

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018421.D
 Acq On : 28 Dec 2018 06:39
 Operator : JU/SJ
 Sample : J6572-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381206005-2

Quant Time: Dec 28 07:59:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	579928	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	2606257	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1519481	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	3378900	20.00	ng	0.00
76) Chrysene-d12	21.37	240	3244292	20.00	ng	0.00
87) Perylene-d12	23.66	264	2632222	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	92516	3.01	ng	0.00
7) Phenol-d6	6.95	99	195811	4.58	ng	0.01
23) Nitrobenzene-d5	8.95	82	791006	17.42	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	183589	9.51	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2469452	22.01	ng	0.00
79) Terphenyl-d14	19.81	244	4090038	26.86	ng	0.00

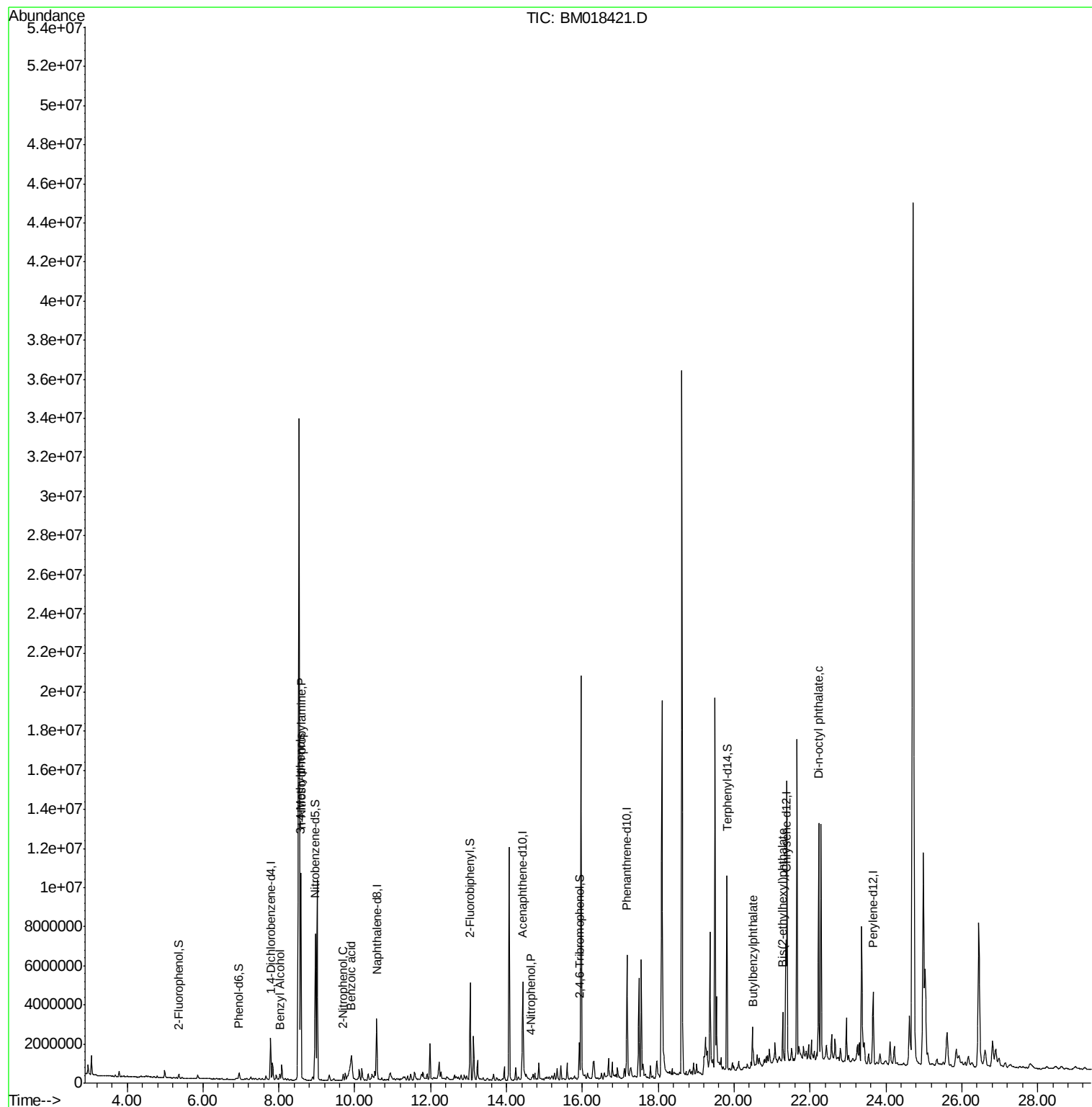
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.03	79	100079	3.019	ng	95
19) n-Nitroso-di-n-propylamine	8.58	70	273314	8.400	ng	# 69
20) 3+4-Methylphenols	8.57	107	318972	7.638	ng	94
26) 2-Nitrophenol	9.69	139	107	7.950	ng	# 1
32) Benzoic acid	9.92	122	870395	45.937	ng	97
54) 2,4-Dinitrophenol	14.53	184	138	Below Cal	#	1
56) 4-Nitrophenol	14.64	139	246	5.675	ng	# 51
80) Butylbenzylphthalate	20.51	149	57772	7.217	ng	93
84) Bis(2-ethylhexyl)phthalate	21.28	149	897137	7.067	ng	100
85) Di-n-octyl phthalate	22.23	149	1572489	7.494	ng	# 46

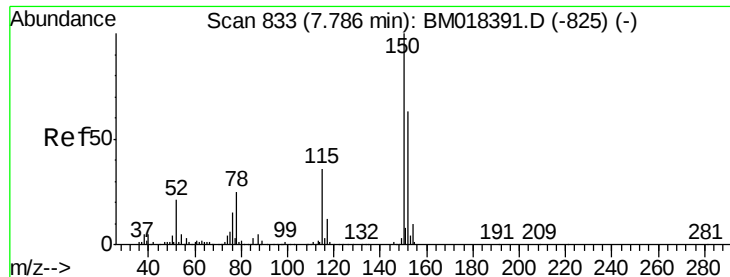
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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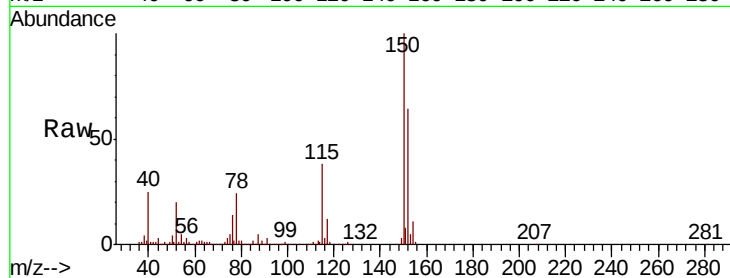


#1

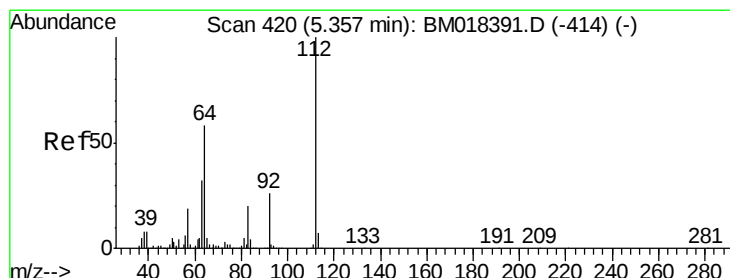
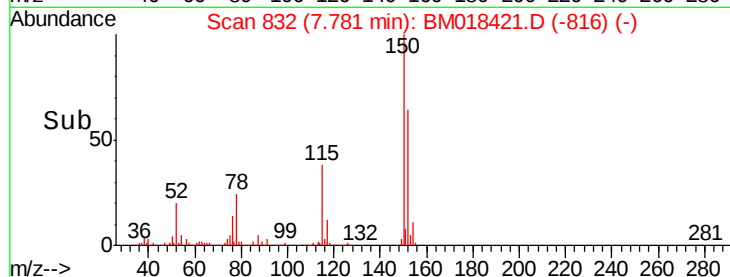
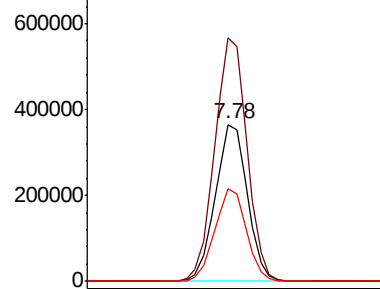
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Instrument :
BNA_M
ClientSampleId :
381206005-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	58.7	45.5	68.3



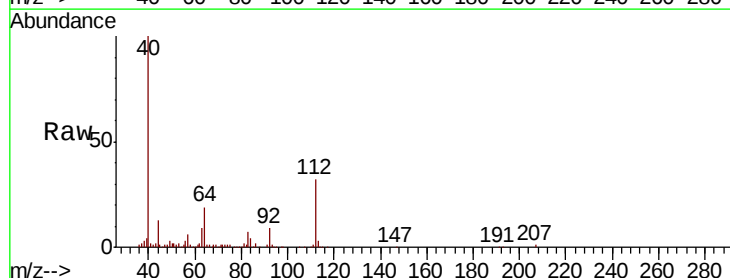
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



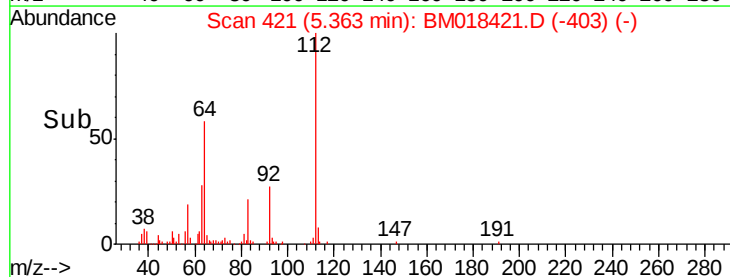
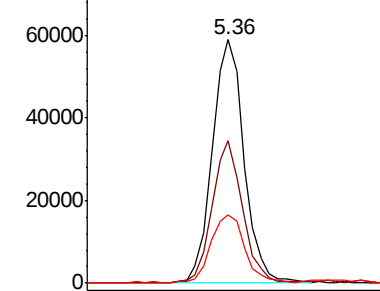
#5

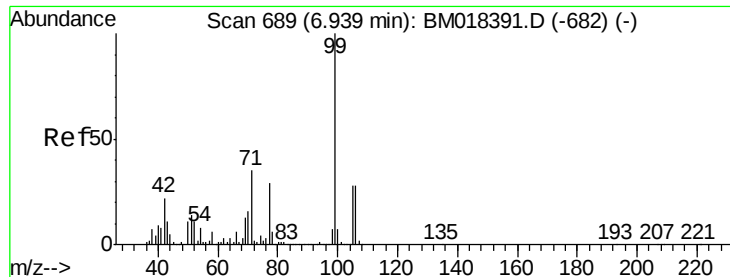
2-Fluorophenol
Concen: 3.008 ng
RT: 5.36 min Scan# 421
Delta R.T. 0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.5	69.7
63	27.8	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: 4.584 ng

RT: 6.95 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

Instrument :

BNA_M

ClientSampled :

381206005-2

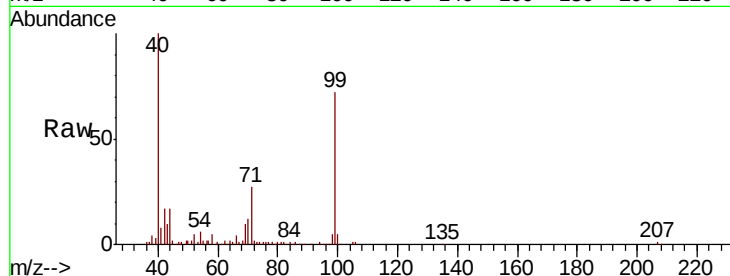
Tgt Ion: 99 Resp: 195811

Ion Ratio Lower Upper

99 100

42 23.4 17.3 25.9

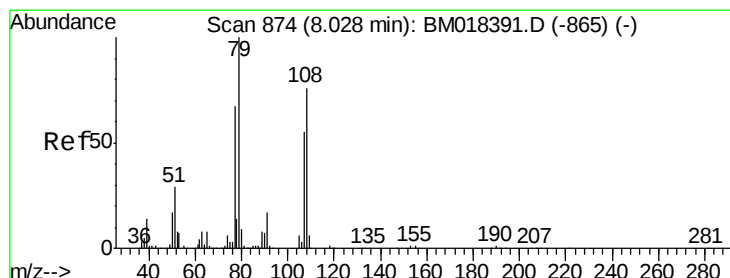
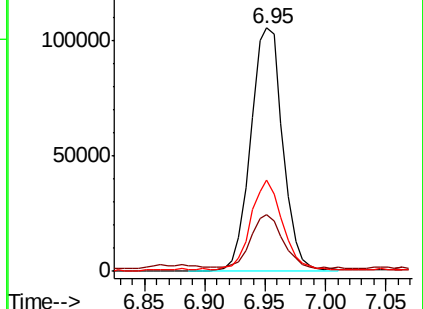
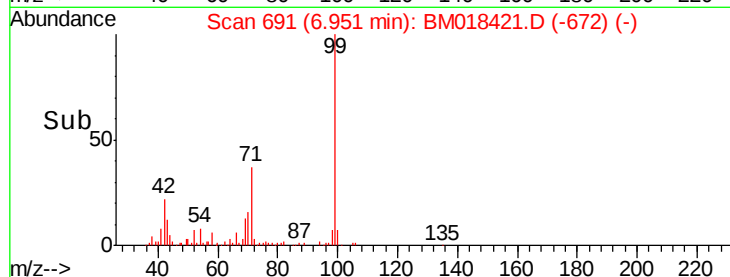
71 37.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018421.D (-692) (-)

Ion 42.00 (41.70 to 42.70): BM018421.D (-692) (-)

Ion 71.00 (70.70 to 71.70): BM018421.D (-692) (-)



#15

Benzyl Alcohol

Concen: 3.019 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

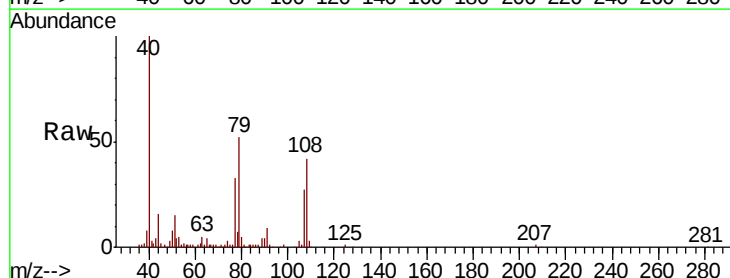
Tgt Ion: 79 Resp: 100079

Ion Ratio Lower Upper

79 100

108 81.1 60.4 90.6

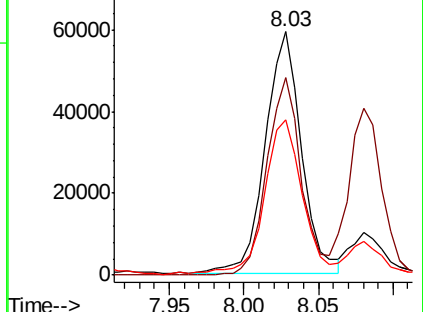
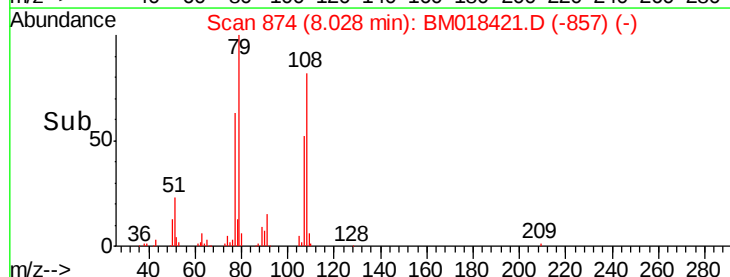
77 63.9 53.4 80.2

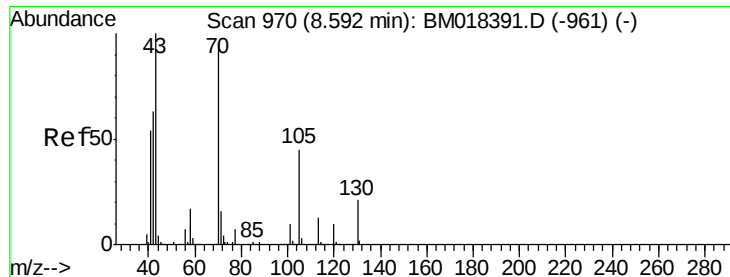


Abundance Ion 79.00 (78.70 to 79.70): BM018421.D (-857) (-)

Ion 108.00 (107.70 to 108.70): BM018421.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM018421.D (-857) (-)

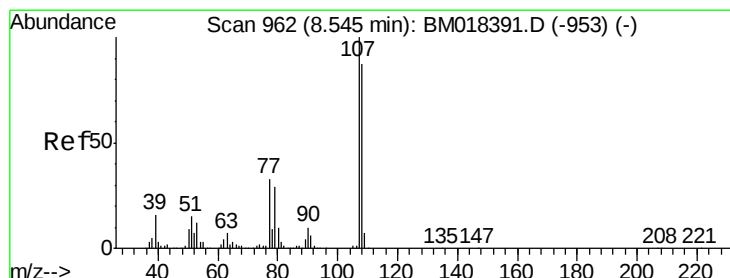
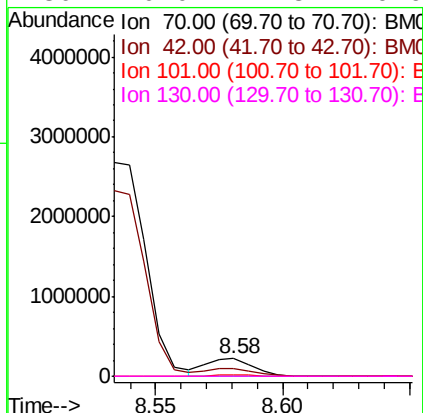
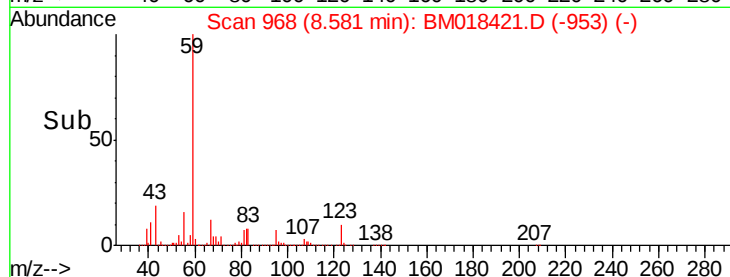
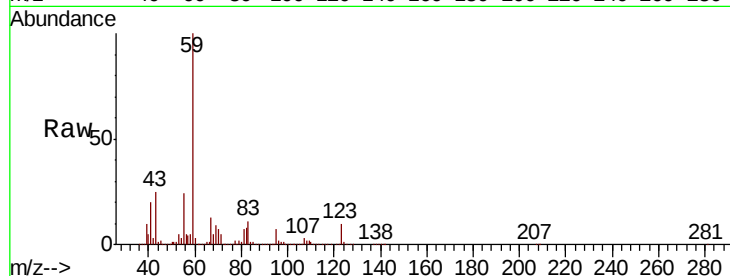




#19
n-Nitroso-di-n-propylamine
Concen: 8.400 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

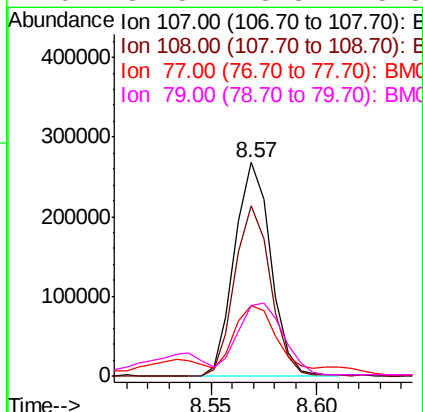
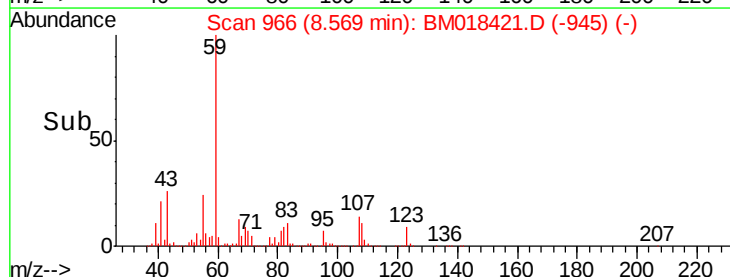
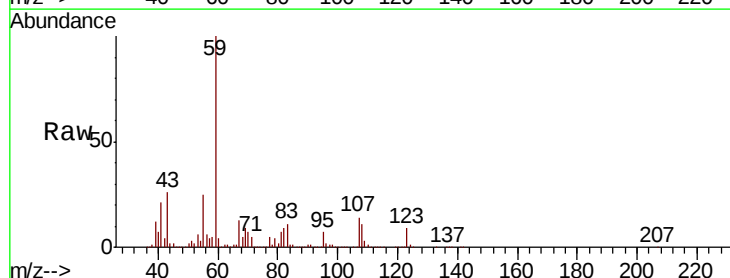
Instrument :
BNA_M
ClientSampleId :
381206005-2

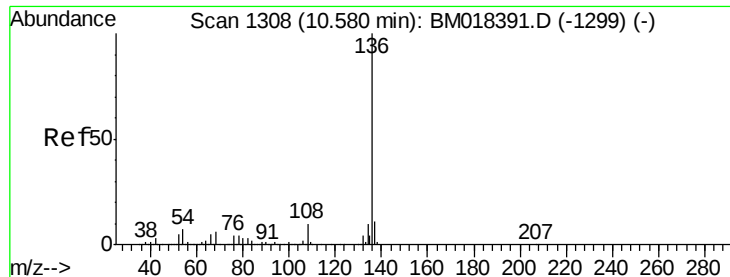
Tgt Ion:	70	Resp:	273314
Ion	Ratio	Lower	Upper
70	100		
42	44.2	54.0	81.0#
101	5.8	8.1	12.1#
130	0.0	17.8	26.6#



#20
3+4-Methylphenols
Concen: 7.638 ng
RT: 8.57 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Tgt Ion:	107	Resp:	318972
Ion	Ratio	Lower	Upper
107	100		
108	80.0	66.8	106.8
77	33.1	13.3	53.3
79	32.8	8.8	48.8

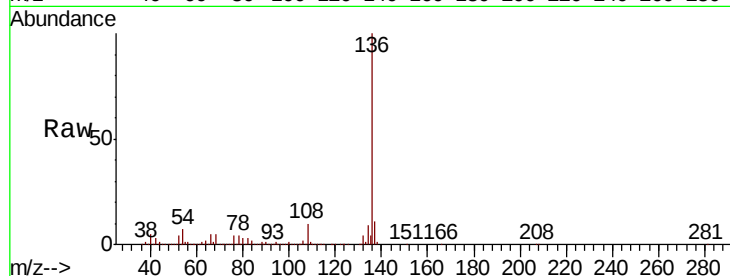




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Instrument :
BNA_M
ClientSampleId :
381206005-2

Tgt Ion:	136	Resp:	2606257
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	6.0	9.0
68	4.8	4.5	6.7



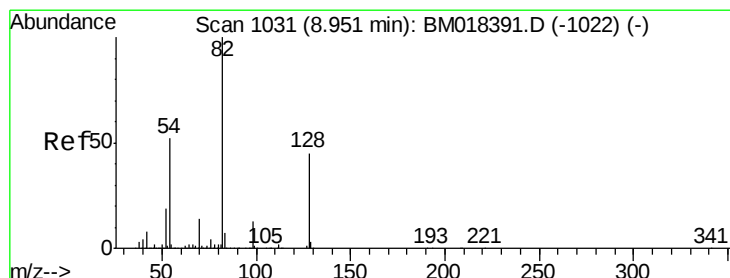
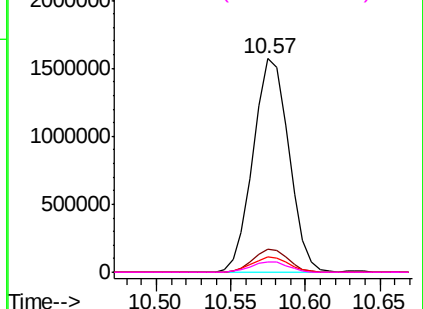
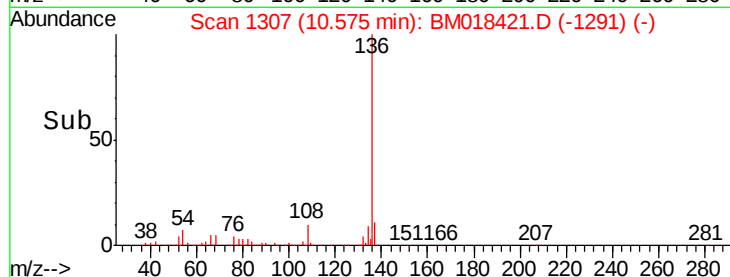
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

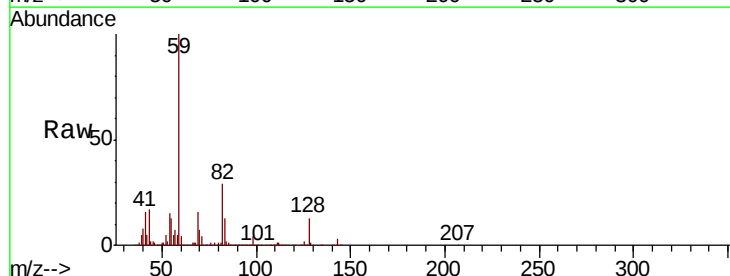
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 17.419 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Tgt Ion:	82	Resp:	791006
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.3	54.5
54	49.9	41.7	62.5

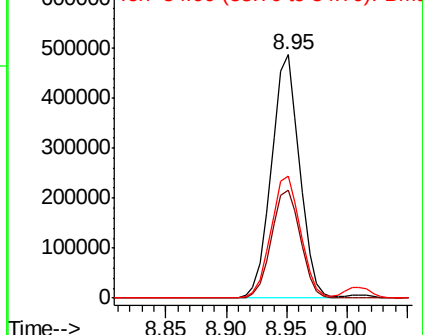
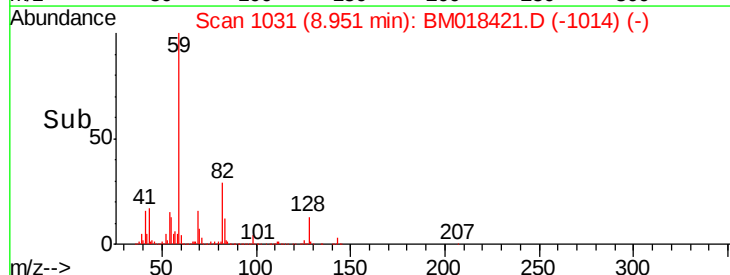


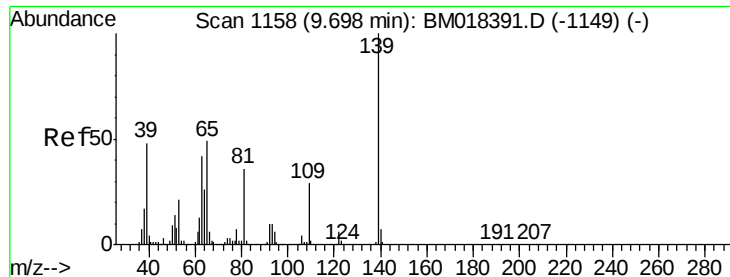
Abundance

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

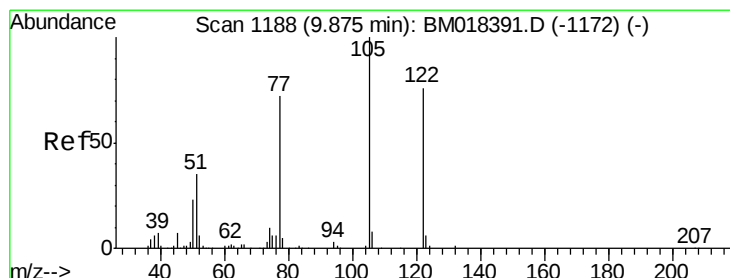
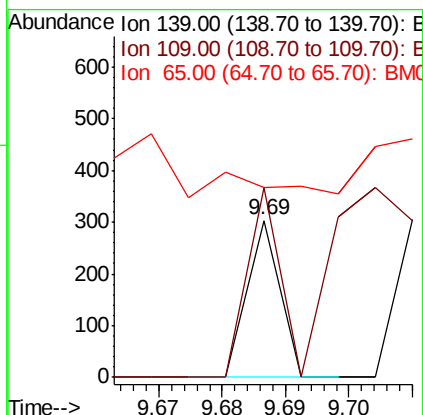
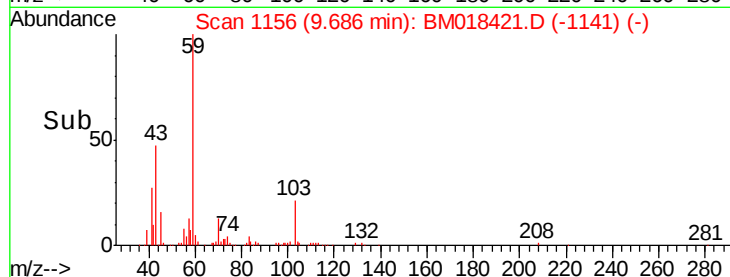
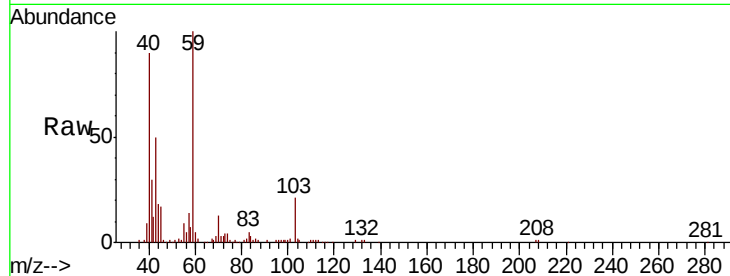




#26
2-Nitrophenol
Concen: 7.950 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

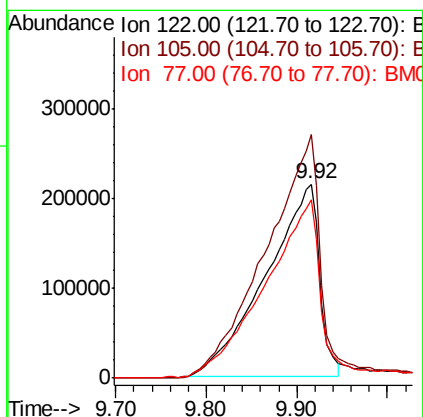
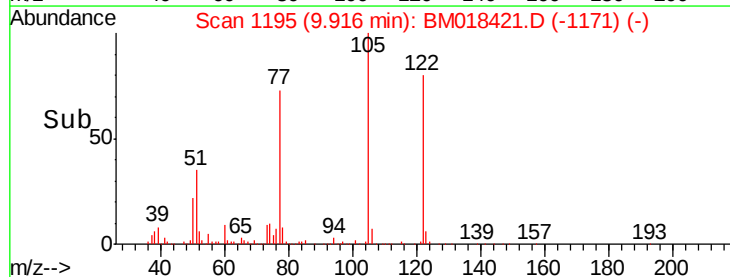
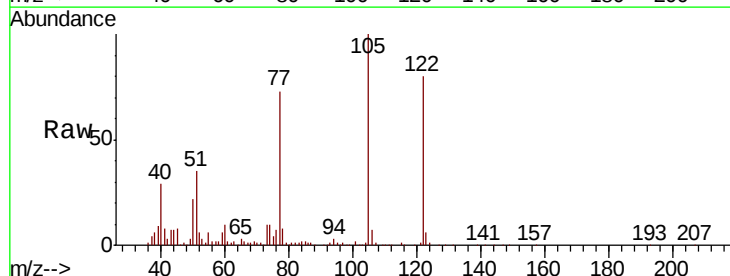
Instrument :
BNA_M
ClientSampleId :
381206005-2

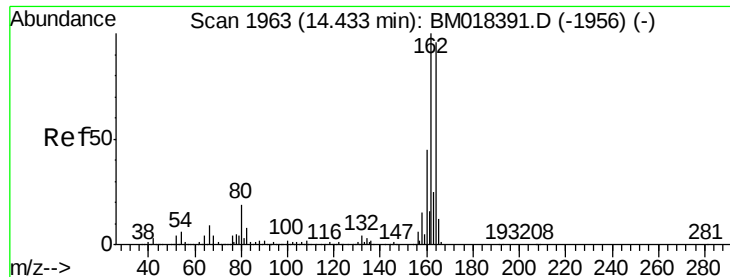
Tgt Ion	Ratio	Lower	Upper
139	100		
109	120.7	23.4	35.2#
65	120.7	39.4	59.2#



#32
Benzoic acid
Concen: 45.937 ng
RT: 9.92 min Scan# 1195
Delta R.T. 0.04 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	100.4	140.4
77	91.6	71.7	111.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

Instrument :

BNA_M

ClientSampleId :

381206005-2

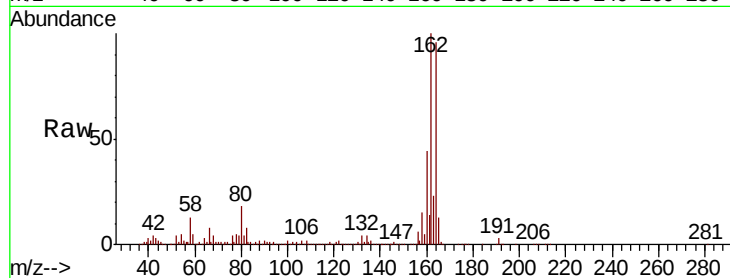
Tgt Ion:164 Resp: 1519481

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

160 46.0 37.1 55.7

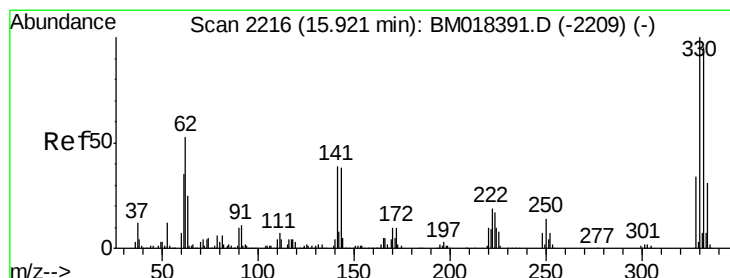
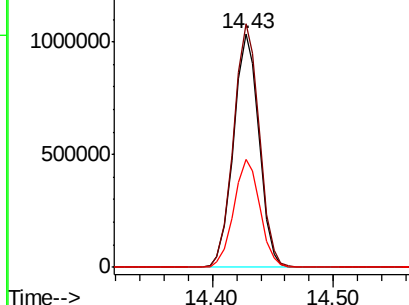
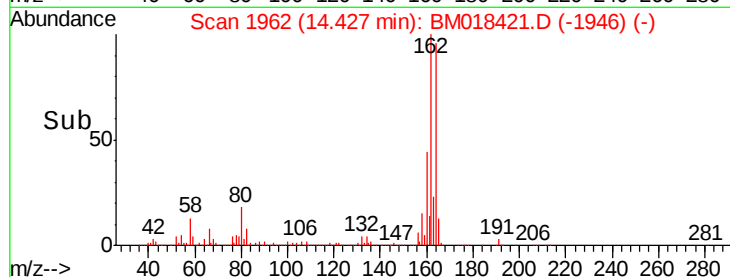


Abundance

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: 9.509 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

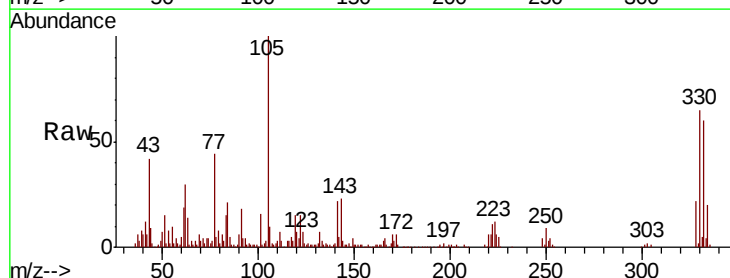
Tgt Ion:330 Resp: 183589

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

141 39.2 31.7 47.5

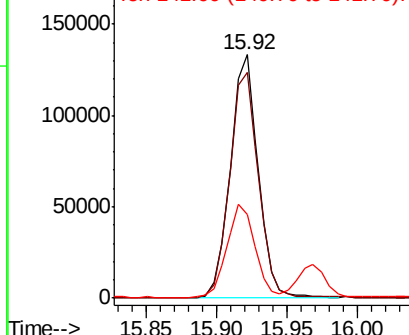
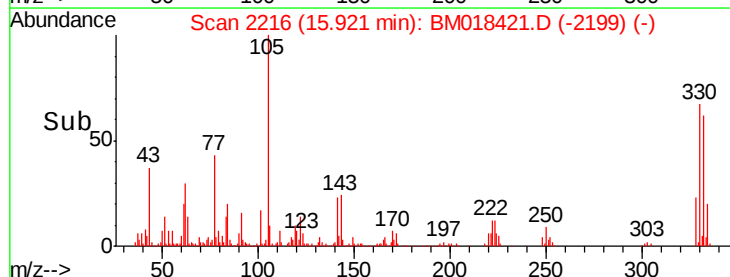


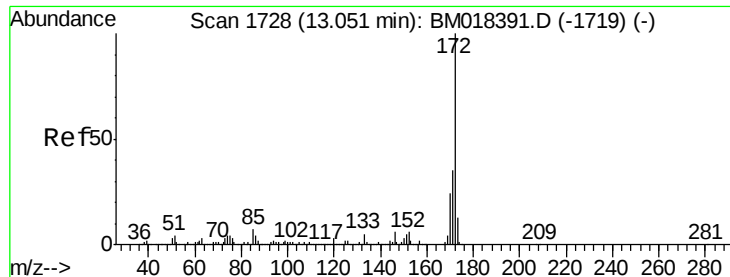
Abundance

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

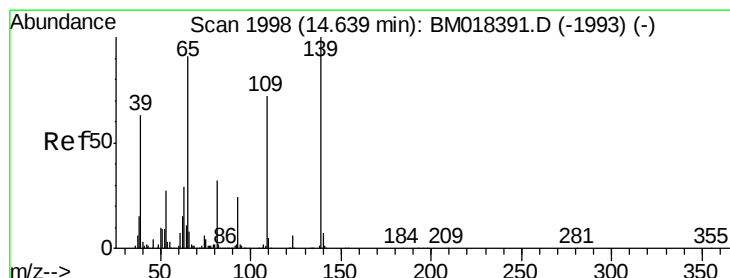
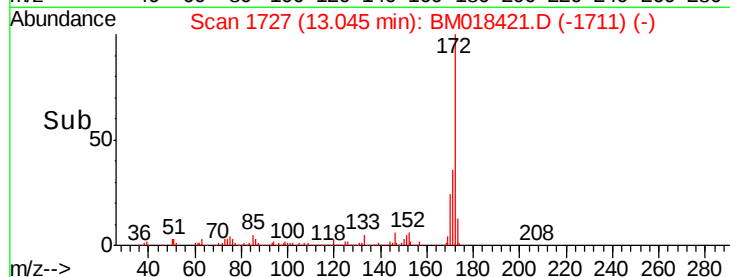
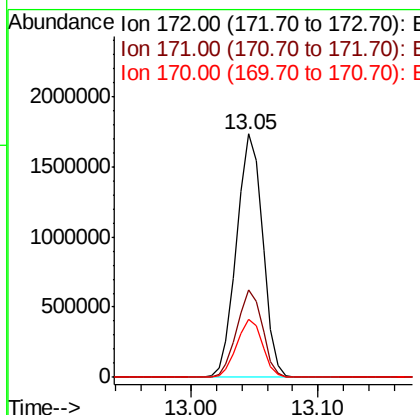
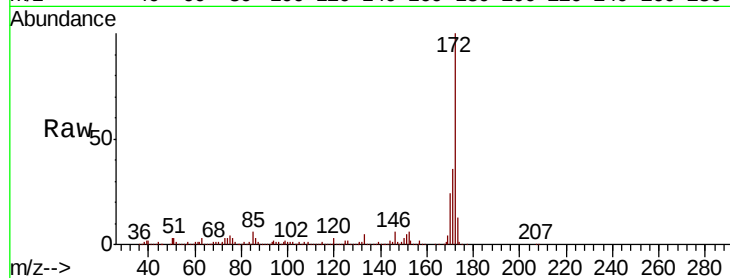




#45
2-Fluorobiphenyl
Concen: 22.012 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

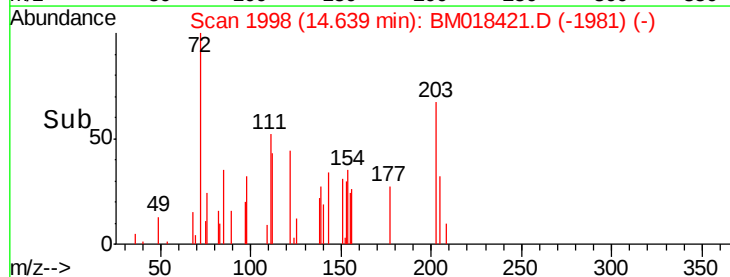
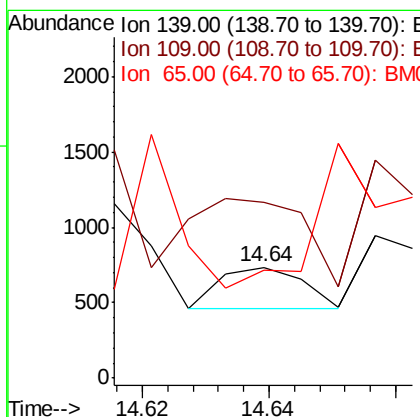
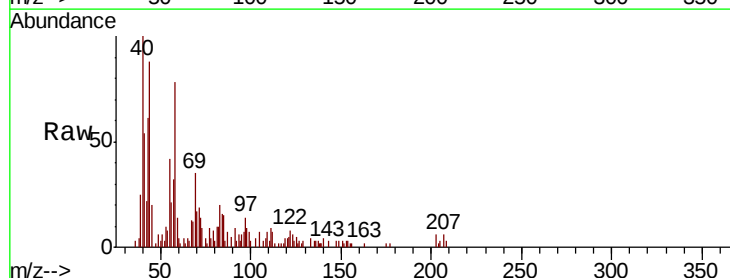
Instrument :
BNA_M
ClientSampleId :
381206005-2

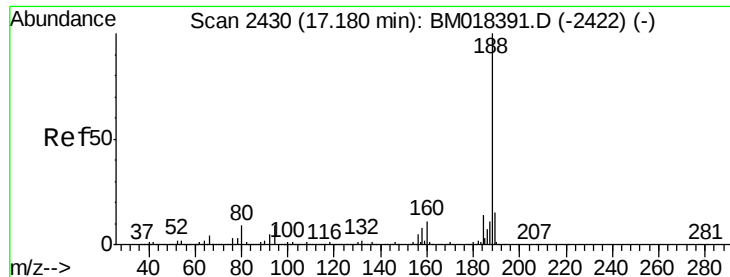
Tgt Ion:172 Resp: 2469452
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 23.6 18.9 28.3



#56
4-Nitrophenol
Concen: 5.675 ng
RT: 14.64 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Tgt Ion:139 Resp: 246
Ion Ratio Lower Upper
139 100
109 158.6 51.7 91.7#
65 97.4 71.4 111.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

Instrument :

BNA_M

ClientSampleId :

381206005-2

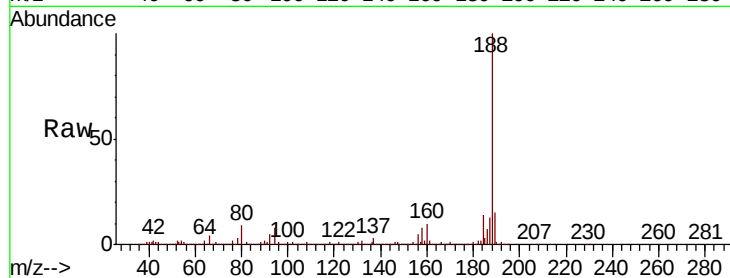
Tgt Ion:188 Resp: 3378900

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

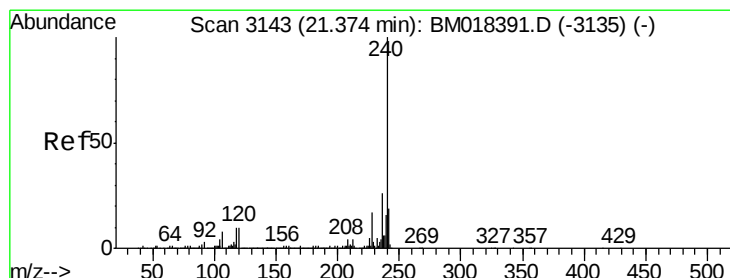
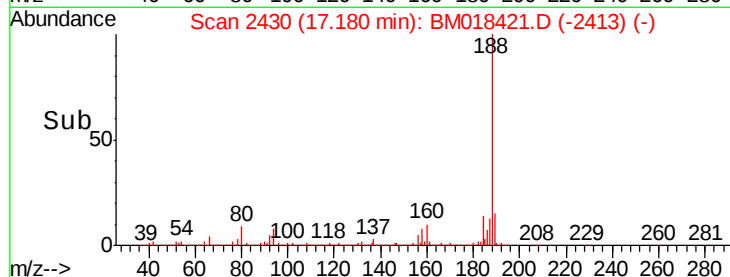
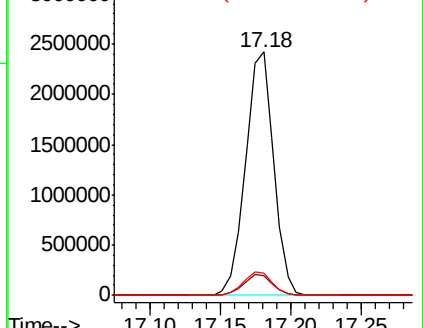
80 9.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

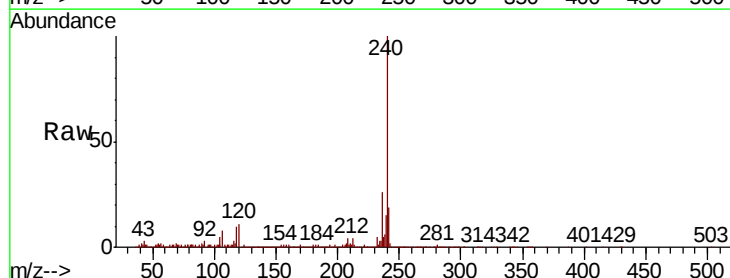
Tgt Ion:240 Resp: 3244292

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

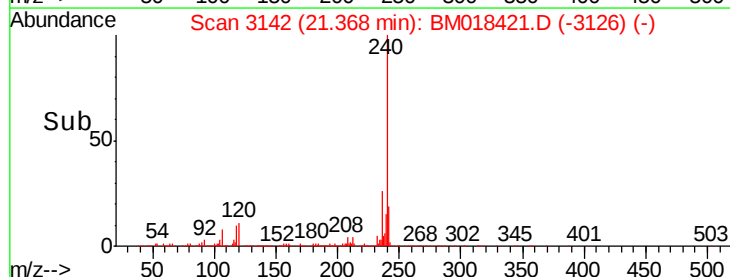
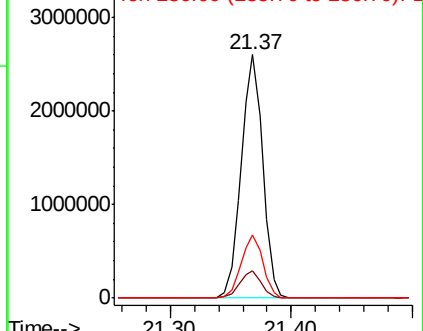
236 25.9 20.7 31.1

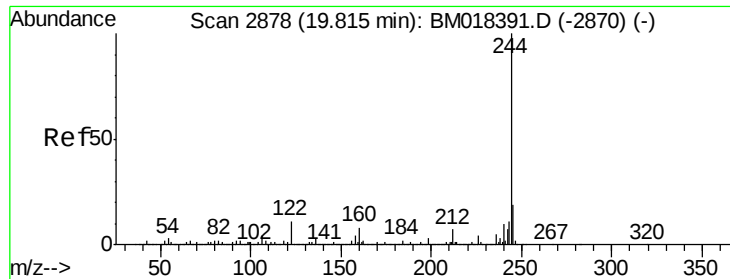


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 26.864 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

Instrument :

BNA_M

ClientSampleId :

381206005-2

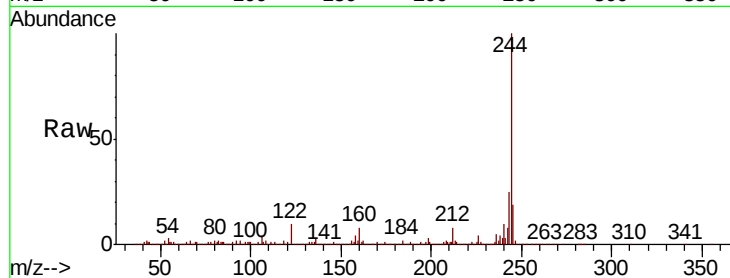
Tgt Ion:244 Resp: 4090038

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

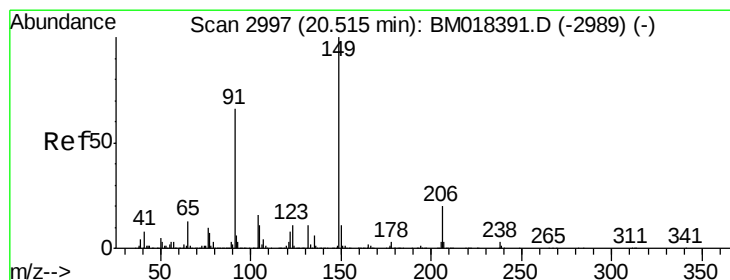
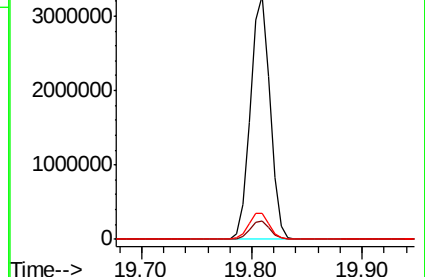
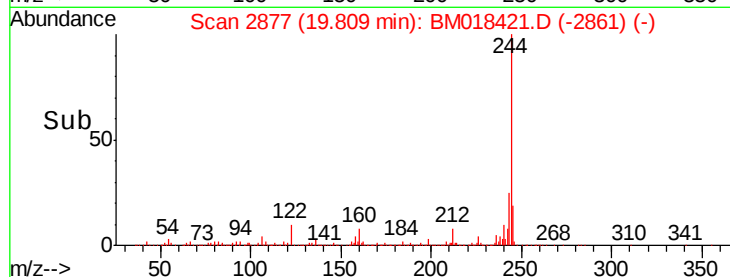
122 10.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 7.217 ng

RT: 20.51 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BM018421.D

Acq: 28 Dec 2018 06:39

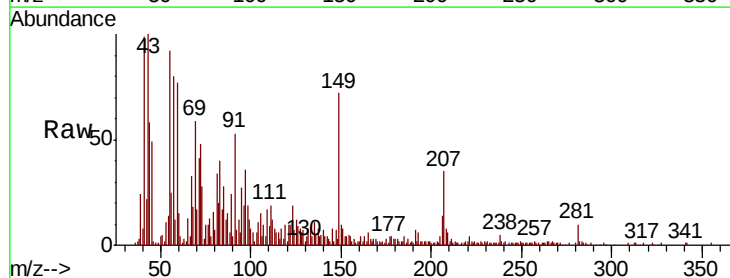
Tgt Ion:149 Resp: 57772

Ion Ratio Lower Upper

149 100

91 73.5 53.1 79.7

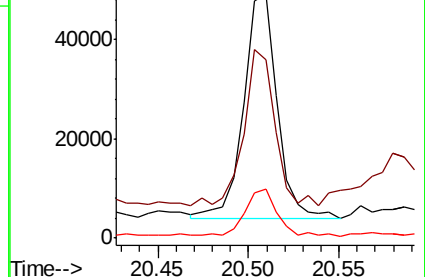
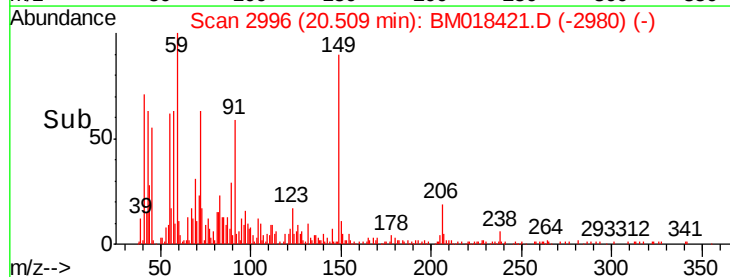
206 20.2 16.2 24.4

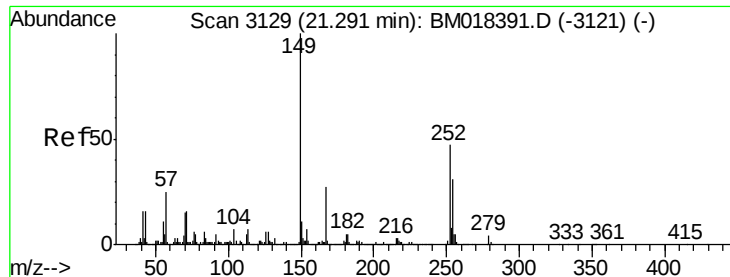


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

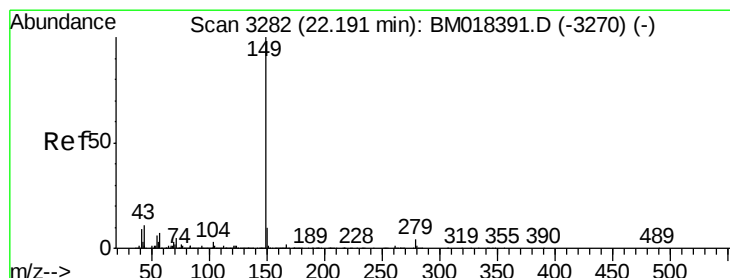
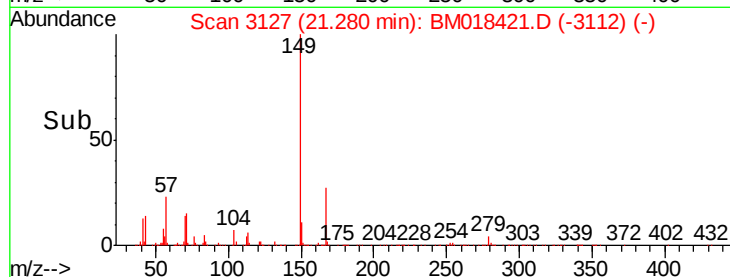
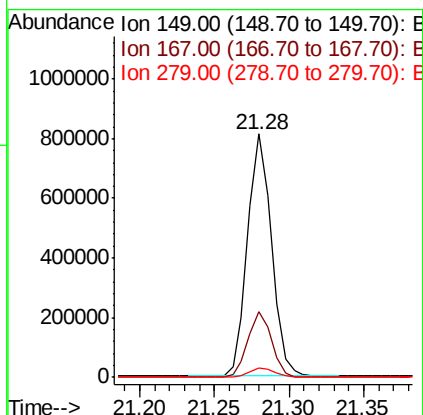
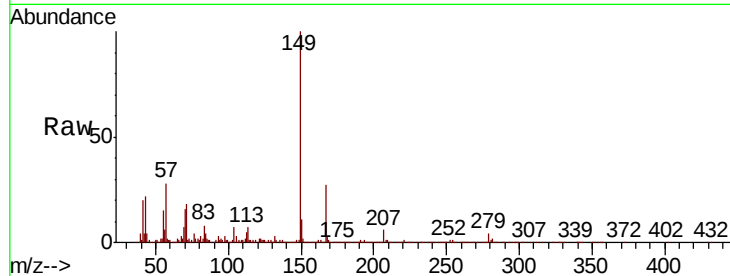




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.067 ng
 RT: 21.28 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BM018421.D
 Acq: 28 Dec 2018 06:39

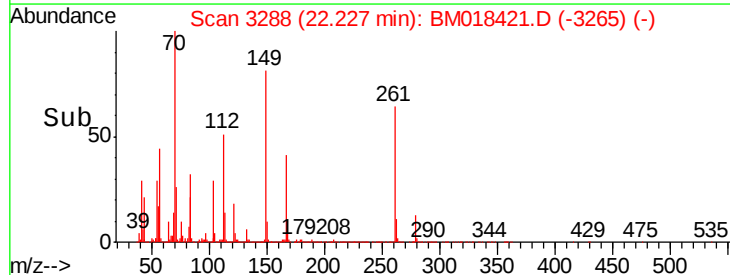
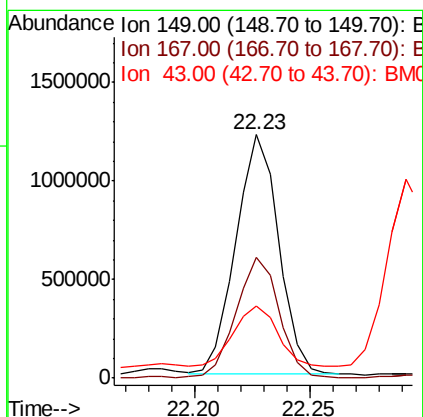
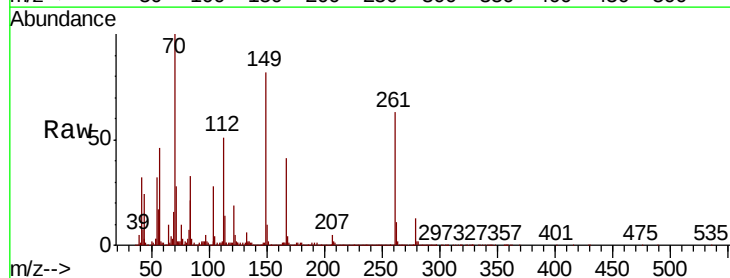
Instrument :
 BNA_M
 ClientSampleId :
 381206005-2

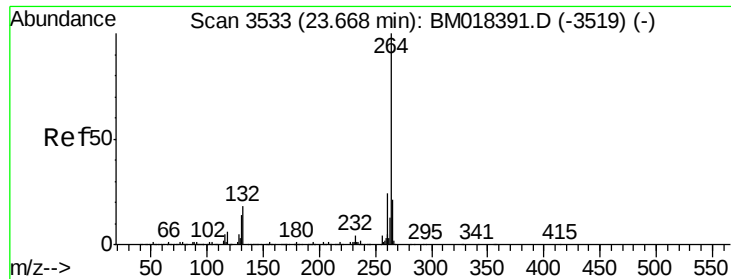
Tgt Ion:149 Resp: 897137
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.6 32.4
 279 4.0 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 7.494 ng
 RT: 22.23 min Scan# 3288
 Delta R.T. 0.04 min
 Lab File: BM018421.D
 Acq: 28 Dec 2018 06:39

Tgt Ion:149 Resp: 1572489
 Ion Ratio Lower Upper
 149 100
 167 50.8 1.3 1.9#
 43 26.6 8.6 12.8#



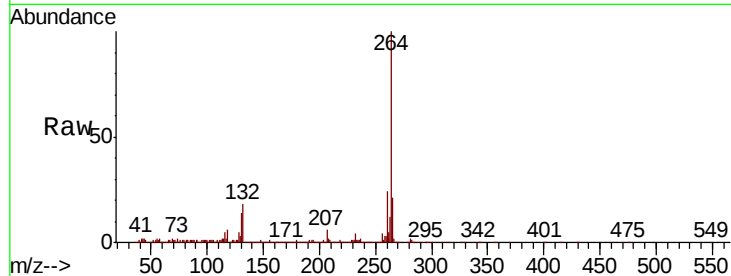


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018421.D
Acq: 28 Dec 2018 06:39

Instrument :
BNA_M
ClientSampleId :
381206005-2

Tgt Ion:264 Resp: 2632222

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

