

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016228.D
 Acq On : 07 Aug 2018 22:06
 Operator : SJ/JU
 Sample : J4338-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 01:39:43 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

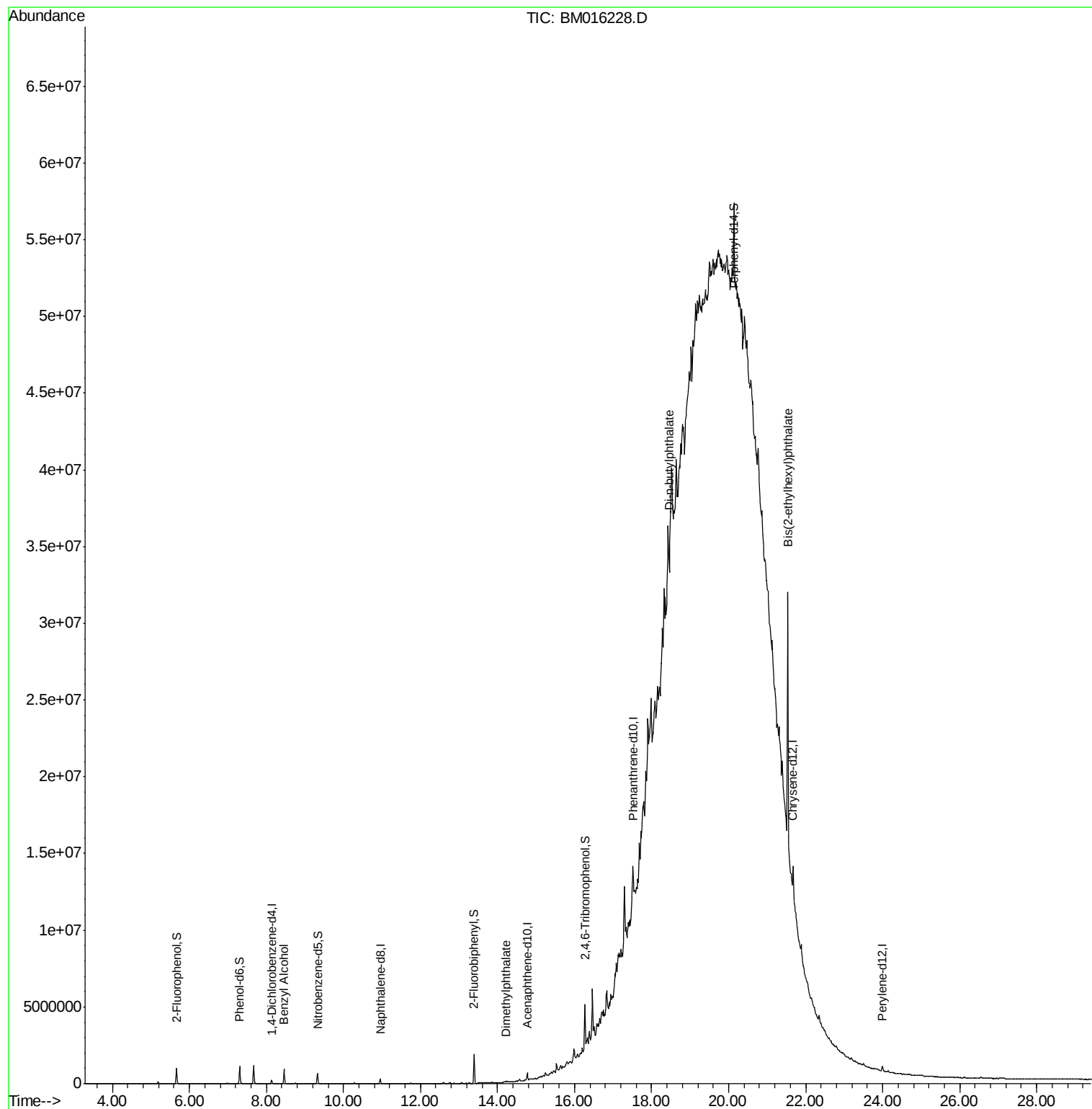
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53097	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	212933	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	125869	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	654171	20.00	ng	0.01
75) Chrysene-d12	21.67	240	580397	20.00	ng	0.03
86) Perylene-d12	23.99	264	208901	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	338805	105.99	ng	0.00
7) Phenol-d6	7.30	99	444428	106.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	320703	70.05	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	262160	164.22	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	738969	71.43	ng	0.00
78) Terphenyl-d14	20.14	244	4369526	157.59	ng	0.05
Target Compounds						
15) Benzyl Alcohol	8.46	79	7475	2.249	ng	# 30
49) Dimethylphthalate	14.23	163	42091	3.821	ng	# 99
73) Di-n-butylphthalate	18.46	149	109698	2.387	ng	# 30
83) Bis(2-ethylhexyl)phthalate	21.54	149	4454769	173.965	ng	# 97

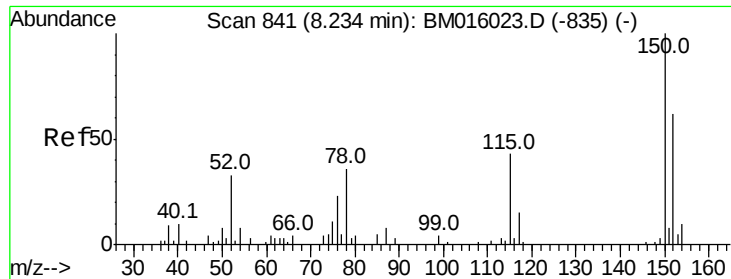
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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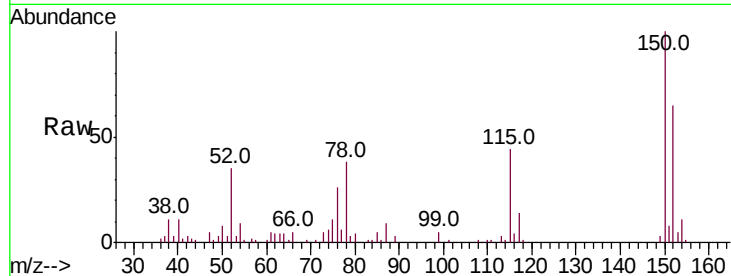


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	67.5	43.0	64.4#

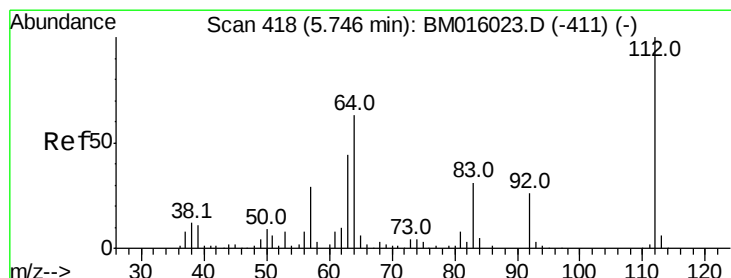
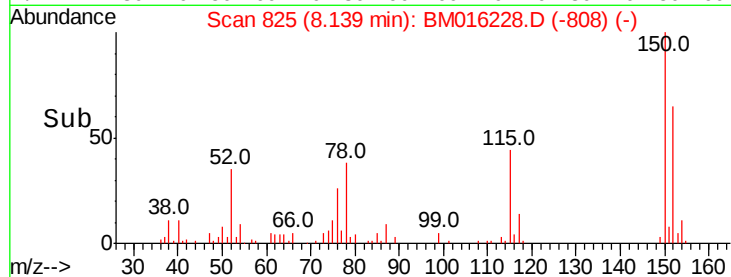
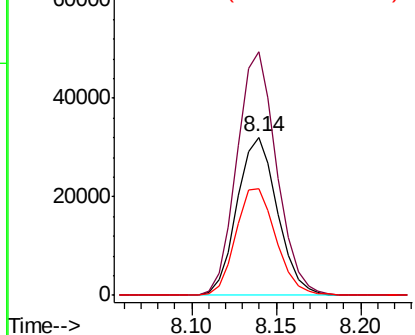


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

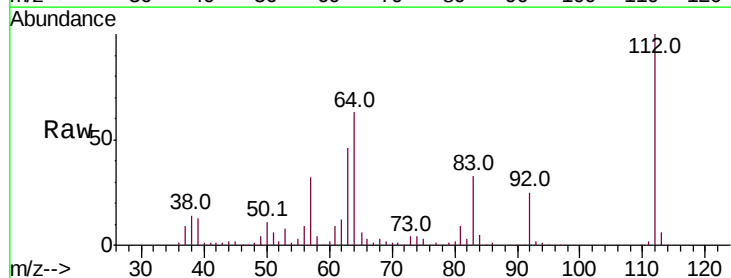
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	45.9	19.3	28.9#

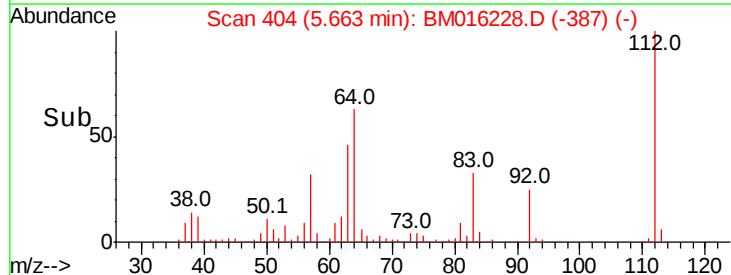
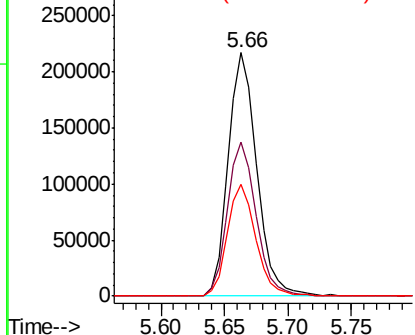


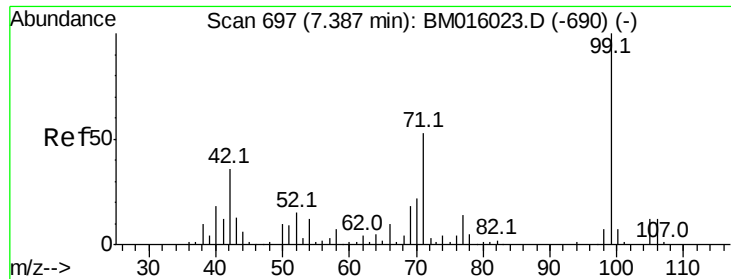
Abundance

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: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampled :

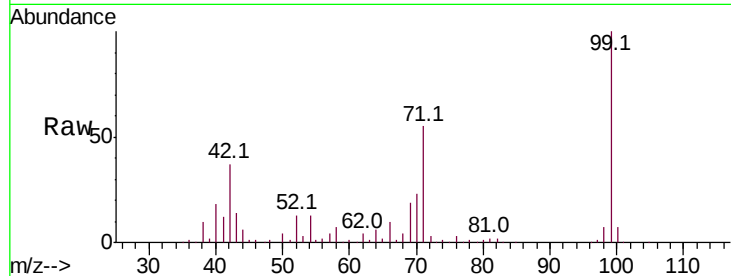
Tot Ion: 99 Resp: 444428

Ion Ratio Lower Upper

99 100

42 37.3 11.0 16.4#

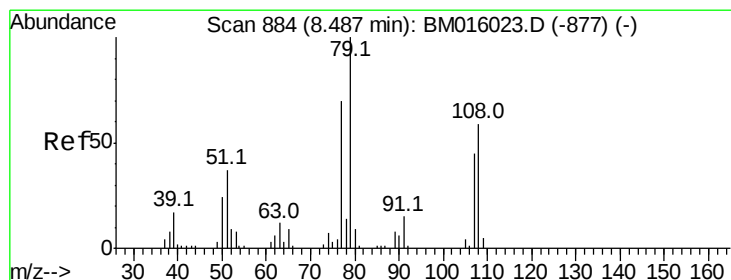
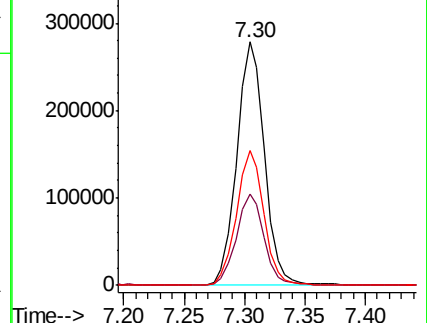
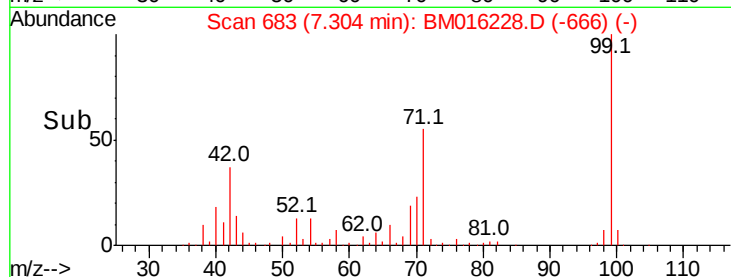
71 55.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#15

Benzyl Alcohol

Concen: 2.249 ng

RT: 8.46 min Scan# 879

Delta R.T. 0.06 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

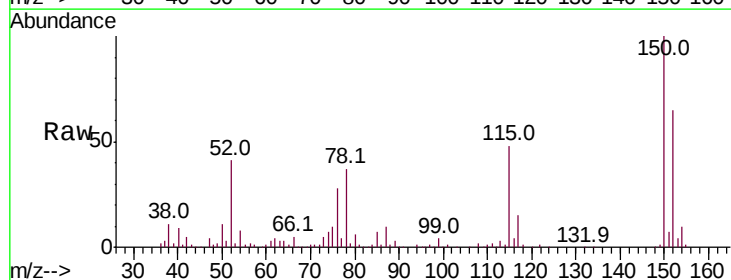
Tgt Ion: 79 Resp: 7475

Ion Ratio Lower Upper

79 100

108 70.2 65.0 97.4

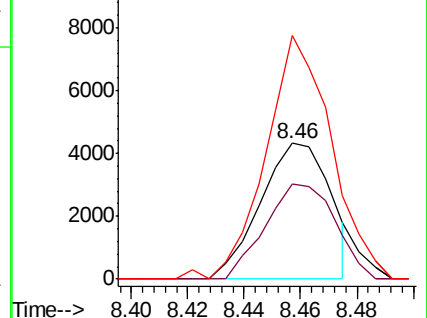
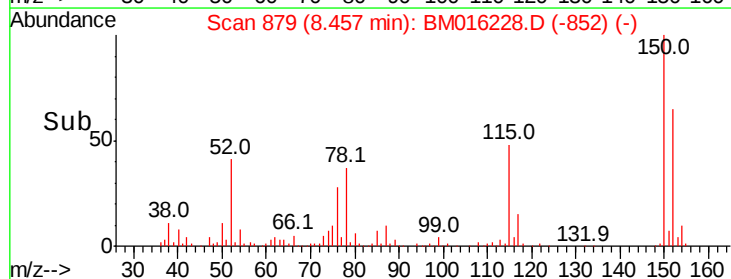
77 179.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

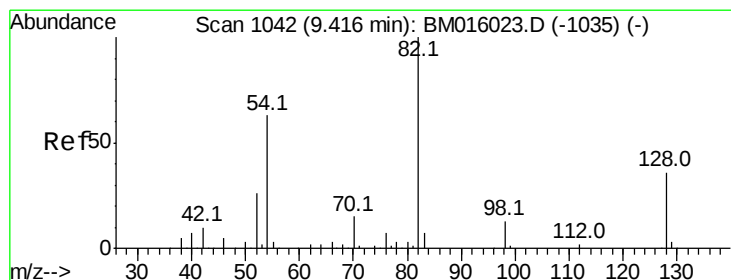
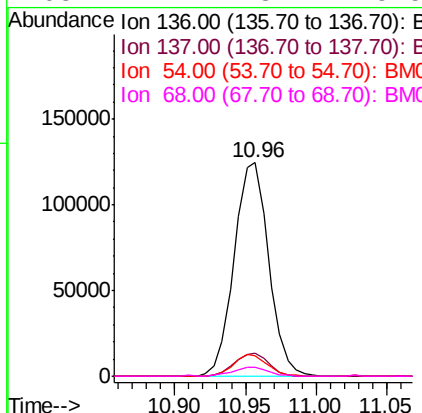
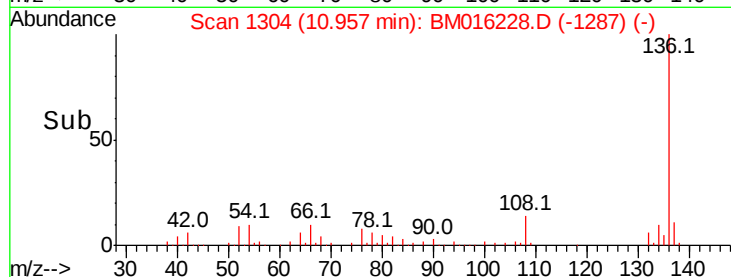
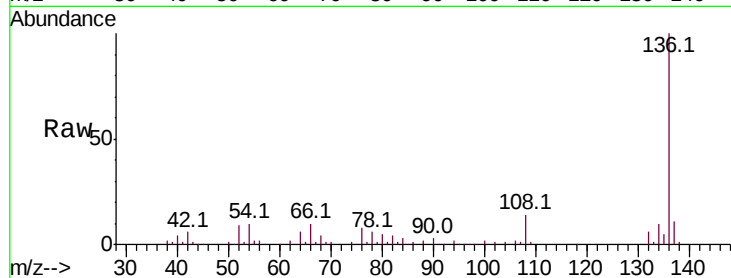




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

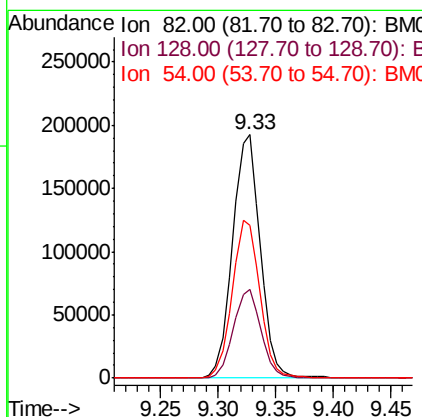
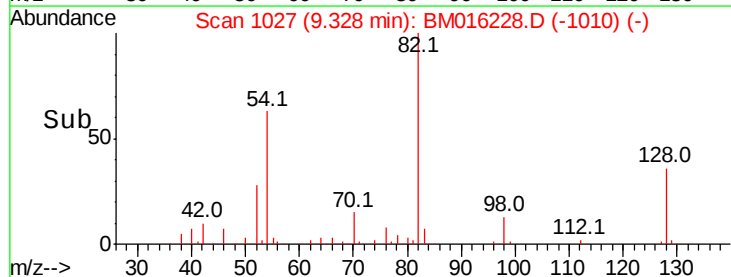
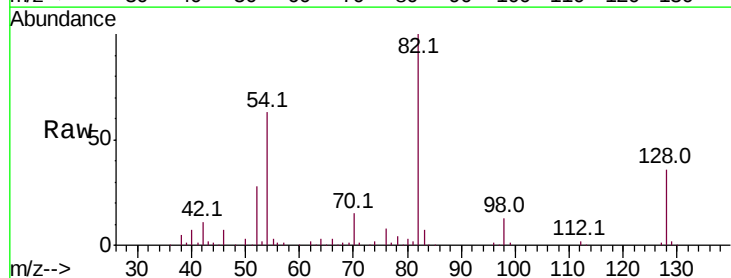
Instrument :
BNA_M
ClientSampleId :

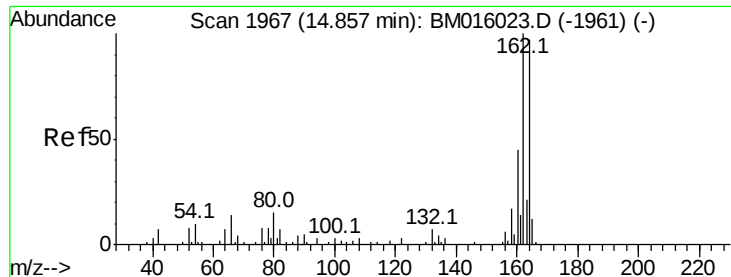
Tot Ion:	136	Resp:	212933
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	4.6	6.8#
68	4.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Tgt Ion:	82	Resp:	320703
Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	62.6	40.6	60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

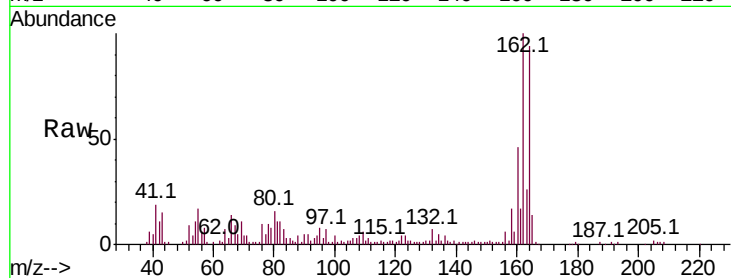
Tot Ion:164 Resp: 125869

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

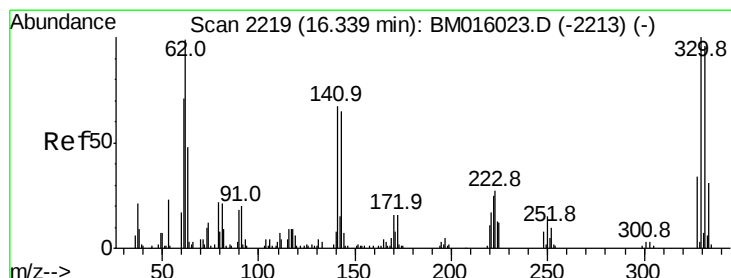
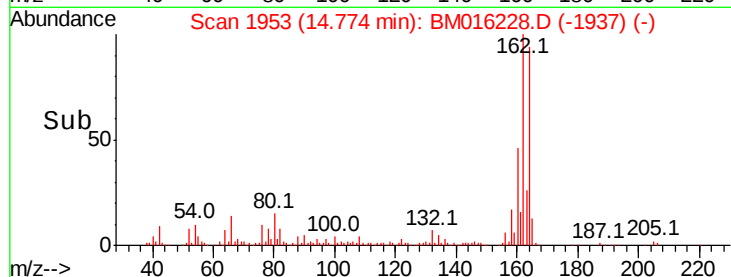
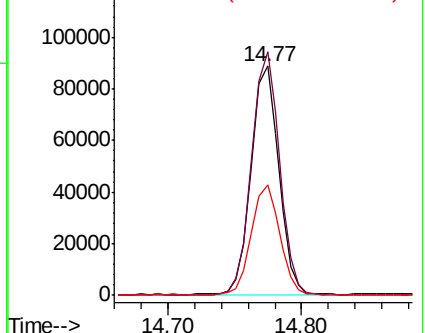
160 48.4 35.8 53.6



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# 2207

Delta R.T. -0.00 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

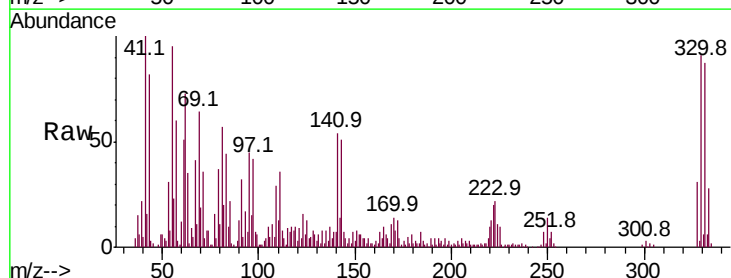
Tgt Ion:330 Resp: 262160

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

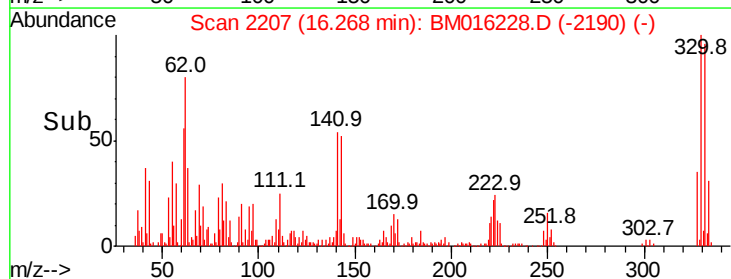
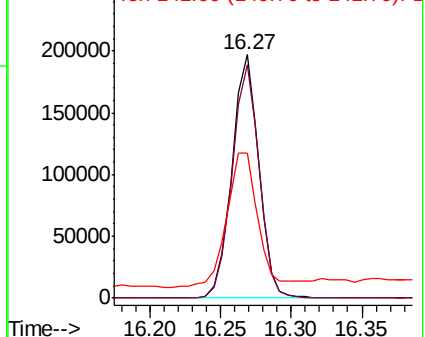
141 64.9 0.0 0.0#

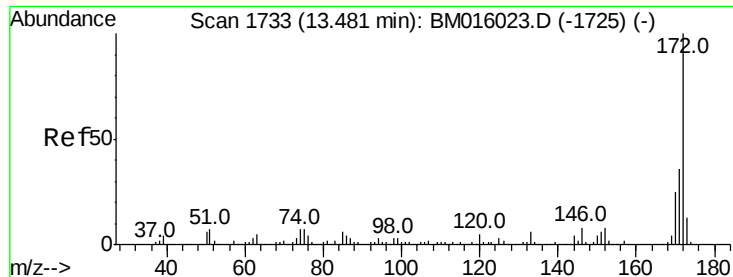


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



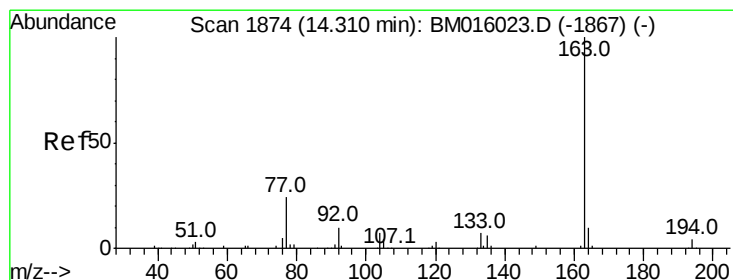
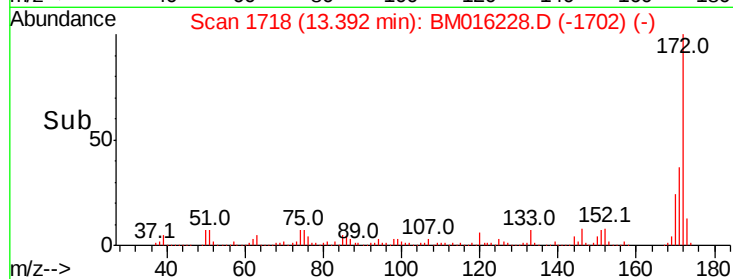
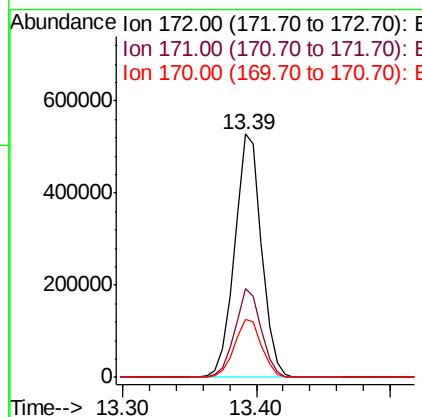
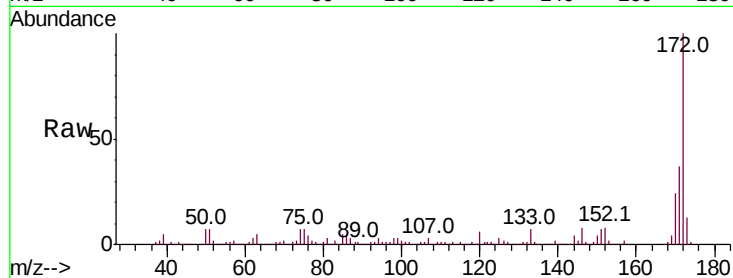


#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 738969

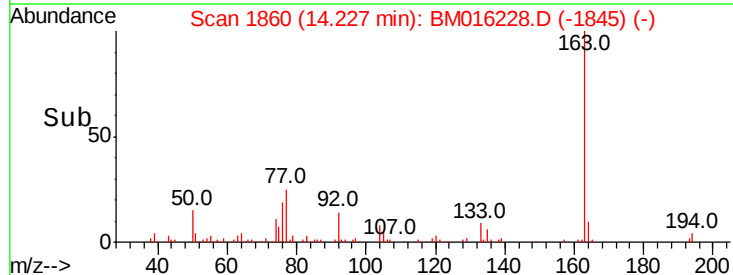
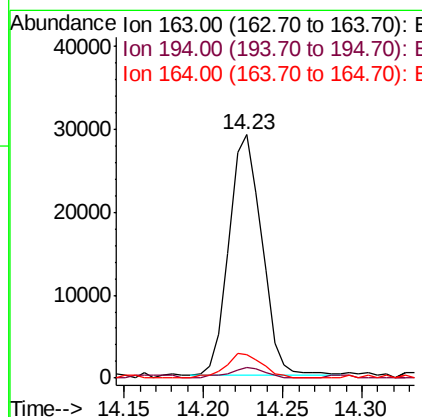
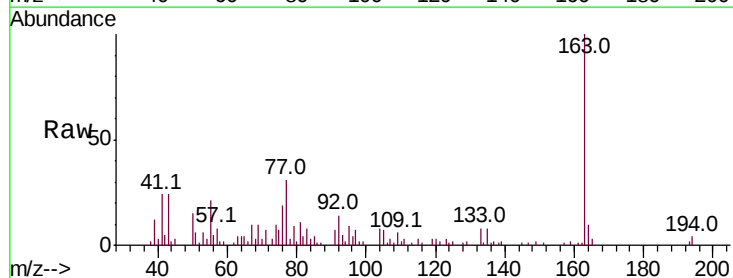
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.9	18.8	28.2

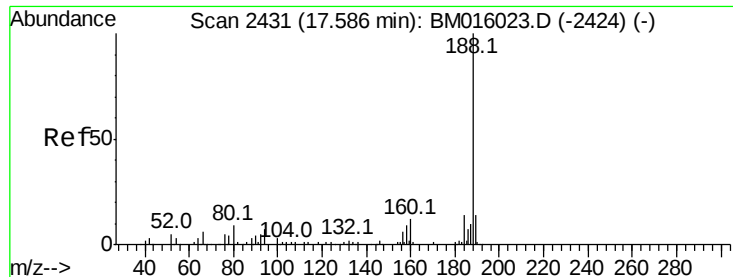


#49
 Dimethylphthalate
 Concen: 3.821 ng
 RT: 14.23 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

Tgt Ion:163 Resp: 42091

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

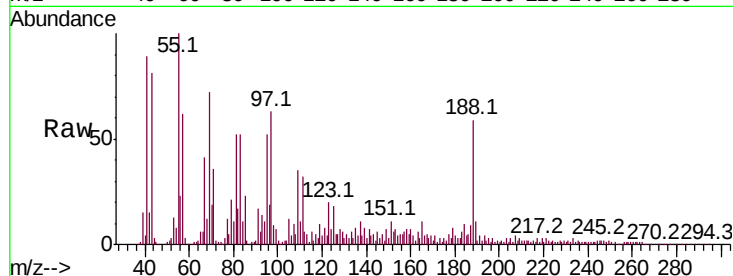
Tot Ion:188 Resp: 654171

Ion Ratio Lower Upper

188 100

94 18.0 8.7 13.1#

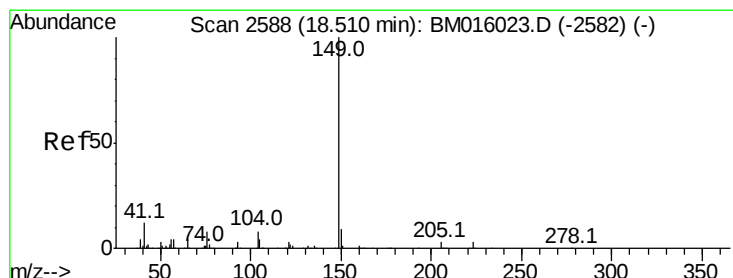
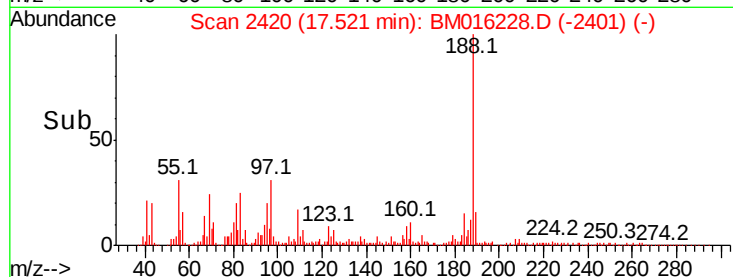
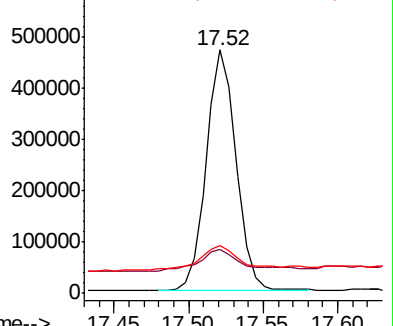
80 19.5 9.3 13.9#



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



#73

Di-n-butylphthalate

Concen: 2.387 ng

RT: 18.46 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

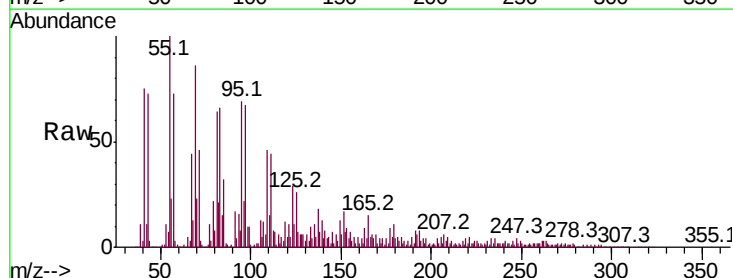
Tgt Ion:149 Resp: 109698

Ion Ratio Lower Upper

149 100

150 42.8 7.5 11.3#

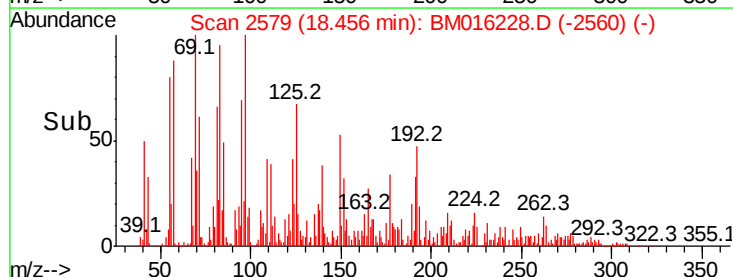
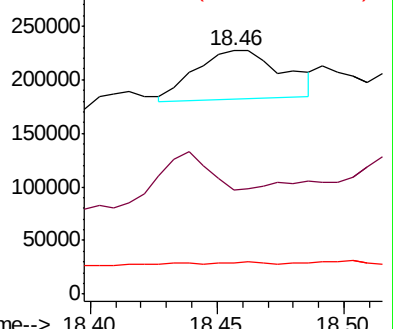
104 12.9 3.7 5.5#

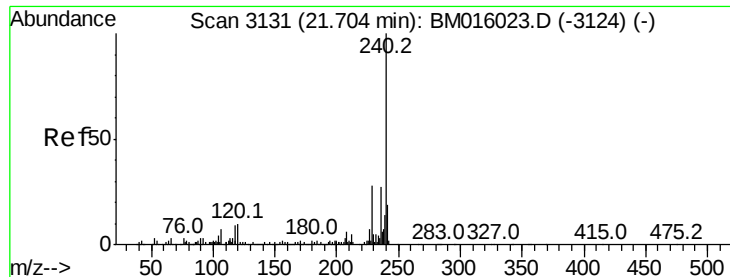


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.03 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

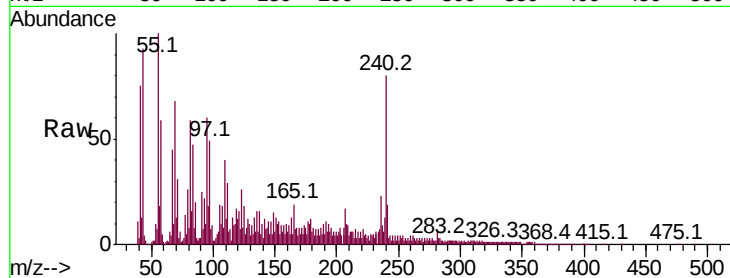
Tot Ion:240 Resp: 580397

Ion Ratio Lower Upper

240 100

120 14.9 8.2 12.2#

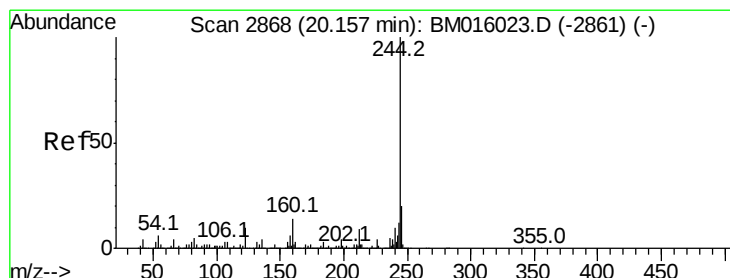
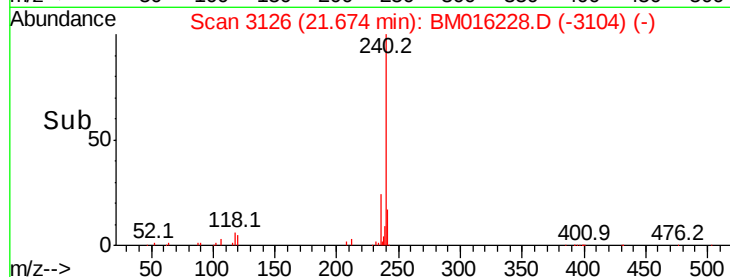
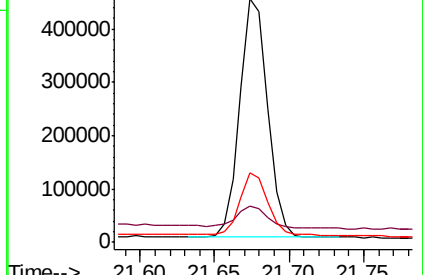
236 28.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.14 min Scan# 2865

Delta R.T. 0.05 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

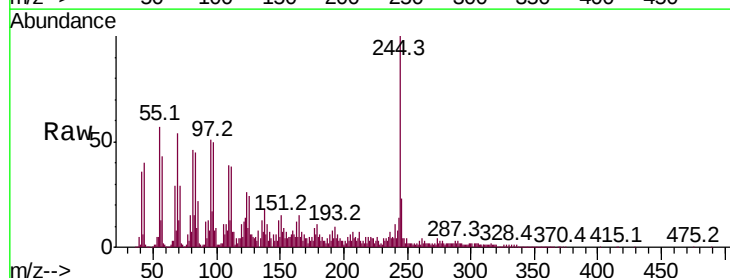
Tgt Ion:244 Resp: 4369526

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

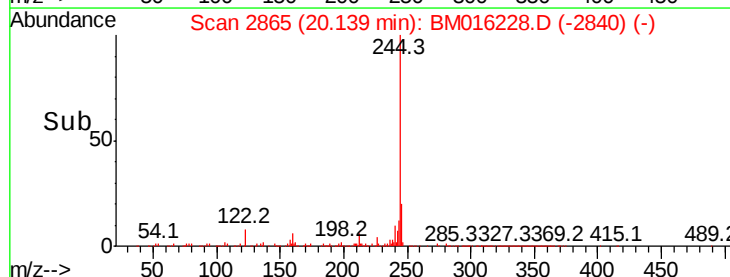
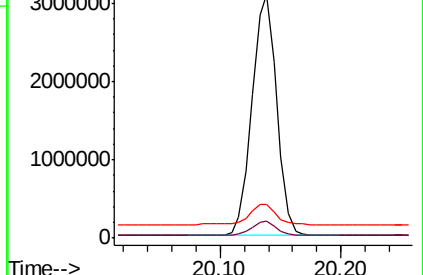
122 13.8 6.2 9.4#

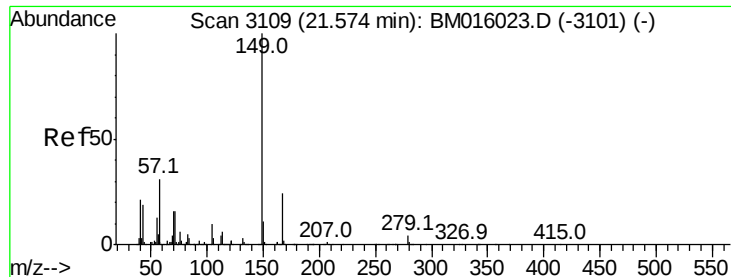


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 173.965 ng

RT: 21.54 min Scan# 3103

Delta R.T. 0.02 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

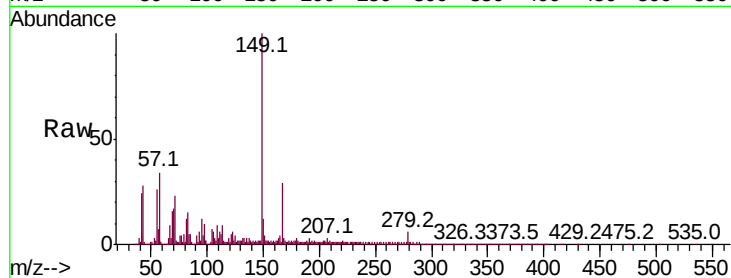
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 4454769

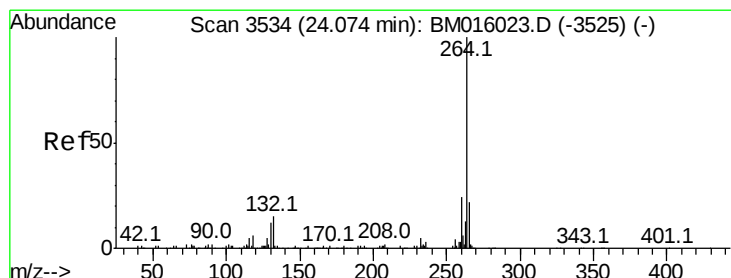
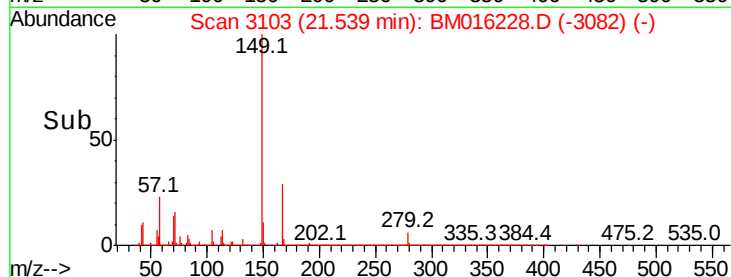
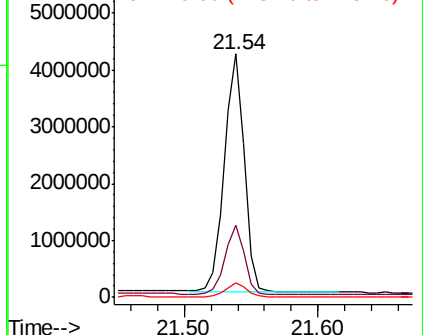
Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.4	33.6
279	5.8	3.4	5.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.99 min Scan# 3520

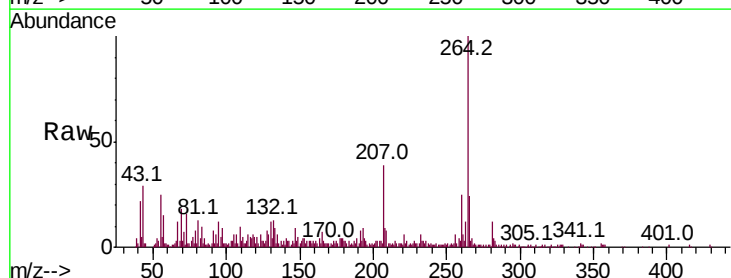
Delta R.T. 0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Tgt Ion:264 Resp: 208901

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	24.1	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

