

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018988.D
 Acq On : 01 Mar 2019 15:56
 Operator : JU/SJ
 Sample : K1649-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRE-INTERIOR-WALL

Quant Time: Mar 01 22:24:35 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

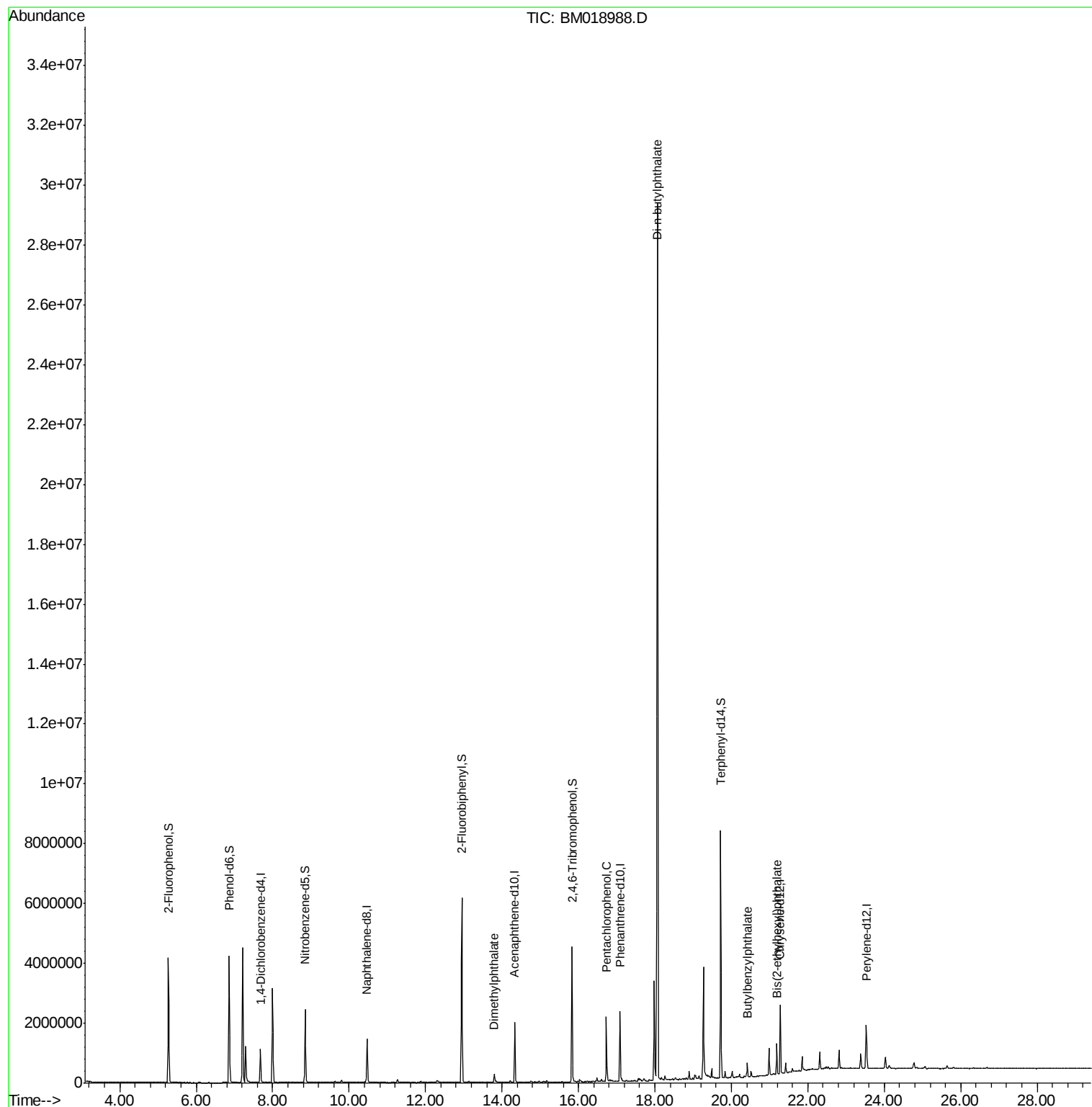
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	283478	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1147228	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	620151	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1259419	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1020963	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1010835	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1731681	100.09	ng	-0.02
7) Phenol-d6	6.86	99	2486557	102.02	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1567277	63.17	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	796909	89.15	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3087504	66.09	ng	-0.03
79) Terphenyl-d14	19.72	244	3609550	72.93	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5260	Below Cal		Qvalue # 21
50) Dimethylphthalate	13.80	163	178193	3.448	ng	99
70) Pentachlorophenol	16.73	266	360982	34.215	ng	99
74) Di-n-butylphthalate	18.06	149	17178320	217.020	ng	# 89
80) Butylbenzylphthalate	20.42	149	124274	4.599	ng	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	363004	9.178	ng	99

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

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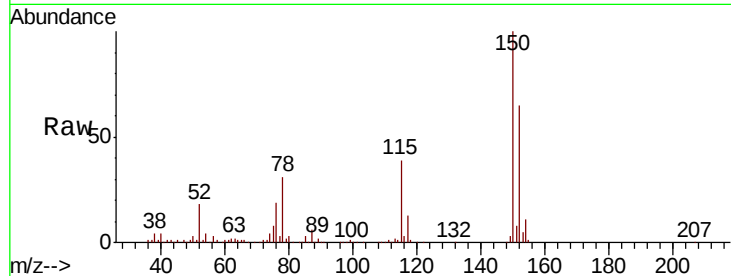


#1

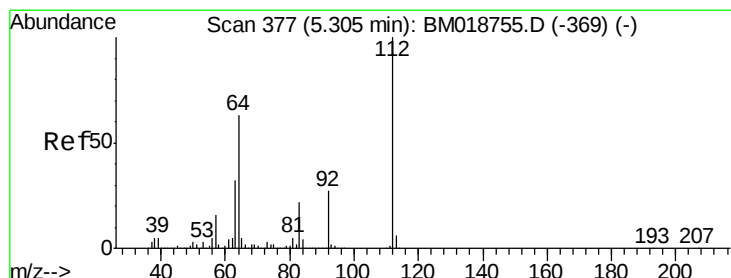
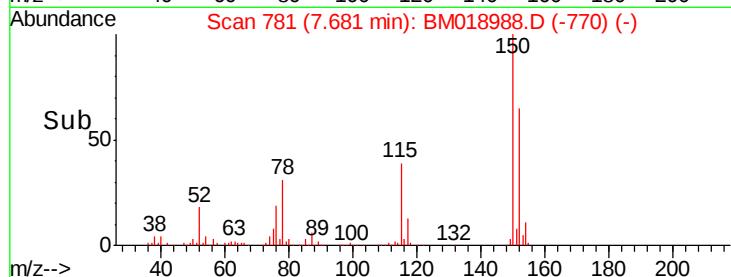
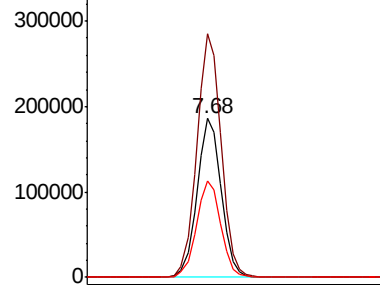
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Instrument :
BNA_M
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TRE-INTERIOR-WALL

Tgt Ion:152 Resp: 283478
Ion Ratio Lower Upper
152 100
150 153.3 127.3 190.9
115 60.3 50.8 76.2



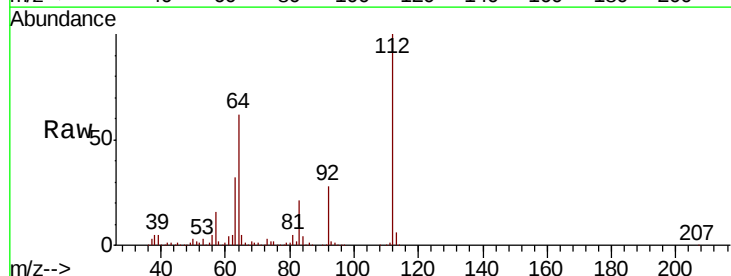
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



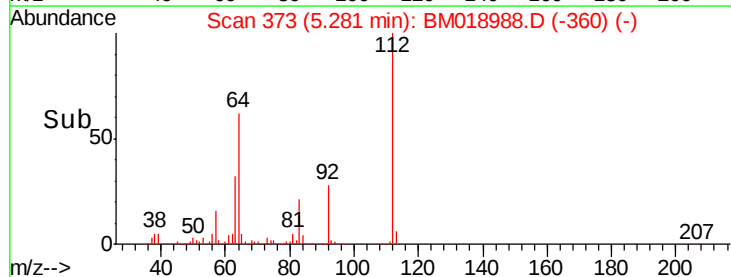
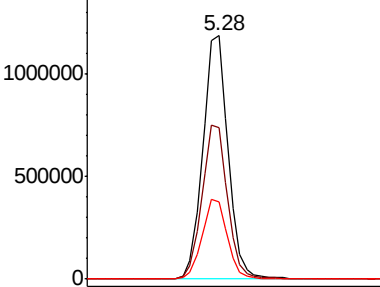
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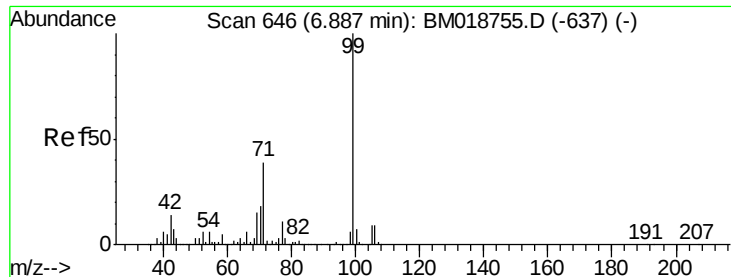
2-Fluorophenol
Concen: 100.089 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Tgt Ion:112 Resp: 1731681
Ion Ratio Lower Upper
112 100
64 62.1 50.6 75.8
63 31.8 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: 102.020 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

Instrument :

BNA_M

ClientSampleId :

TRE-INTERIOR-WALL

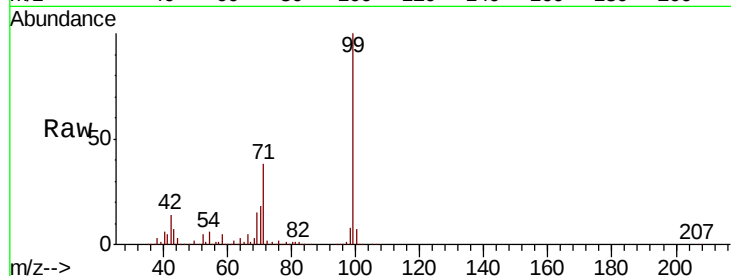
Tgt Ion: 99 Resp: 2486557

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

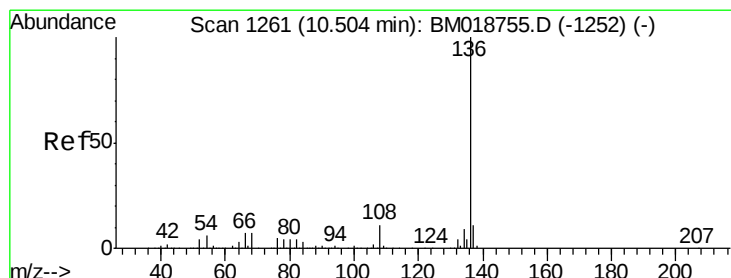
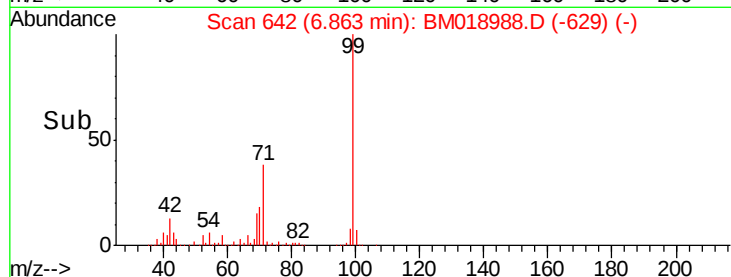
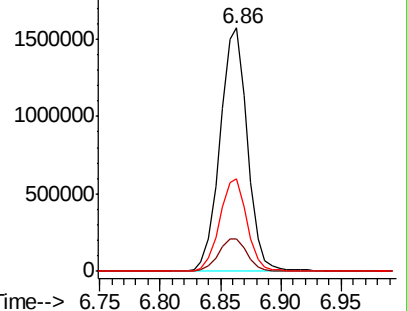
71 38.0 31.3 46.9



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: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

Tgt Ion: 136 Resp: 1147228

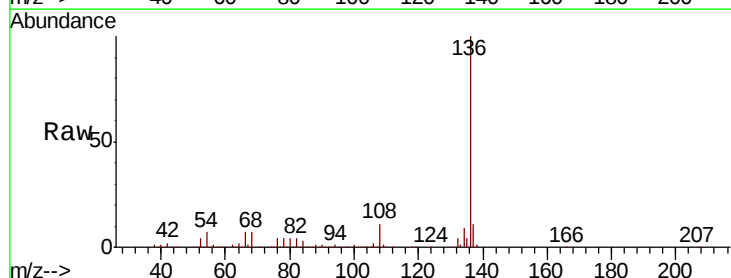
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.0 7.6

68 7.5 5.5 8.3

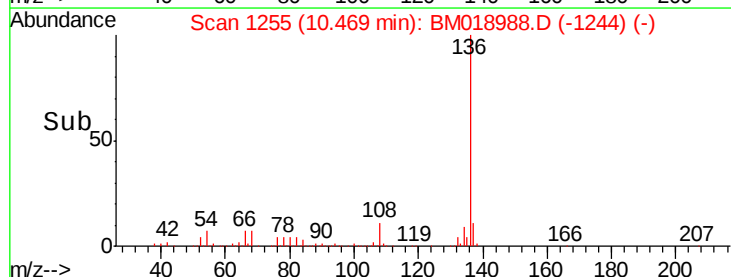
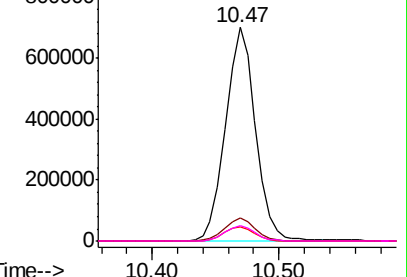


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

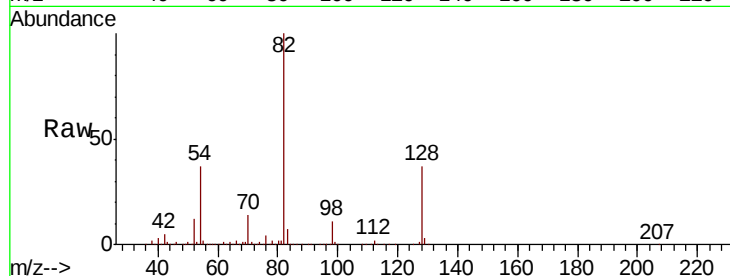




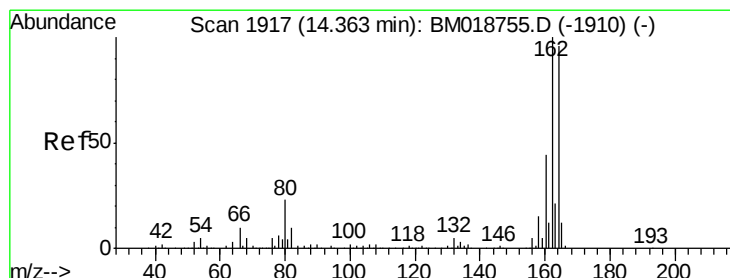
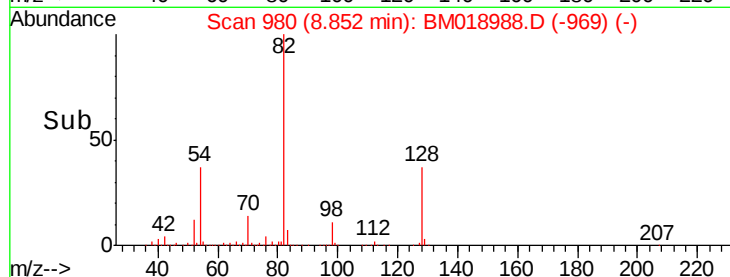
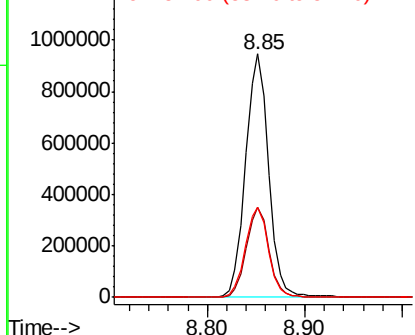
#23
Nitrobenzene-d5
Concen: 63.169 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Instrument :
BNA_M
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TRE-INTERIOR-WALL

Tgt Ion: 82 Resp: 1567277
Ion Ratio Lower Upper
82 100
128 37.1 29.9 44.9
54 36.9 29.1 43.7

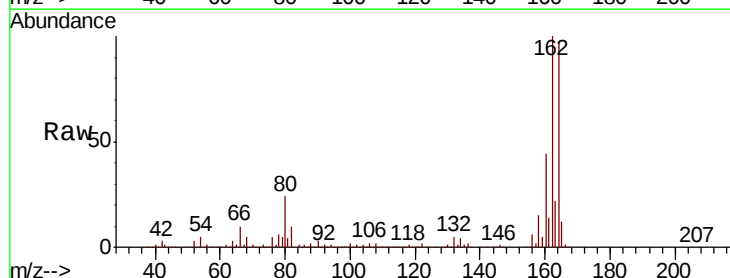


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

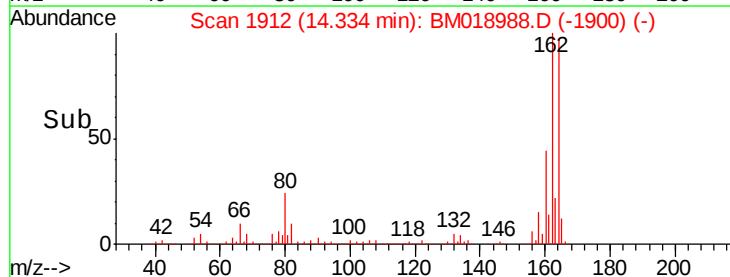
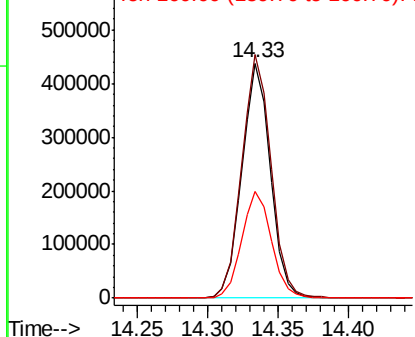


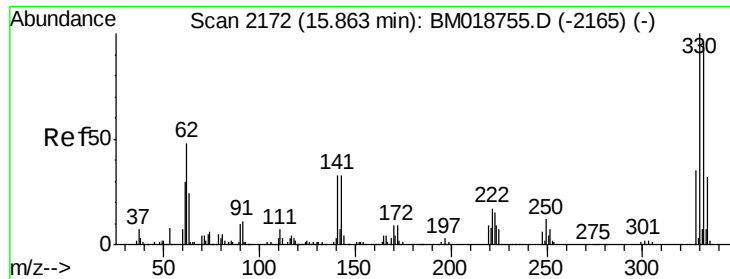
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Tgt Ion: 164 Resp: 620151
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 45.1 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) (-)

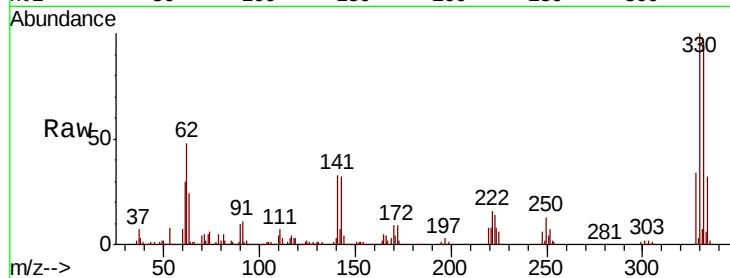




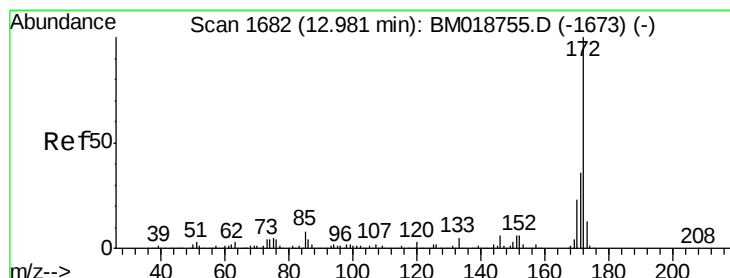
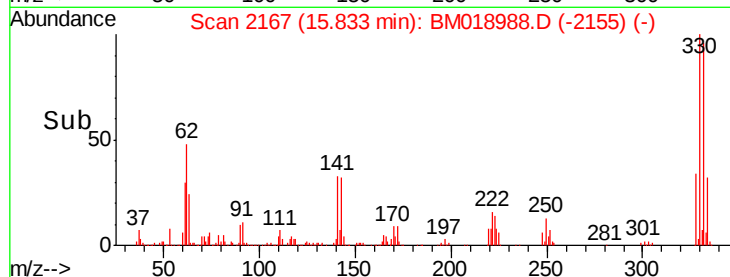
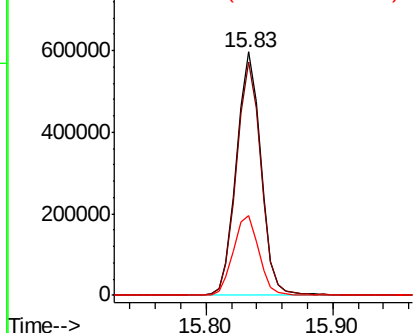
#42
 2,4,6-Tribromophenol
 Concen: 89.147 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM018988.D
 Acq: 01 Mar 2019 15:56

Instrument :
 BNA_M
 ClientSampleId :
 TRE-INTERIOR-WALL

Tgt Ion:330 Resp: 796909
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 34.3 28.7 43.1

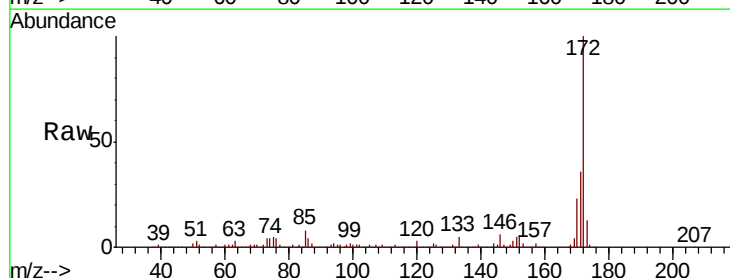


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

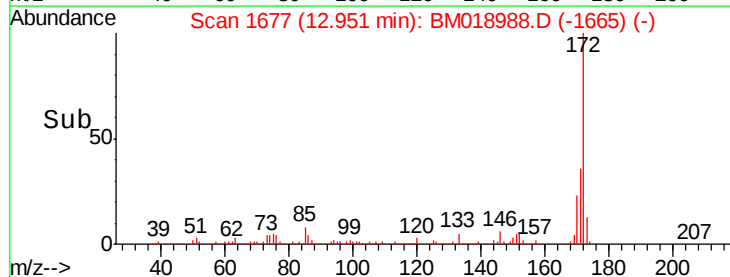
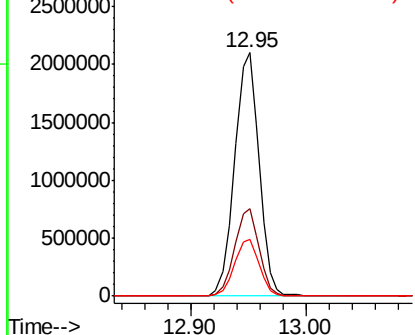


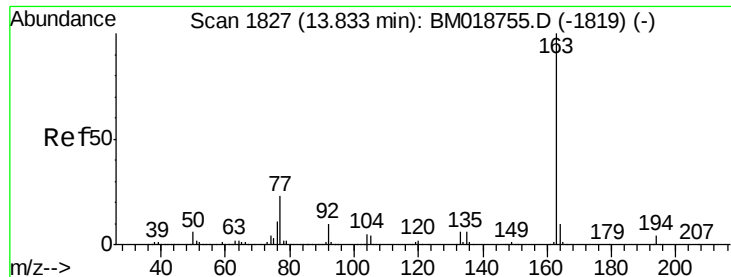
#45
 2-Fluorobiphenyl
 Concen: 66.090 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018988.D
 Acq: 01 Mar 2019 15:56

Tgt Ion:172 Resp: 3087504
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#50

Dimethylphthalate

Concen: 3.448 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

Instrument :

BNA_M

ClientSampleId :

TRE-INTERIOR-WALL

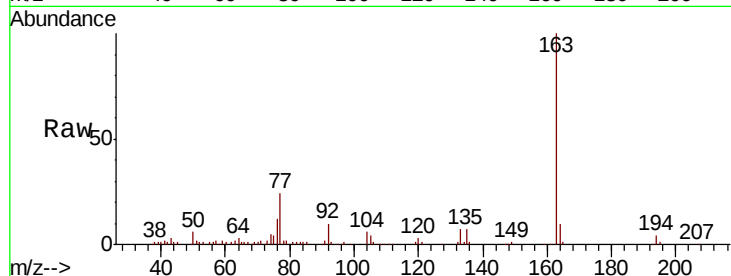
Tgt Ion:163 Resp: 178193

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

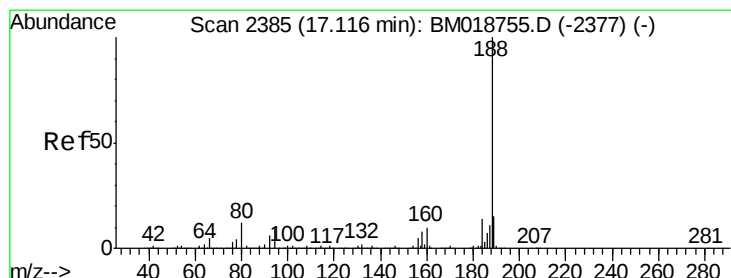
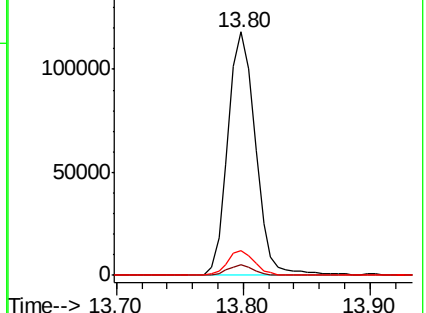
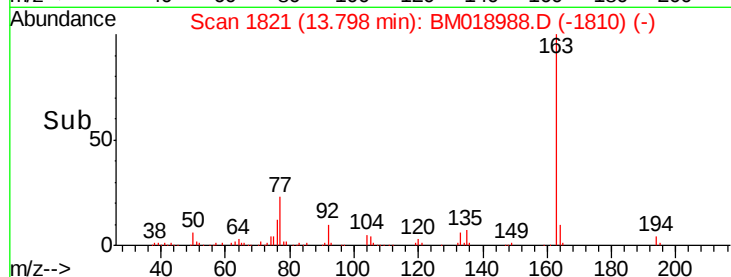
164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

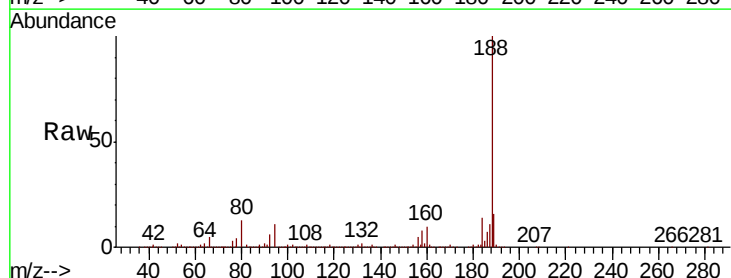
Tgt Ion:188 Resp: 1259419

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

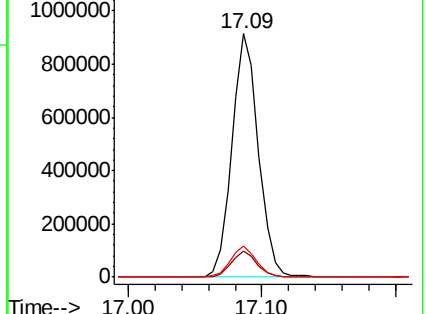
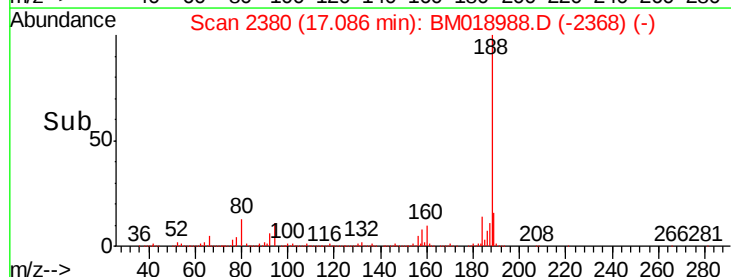
80 12.8 9.7 14.5

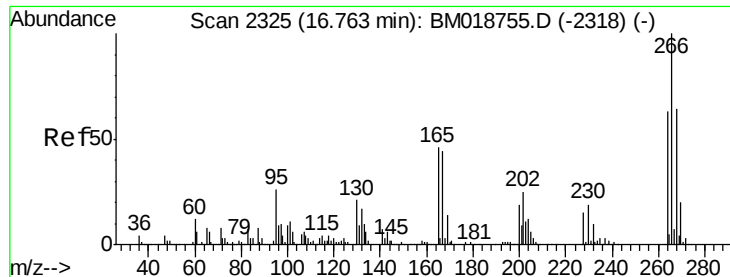


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#70

Pentachlorophenol

Concen: 34.215 ng

RT: 16.73 min Scan# 2320

Delta R.T. -0.03 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

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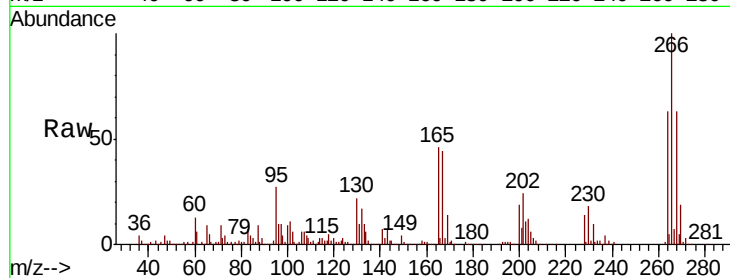
Tgt Ion:266 Resp: 360982

Ion Ratio Lower Upper

266 100

268 63.2 51.3 76.9

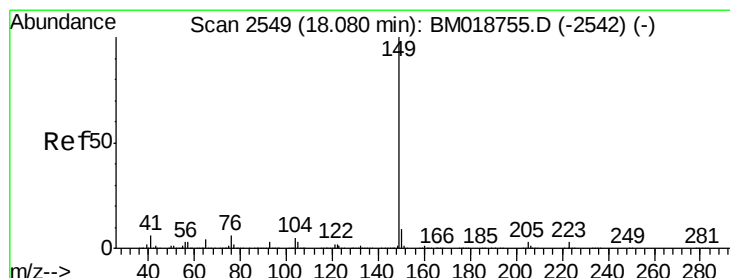
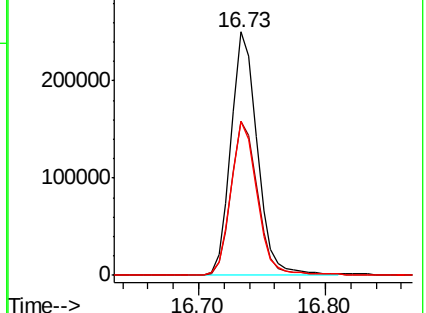
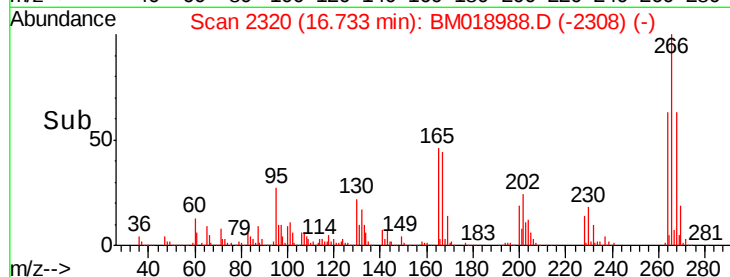
264 63.3 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#74

Di-n-butylphthalate

Concen: 217.020 ng

RT: 18.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BM018988.D

Acq: 01 Mar 2019 15:56

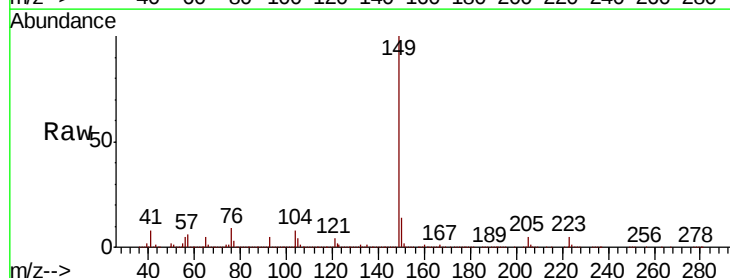
Tgt Ion:149 Resp:17178320

Ion Ratio Lower Upper

149 100

150 14.2 7.4 11.0#

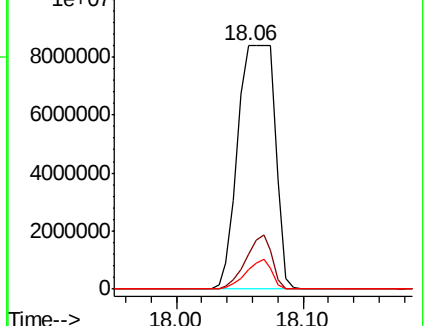
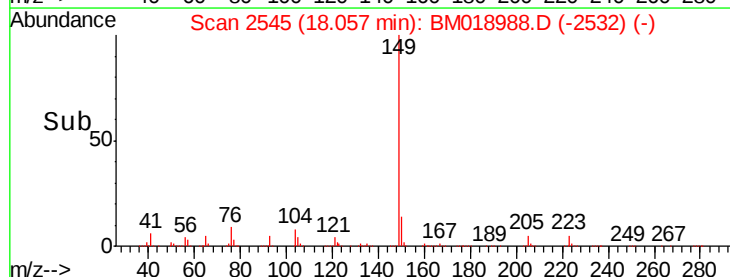
104 7.8 4.3 6.5#

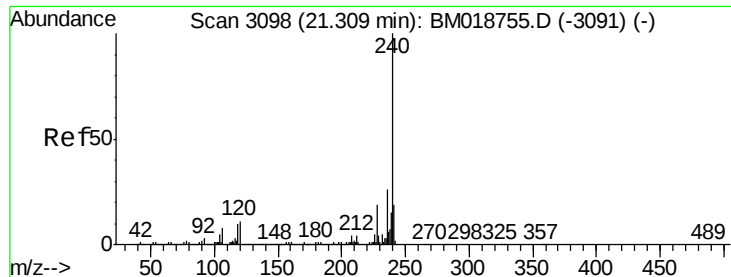


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

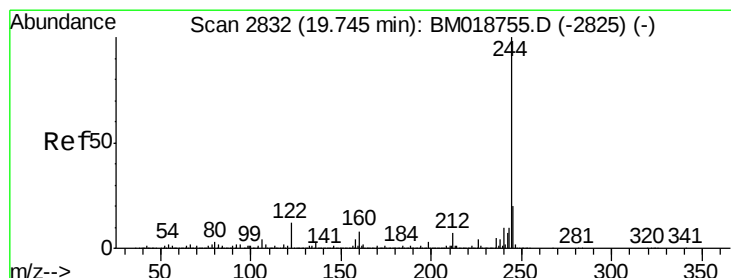
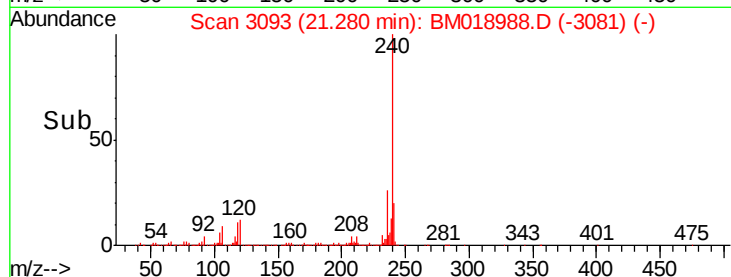
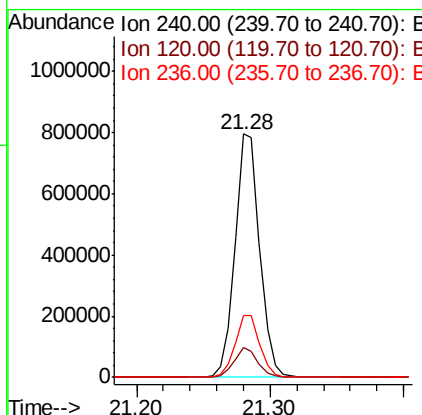
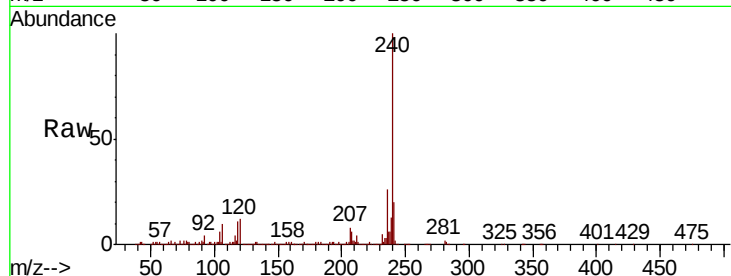




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

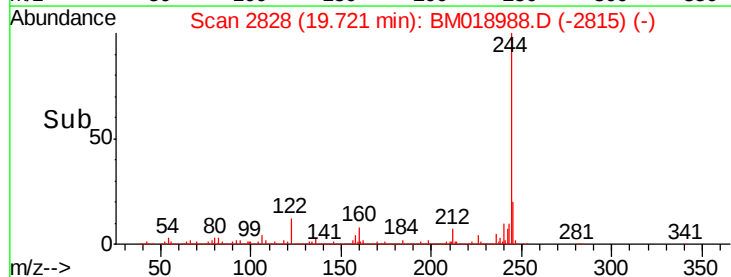
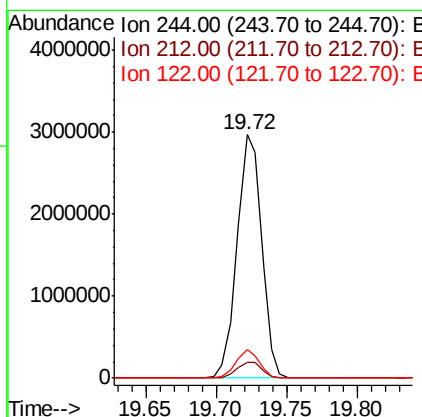
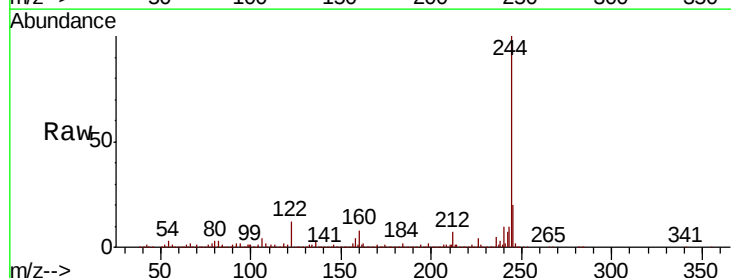
Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-WALL

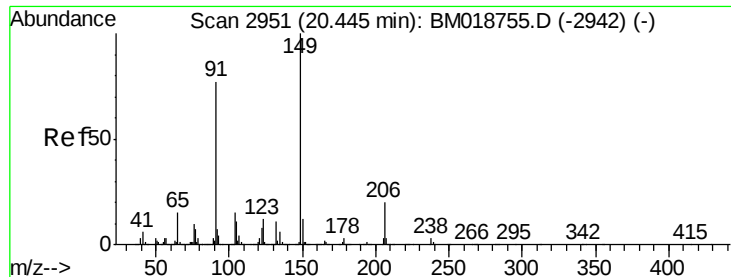
Tgt Ion:240 Resp: 1020963
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 72.932 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.02 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Tgt Ion:244 Resp: 3609550
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.6 9.3 13.9

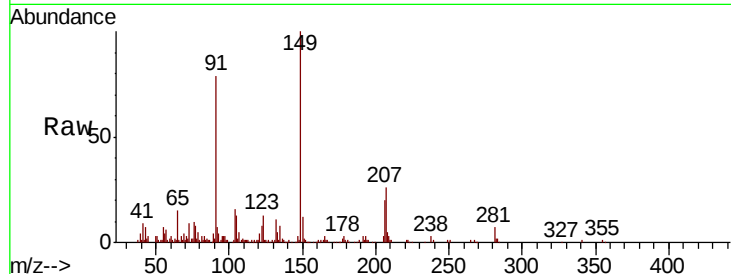




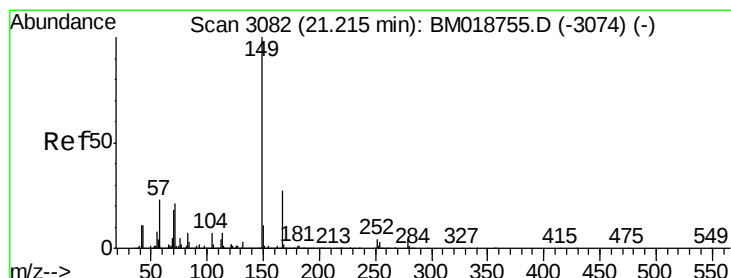
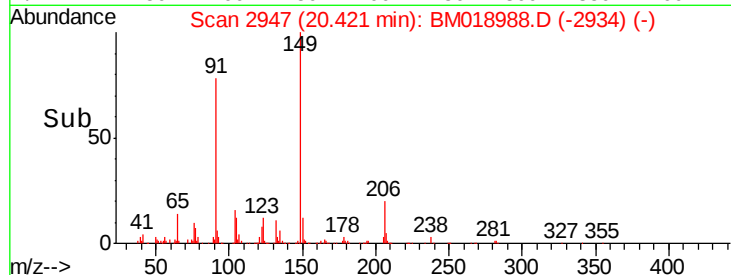
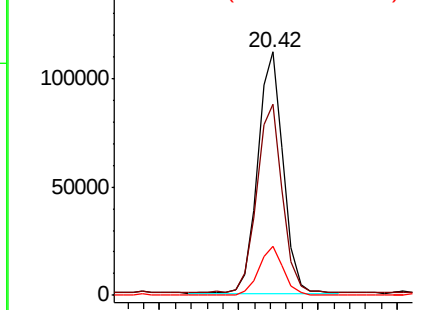
#80
Butylbenzylphthalate
Concen: 4.599 ng
RT: 20.42 min Scan# 2947
Delta R.T. -0.02 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-WALL

Tgt Ion:149 Resp: 124274
Ion Ratio Lower Upper
149 100
91 78.6 61.4 92.0
206 20.0 15.8 23.8

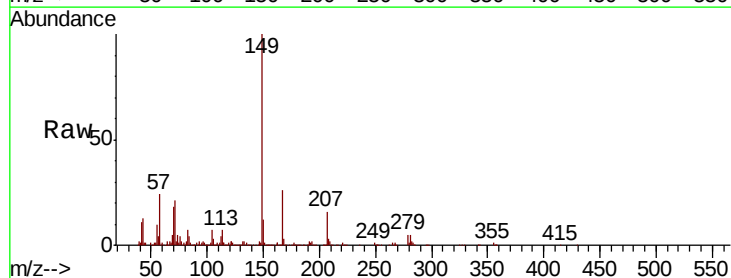


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

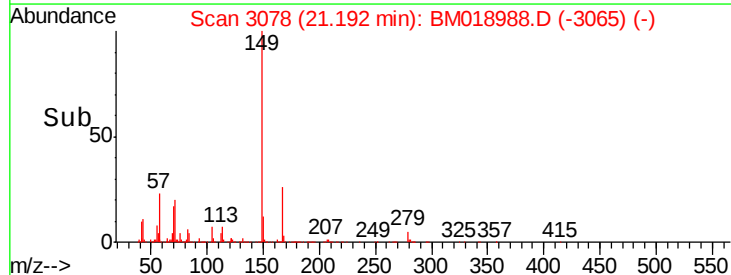
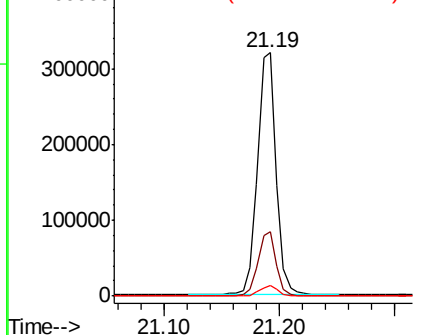


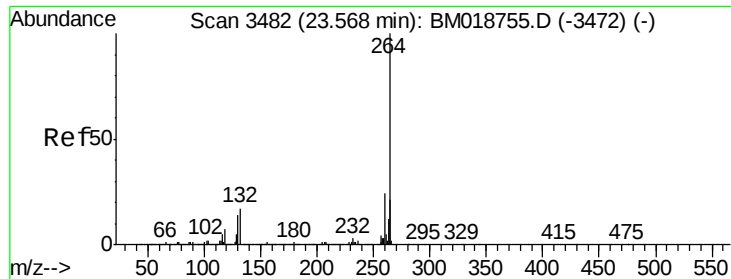
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.178 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Tgt Ion:149 Resp: 363004
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018988.D
Acq: 01 Mar 2019 15:56

Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-WALL

Tgt Ion: 264 Resp: 1010835

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.3	25.9

