

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016229.D
 Acq On : 07 Aug 2018 22:42
 Operator : SJ/JU
 Sample : J4338-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 01:39:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

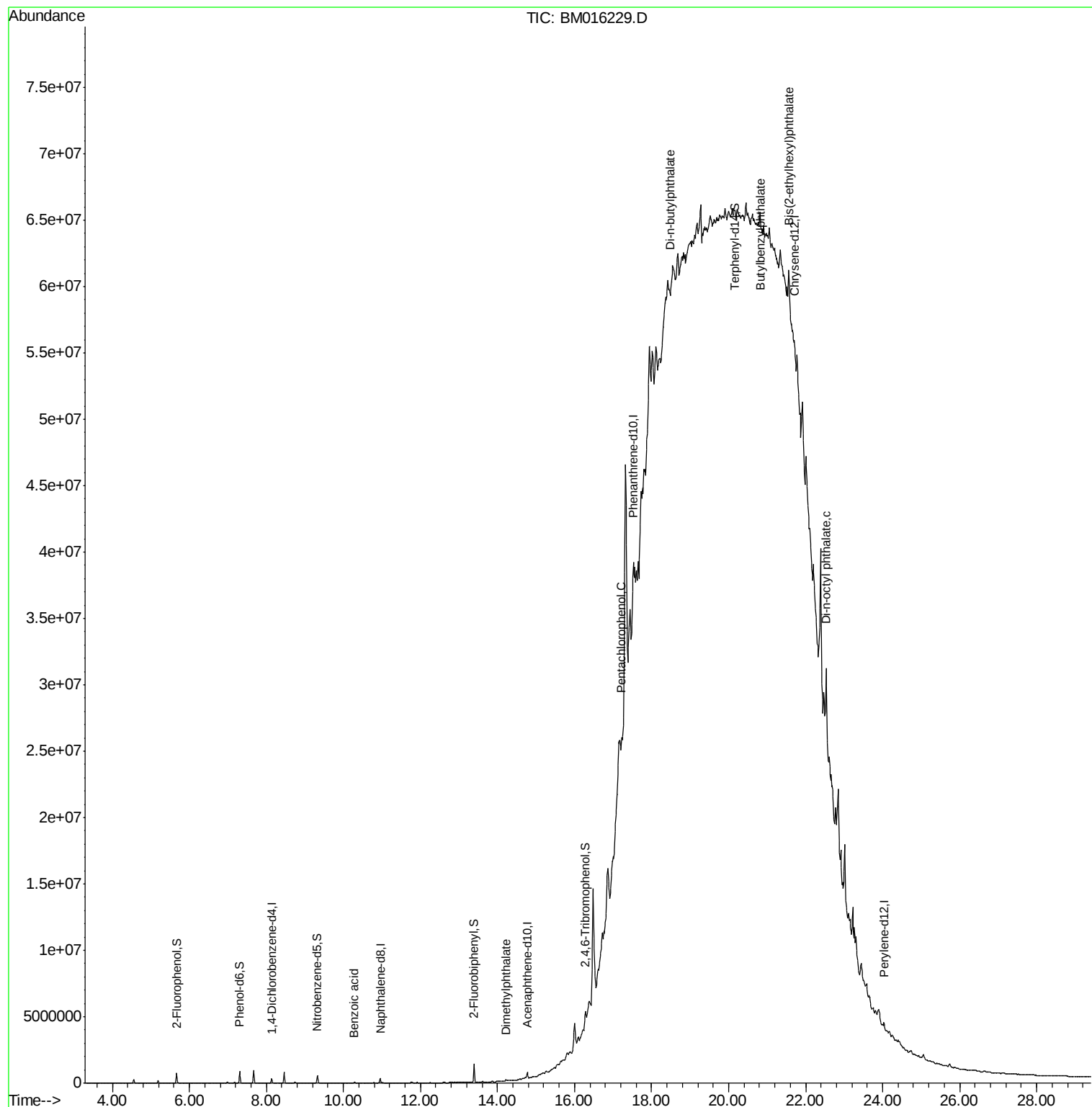
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65812	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	255307	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	123422	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	832350	20.00	ng	0.02
75) Chrysene-d12	21.72	240	1061437	20.00	ng	0.07
86) Perylene-d12	24.03	264	330156	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	270696	68.32	ng	0.00
7) Phenol-d6	7.30	99	361523	69.87	ng	0.00
23) Nitrobenzene-d5	9.32	82	267707	48.77	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	138274	88.33	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	548869	54.11	ng	0.00
78) Terphenyl-d14	20.17	244	1599378	31.54	ng	0.08
Target Compounds						
32) Benzoic acid	10.26	122	6279	2.563	ng	Qvalue # 49
49) Dimethylphthalate	14.23	163	36560	3.385	ng	# 96
69) Pentachlorophenol	17.22	266	49292	7.669	ng	# 28
73) Di-n-butylphthalate	18.49	149	259446	4.438	ng	# 8
79) Butylbenzylphthalate	20.84	149	70171	2.172	ng	# 71
83) Bis(2-ethylhexyl)phthalate	21.56	149	215312	4.598	ng	# 70
84) Di-n-octyl phthalate	22.54	149	238967	3.036	ng	# 1

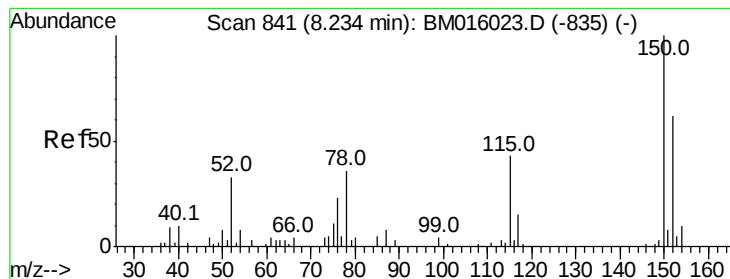
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016229.D
Acq On : 07 Aug 2018 22:42
Operator : SJ/JU
Sample : J4338-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 08 01:39:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration



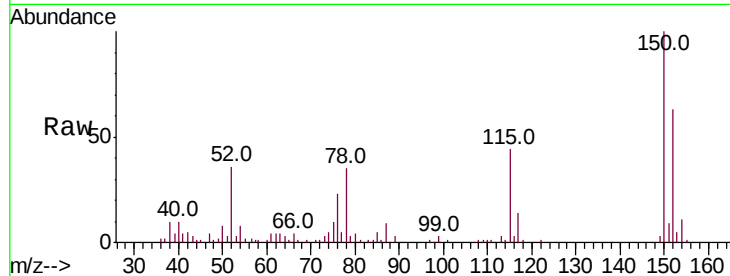


#1

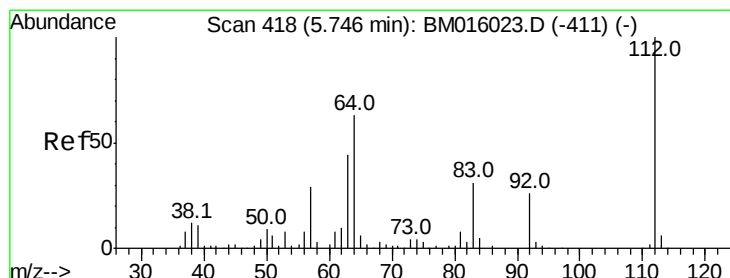
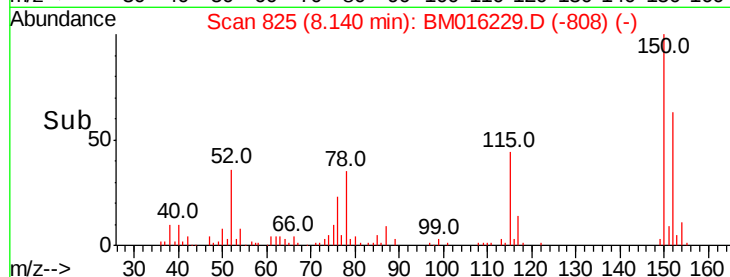
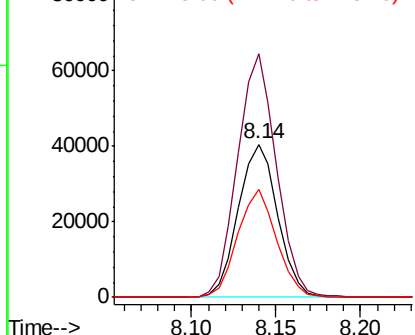
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 65812
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 70.3 43.0 64.4#



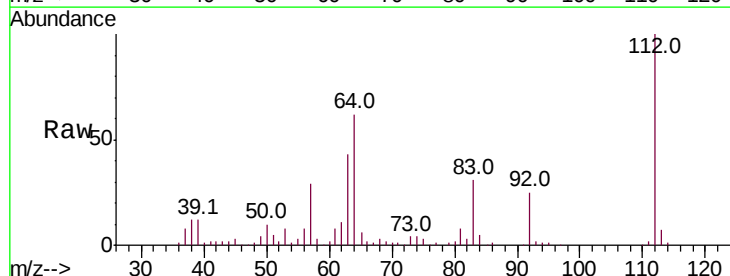
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



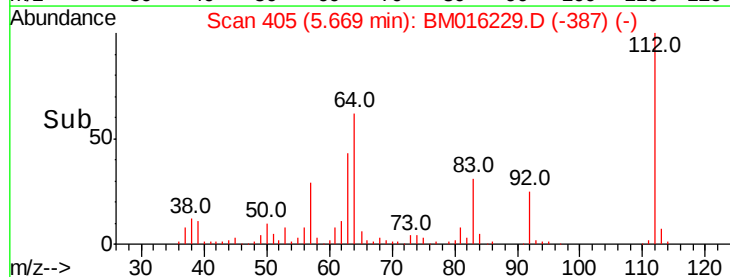
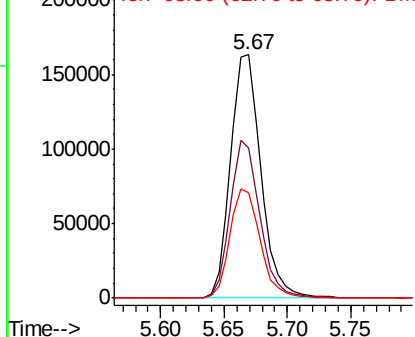
#5

2-Fluorophenol
Concen: Below ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Tgt Ion:112 Resp: 270696
Ion Ratio Lower Upper
112 100
64 61.7 38.6 57.8#
63 43.5 19.3 28.9#



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: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

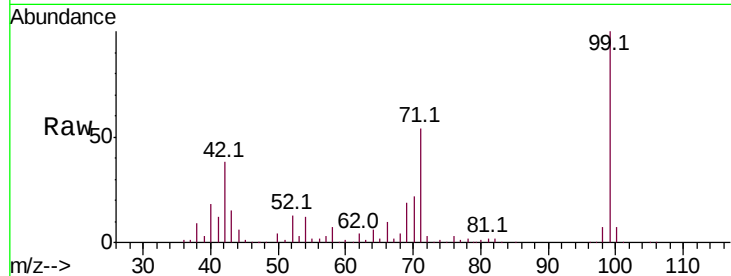
Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :
BNA_M
ClientSampled :

Tot Ion: 99 Resp: 361523

Ion	Ratio	Lower	Upper
99	100		
42	38.3	11.0	16.4#
71	54.1	23.4	35.2#

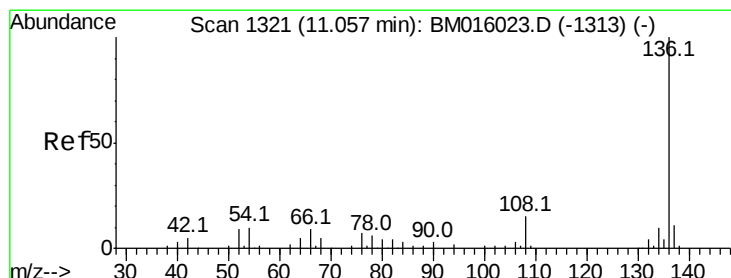
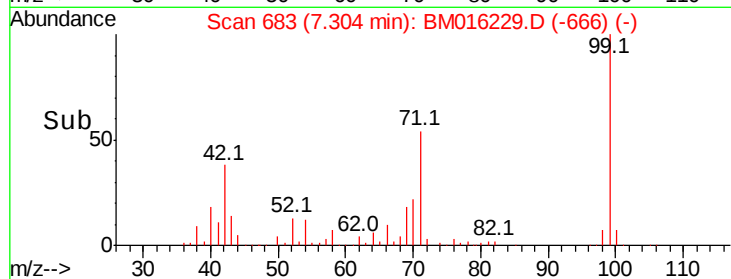
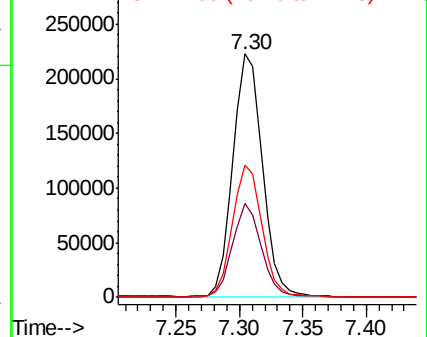


Abundance

Ion 99.00 (98.70 to 99.70): BM016229.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016229.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016229.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1304

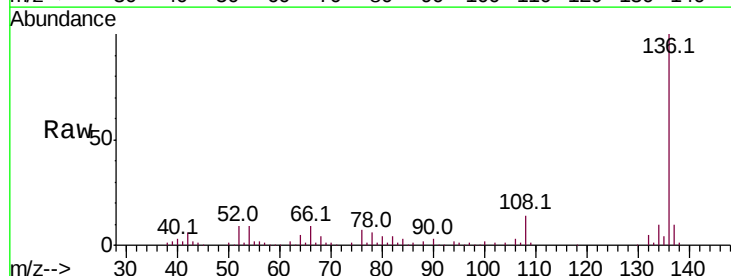
Delta R.T. 0.00 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Tgt Ion: 136 Resp: 255307

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	9.4	4.6	6.8#
68	4.1	3.7	5.5



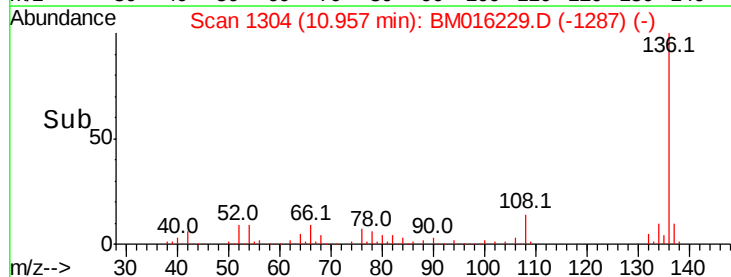
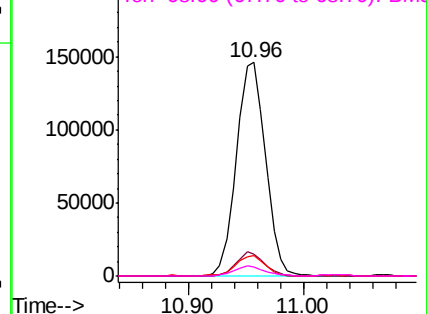
Abundance

Ion 136.00 (135.70 to 136.70): BM016229.D (-1287) (-)

Ion 137.00 (136.70 to 137.70): BM016229.D (-1287) (-)

Ion 54.00 (53.70 to 54.70): BM016229.D (-1287) (-)

Ion 68.00 (67.70 to 68.70): BM016229.D (-1287) (-)

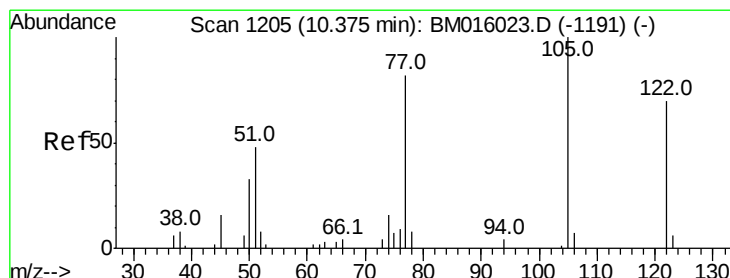
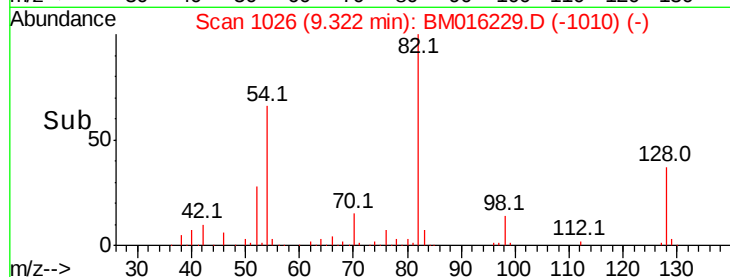
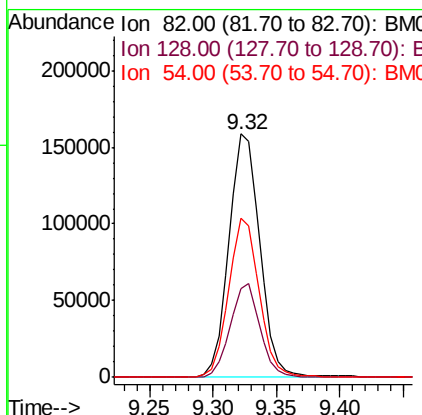
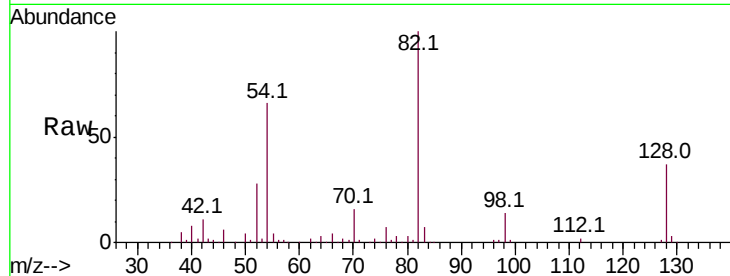




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

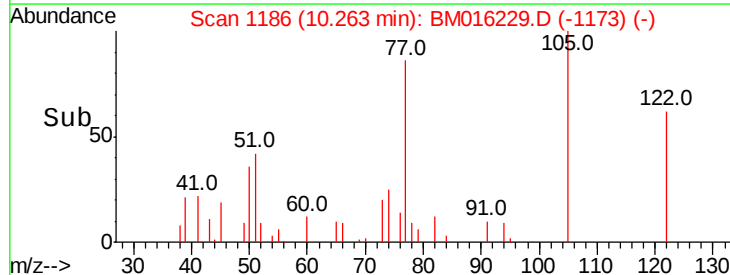
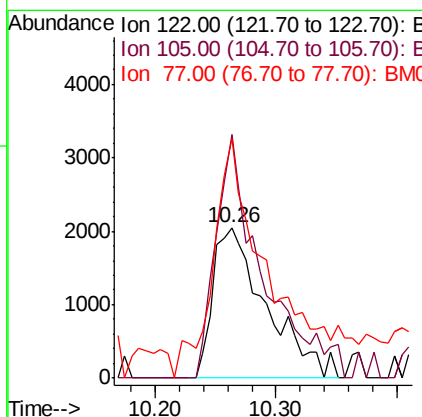
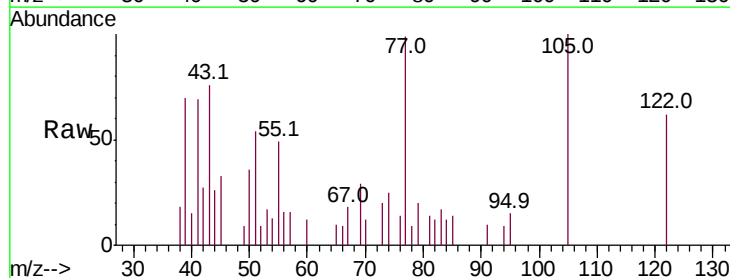
Instrument :
 BNA_M
 ClientSampleId :

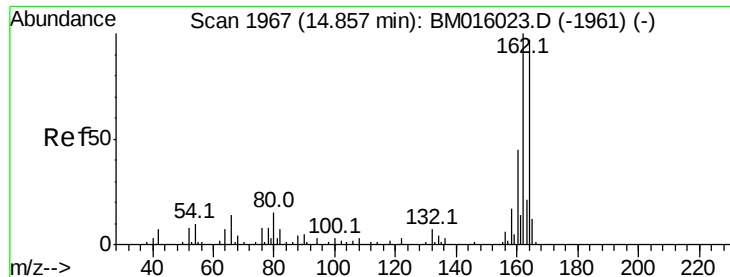
Tot Ion	82	Resp	267707
Ion Ratio	Lower	Upper	
82	100		
128	36.5	32.8	49.2
54	65.5	40.6	60.8#



#32
 Benzoic acid
 Concen: 2.563 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Tgt Ion	122	Resp	6279
Ion Ratio	Lower	Upper	
122	100		
105	162.1	99.9	139.9#
77	159.9	73.7	113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampleId :

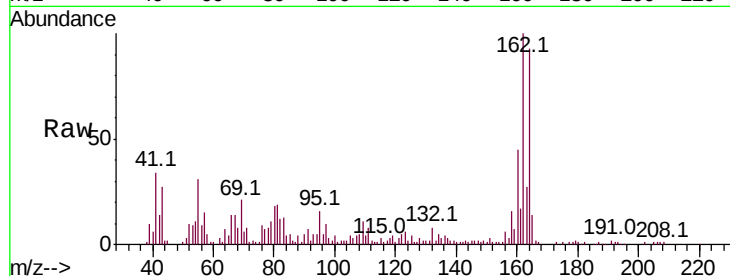
Tot Ion:164 Resp: 123422

Ion Ratio Lower Upper

164 100

162 107.2 82.4 123.6

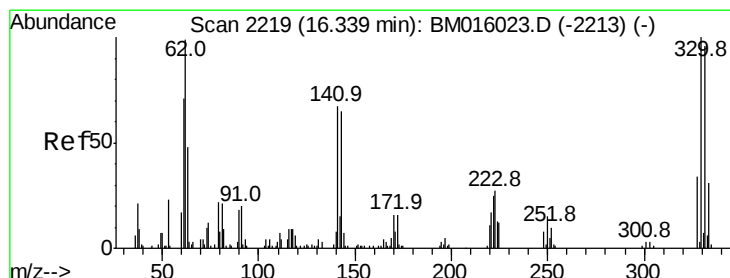
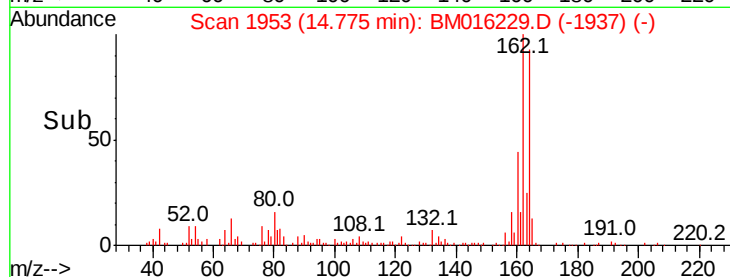
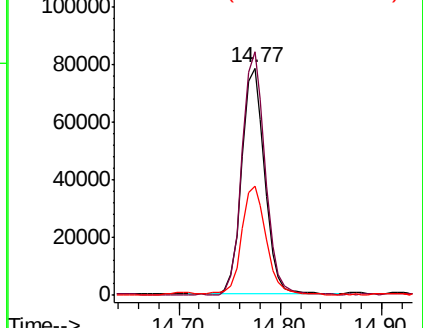
160 48.1 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.27 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

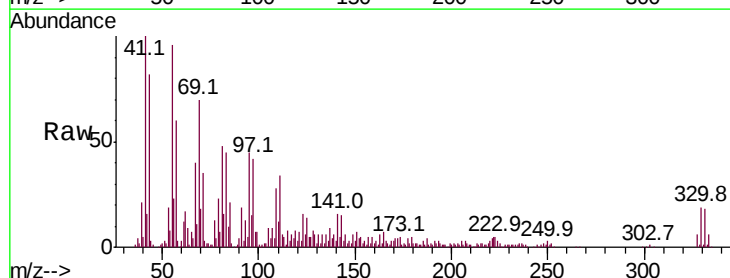
Tgt Ion:330 Resp: 138274

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

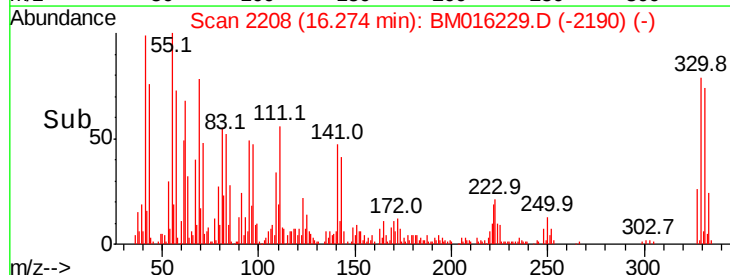
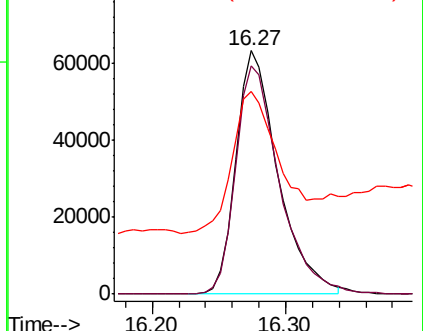
141 67.1 0.0 0.0#



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



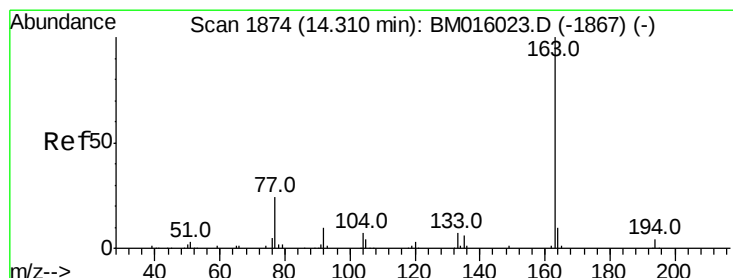
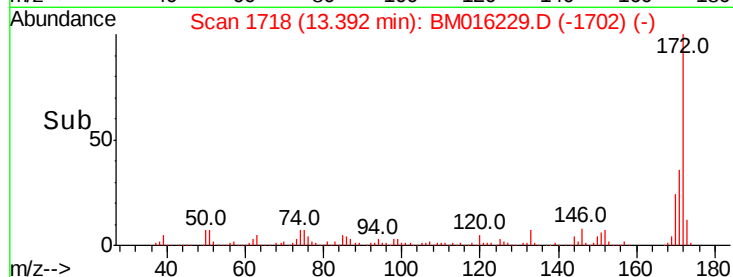
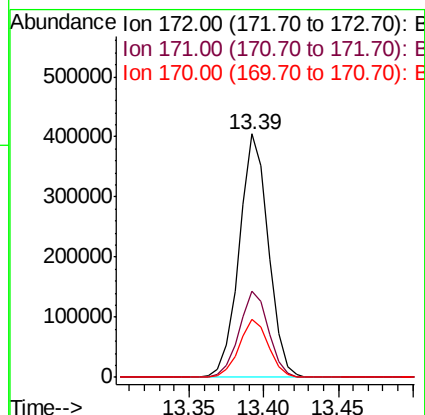
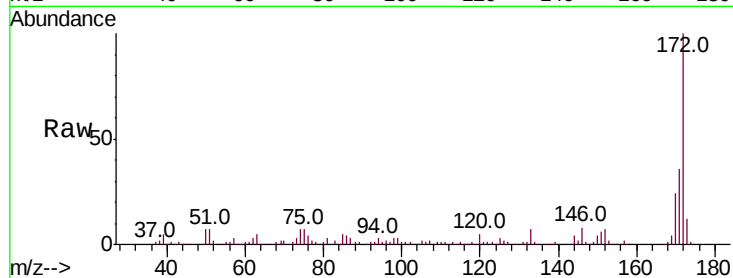


#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:172 Resp: 548869

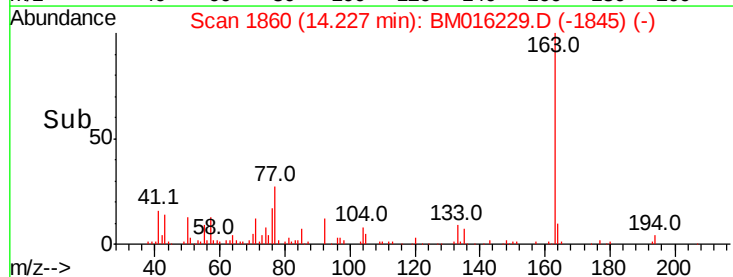
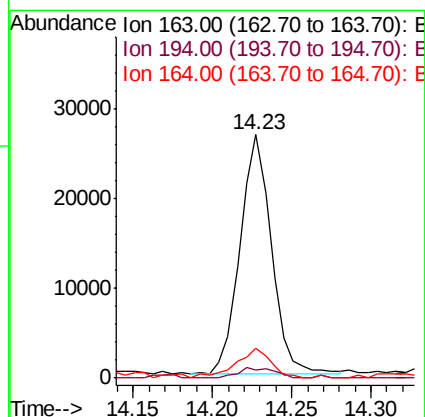
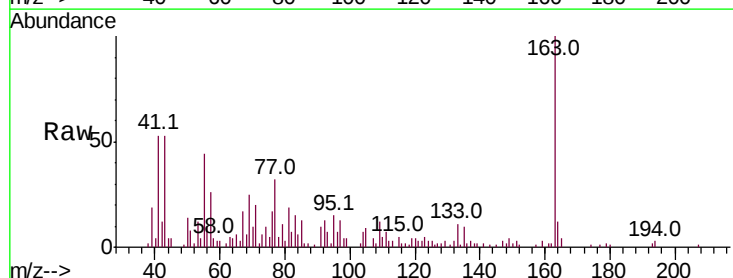
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.0	18.8	28.2

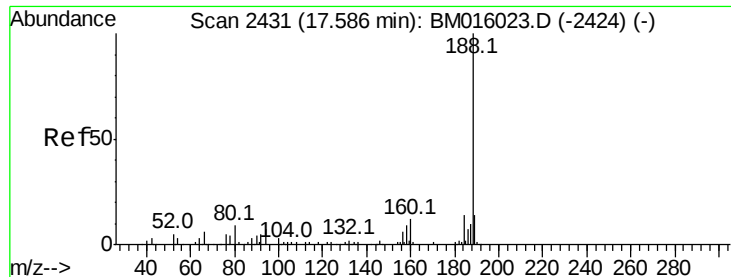


#49
 Dimethylphthalate
 Concen: 3.385 ng
 RT: 14.23 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Tgt Ion:163 Resp: 36560

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	12.1	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. 0.02 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampled :

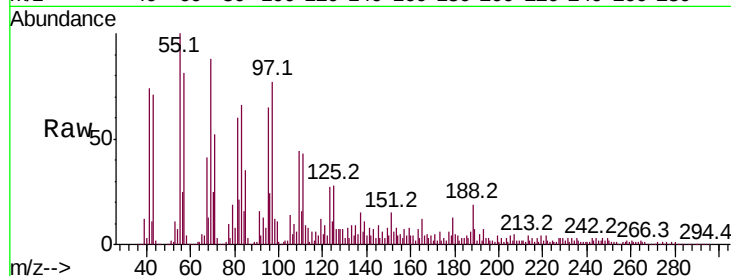
Tot Ion:188 Resp: 832350

Ion Ratio Lower Upper

188 100

94 44.5 8.7 13.1#

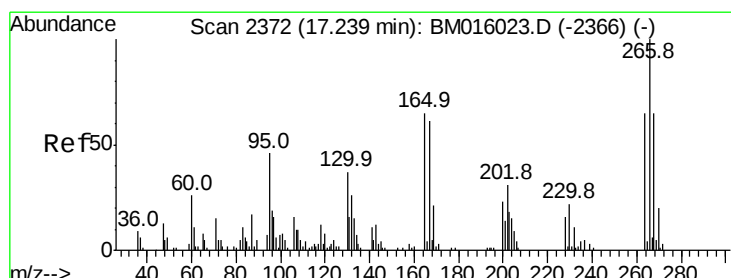
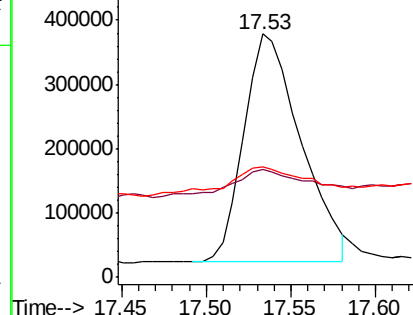
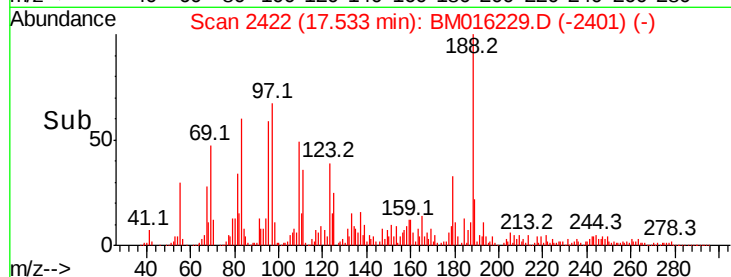
80 45.2 9.3 13.9#



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



#69

Pentachlorophenol

Concen: 7.669 ng

RT: 17.22 min Scan# 2368

Delta R.T. 0.05 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

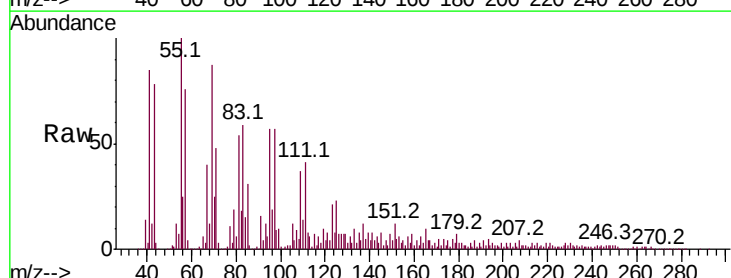
Tgt Ion:266 Resp: 49292

Ion Ratio Lower Upper

266 100

268 3.8 52.0 78.0#

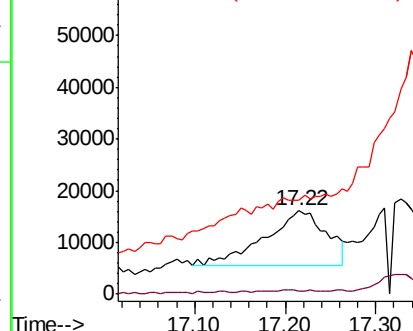
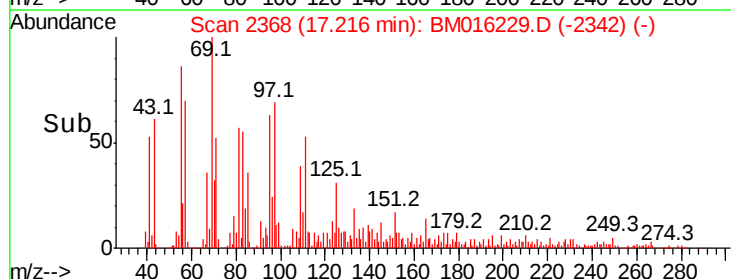
264 112.0 49.0 73.4#

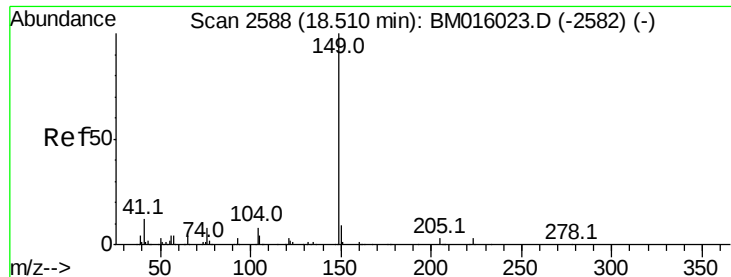


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

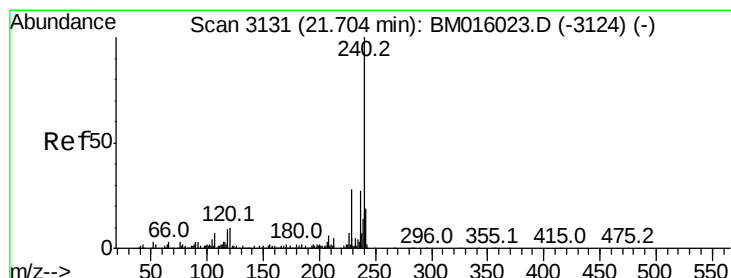
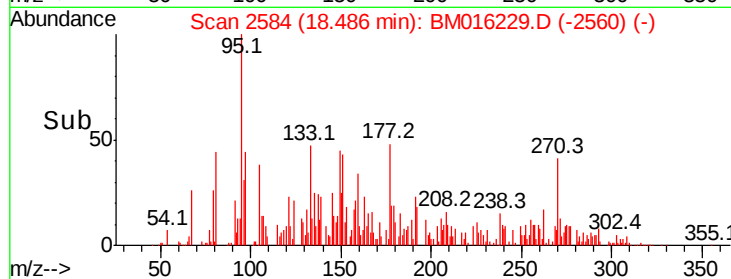
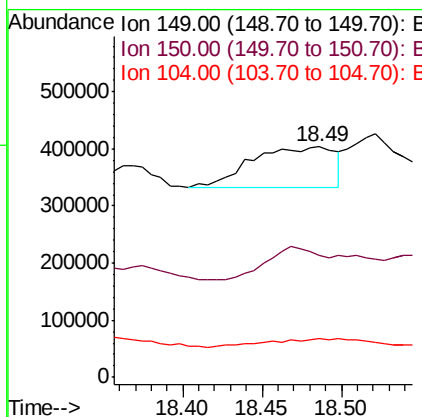
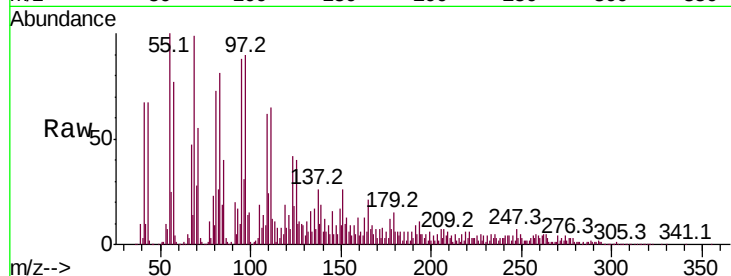




#73
Di-n-butylphthalate
Concen: 4.438 ng
RT: 18.49 min Scan# 2584
Delta R.T. 0.04 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

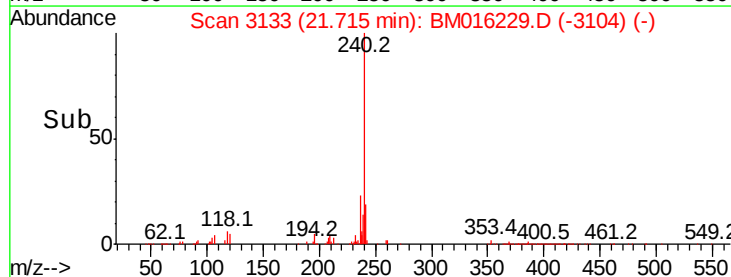
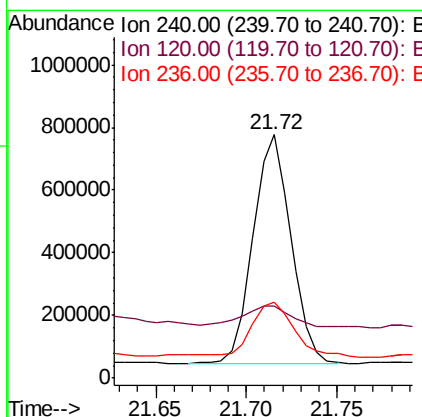
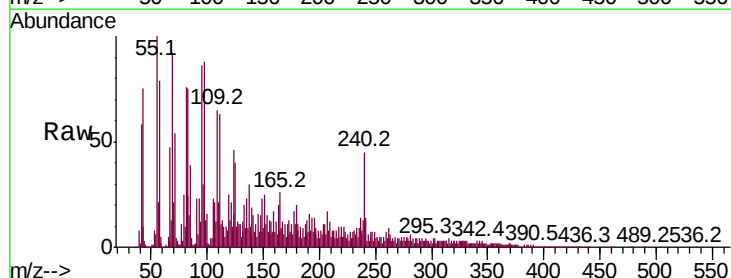
Instrument :
BNA_M
ClientSampleId :

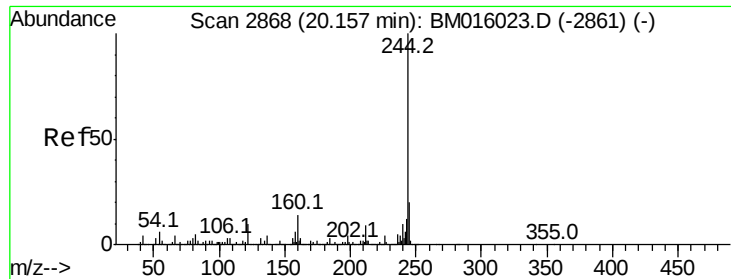
Tot Ion:149 Resp: 259446
Ion Ratio Lower Upper
149 100
150 52.9 7.5 11.3#
104 16.7 3.7 5.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3133
Delta R.T. 0.07 min
Lab File: BM016229.D
Acq: 07 Aug 2018 22:42

Tgt Ion:240 Resp: 1061437
Ion Ratio Lower Upper
240 100
120 29.5 8.2 12.2#
236 31.4 20.0 30.0#





#78

Terphenyl-d14

Concen: Below na

RT: 20.17 min Scan# 2870

Delta R.T. 0.08 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

Instrument :

BNA_M

ClientSampled :

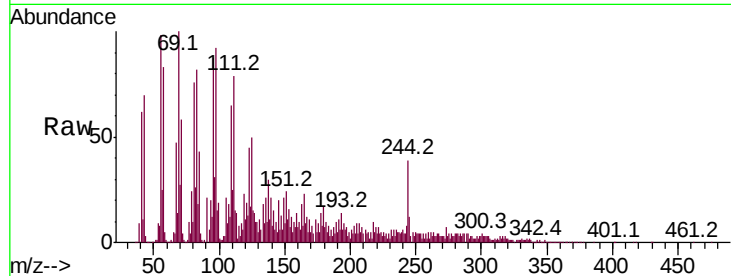
Tot Ion:244 Resp: 1599378

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

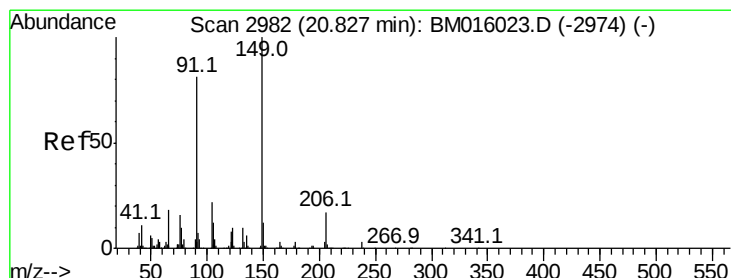
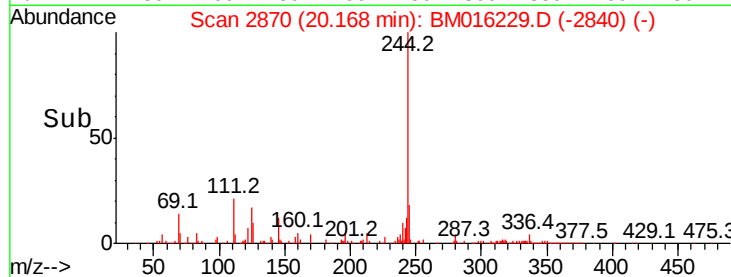
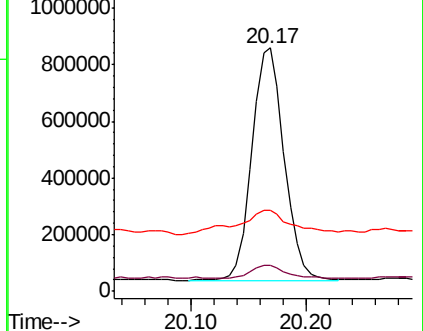
122 33.1 6.2 9.4#



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



#79

Butylbenzylphthalate

Concen: 2.172 ng

RT: 20.84 min Scan# 2985

Delta R.T. 0.08 min

Lab File: BM016229.D

Acq: 07 Aug 2018 22:42

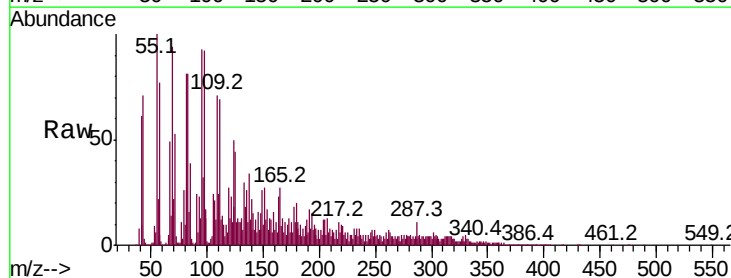
Tgt Ion:149 Resp: 70171

Ion Ratio Lower Upper

149 100

91 91.8 50.1 75.1#

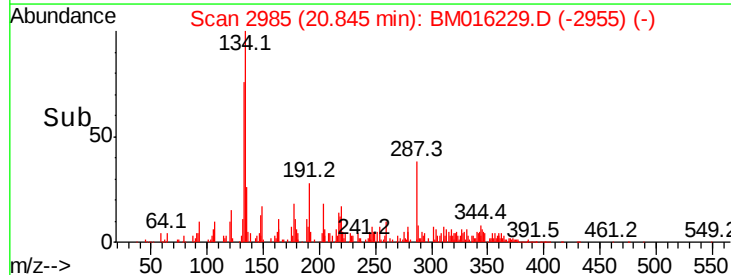
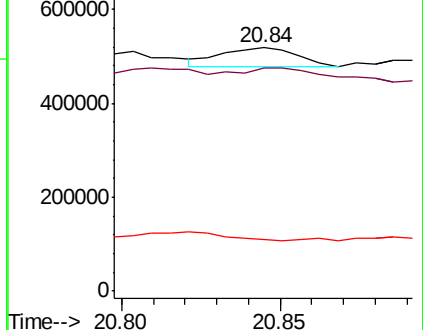
206 21.2 16.2 24.2

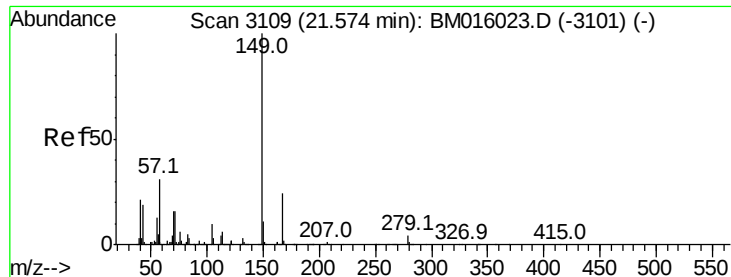


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

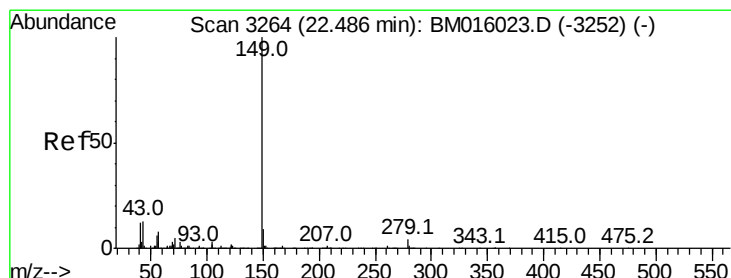
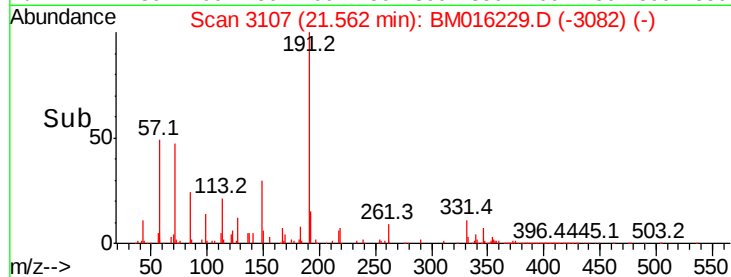
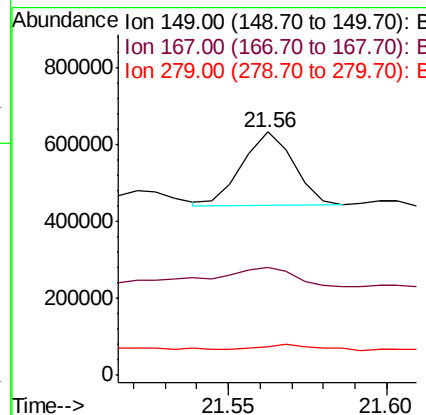
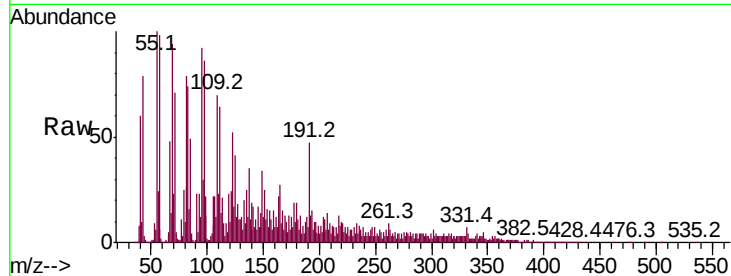




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.598 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. 0.05 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

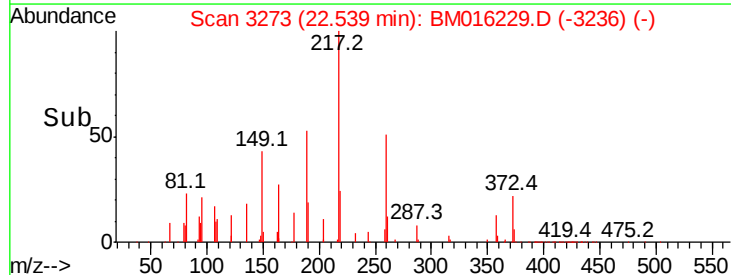
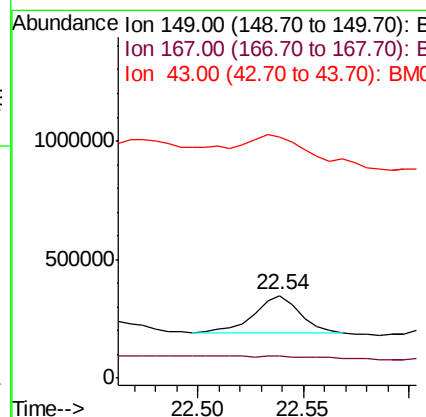
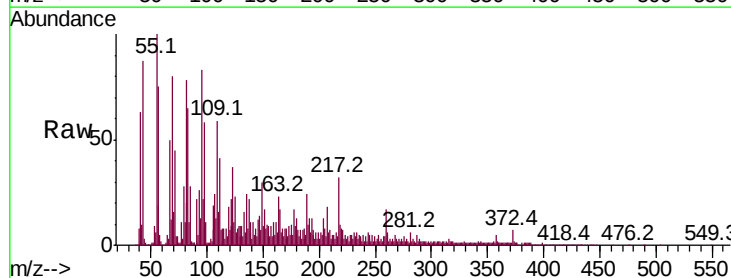
Instrument :
 BNA_M
 ClientSampleId :

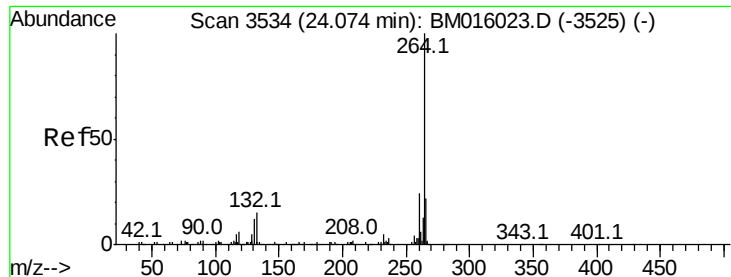
Tot Ion:149 Resp: 215312
 Ion Ratio Lower Upper
 149 100
 167 44.5 22.4 33.6#
 279 12.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 3.036 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. 0.12 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Tgt Ion:149 Resp: 238967
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 79.7 7.3 10.9#

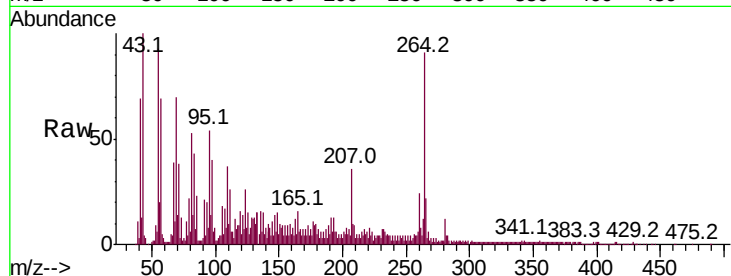




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.03 min Scan# 3527
 Delta R.T. 0.05 min
 Lab File: BM016229.D
 Acq: 07 Aug 2018 22:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	24.4	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

