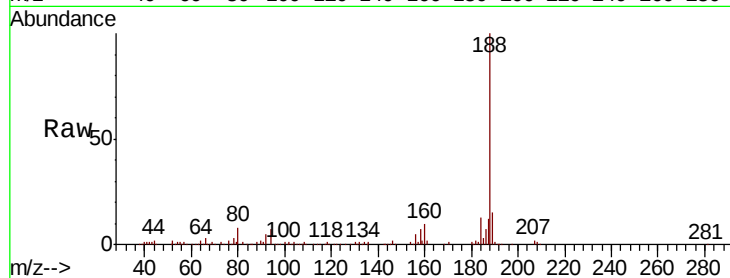




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

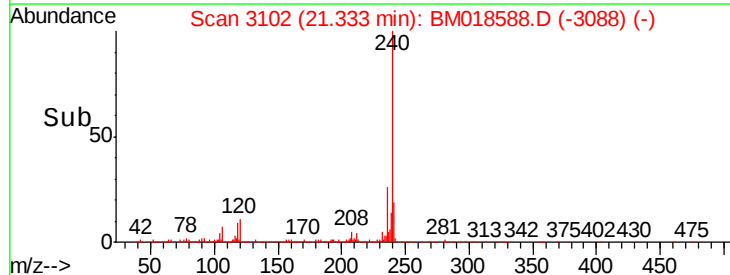
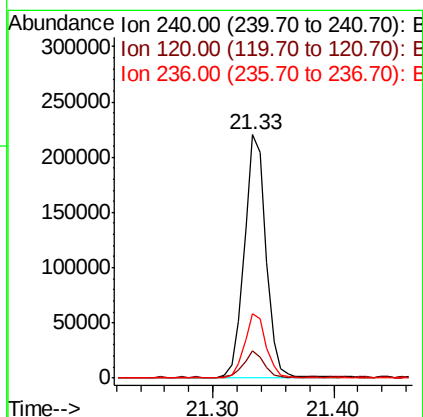
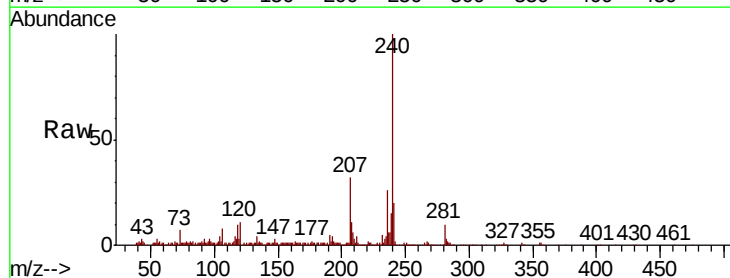
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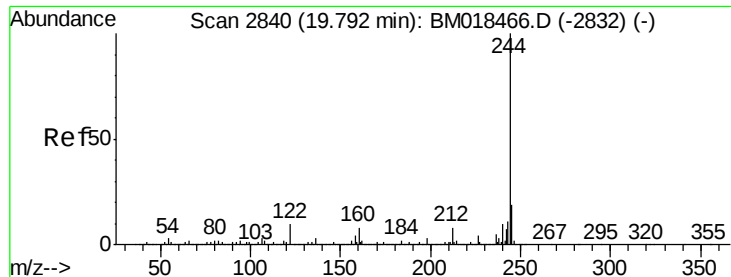
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.1	10.7#
80	7.7	7.6	11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018588.D
Acq: 16 Jan 2019 18:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	26.3	20.7	31.1





#79

Terphenyl-d14

Concen: 81.241 ng

RT: 19.77 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM018588.D

Acq: 16 Jan 2019 18:02

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

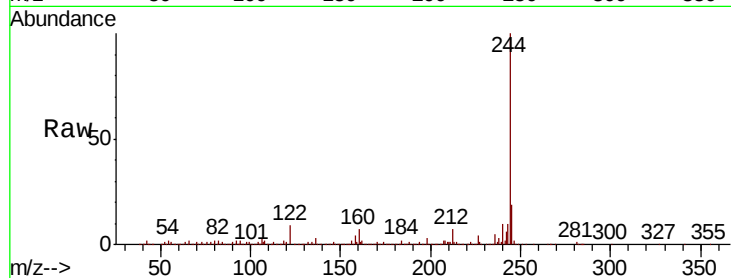
Tgt Ion:244 Resp: 1059135

Ion Ratio Lower Upper

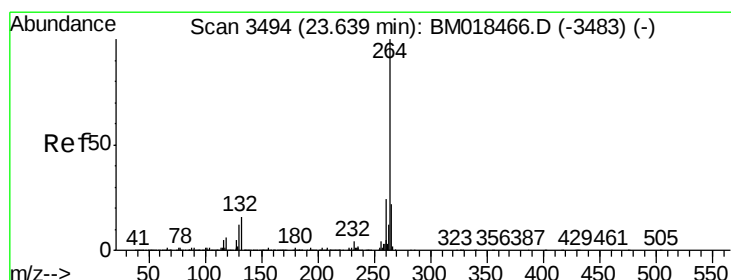
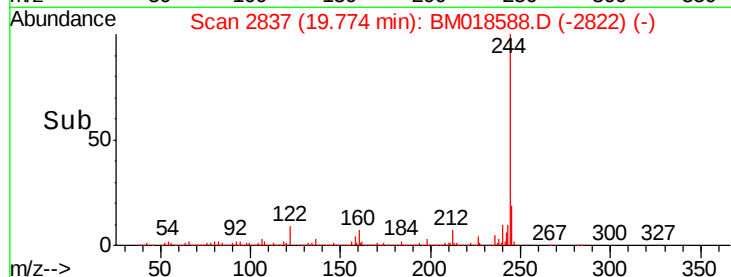
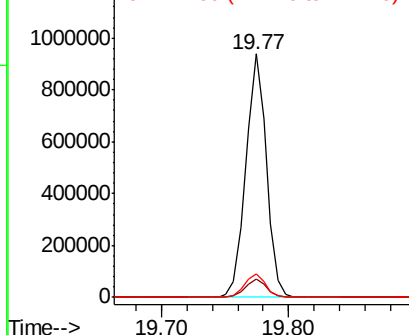
244 100

212 7.4 5.9 8.9

122 9.4 9.0 13.4



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: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018588.D

Acq: 16 Jan 2019 18:02

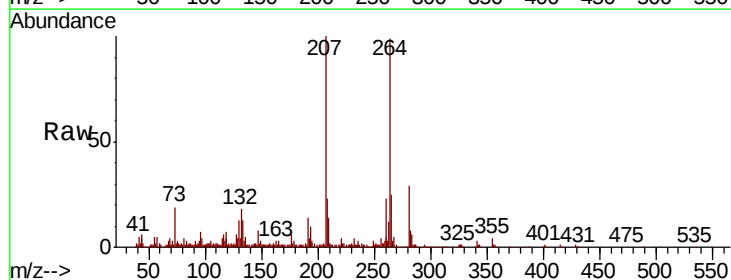
Tgt Ion:264 Resp: 266315

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 25.1 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

