

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016408.D
 Acq On : 16 Aug 2018 09:14
 Operator : SJ/JU
 Sample : J4462-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 11:48:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

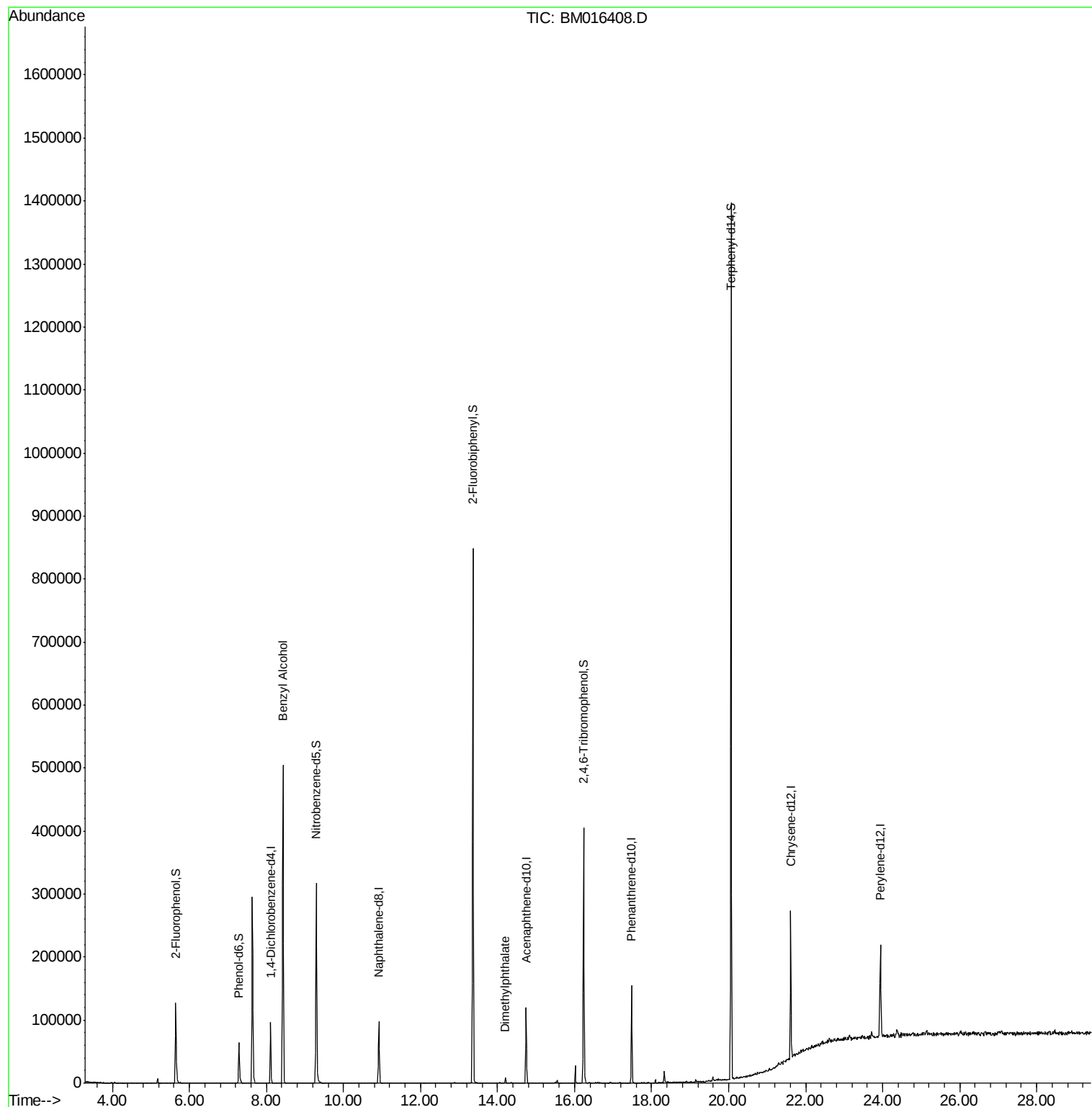
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17720	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	62170	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	31771	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	72474	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	90000	20.00	ng	0.00
86) Perylene-d12	23.94	264	97964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	42366	39.71	ng	0.00
7) Phenol-d6	7.28	99	27021	19.40	ng	0.00
23) Nitrobenzene-d5	9.29	82	149828	112.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	35852	88.97	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	293863	112.54	ng	-0.01
78) Terphenyl-d14	20.06	244	419283	97.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.42	79	3755	3.385	ng	# 40
49) Dimethylphthalate	14.20	163	6350	2.284	ng	# 95

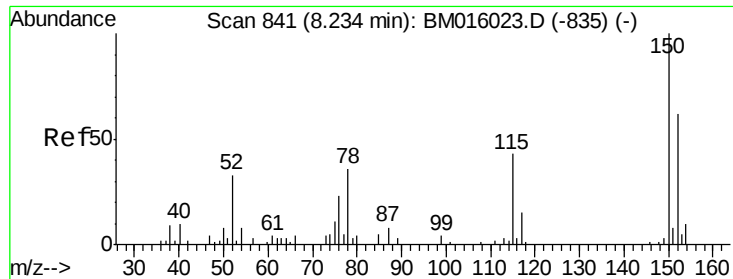
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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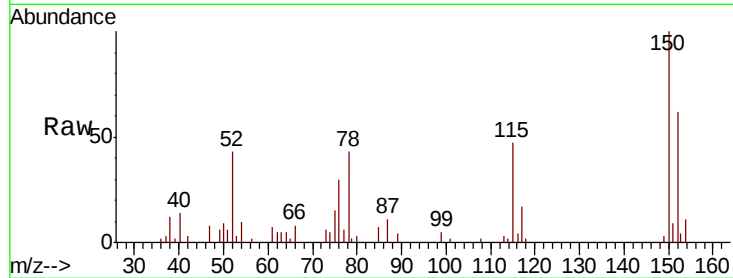




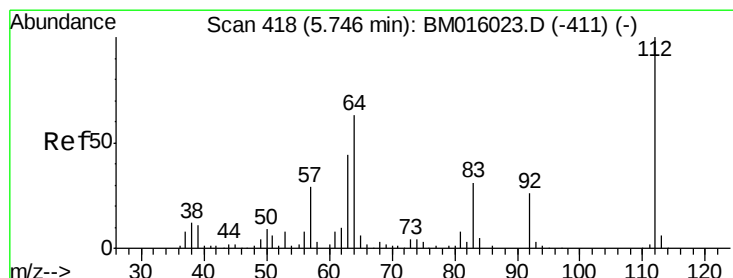
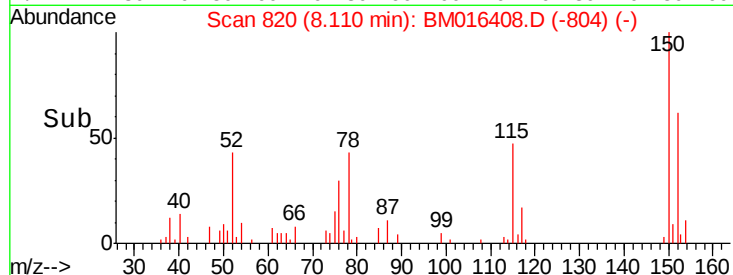
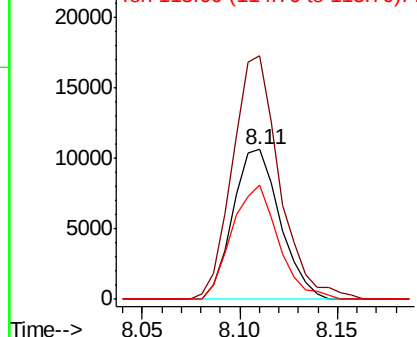
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:152 Resp: 17720
 Ion Ratio Lower Upper
 152 100
 150 162.5 119.5 179.3
 115 76.2 43.0 64.4#

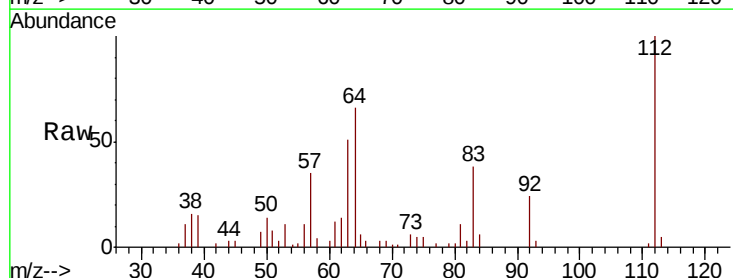


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

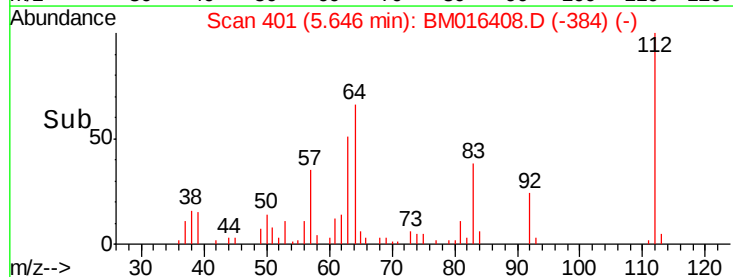
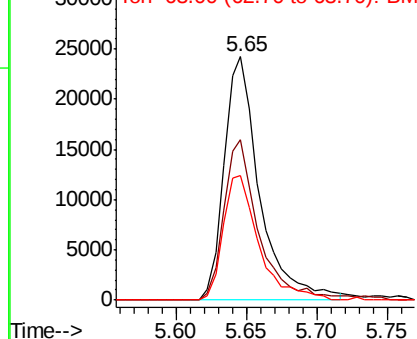


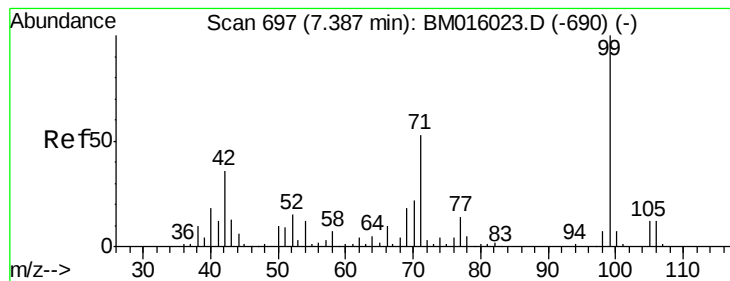
#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Tgt Ion:112 Resp: 42366
 Ion Ratio Lower Upper
 112 100
 64 65.8 38.6 57.8#
 63 51.2 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

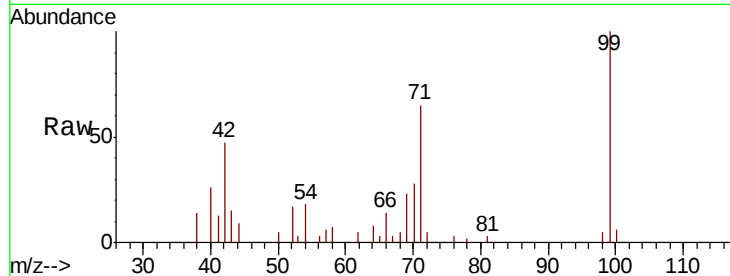
Tot Ion: 99 Resp: 27021

Ion Ratio Lower Upper

99 100

42 46.6 11.0 16.4#

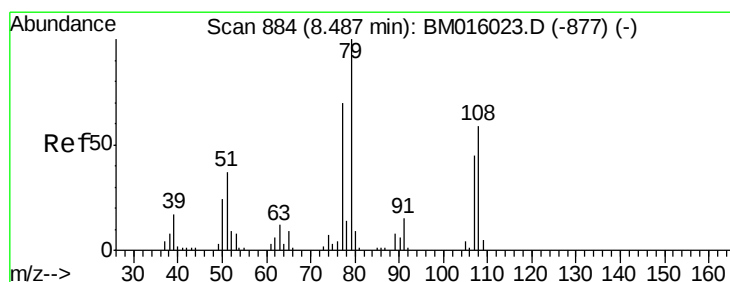
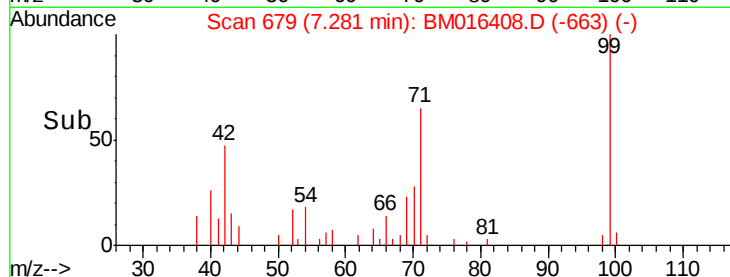
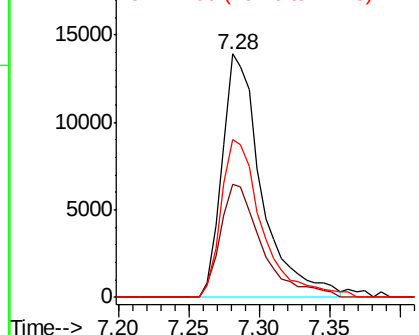
71 64.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016408.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016408.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016408.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.385 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.05 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

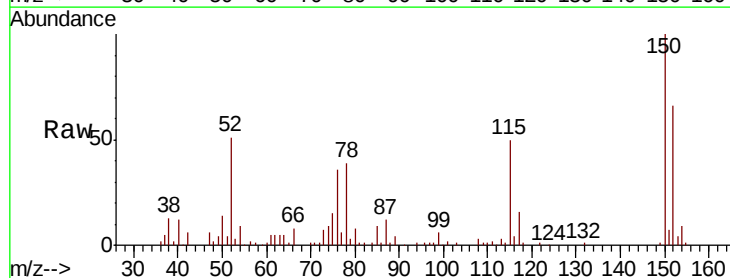
Tgt Ion: 79 Resp: 3755

Ion Ratio Lower Upper

79 100

108 75.4 65.0 97.4

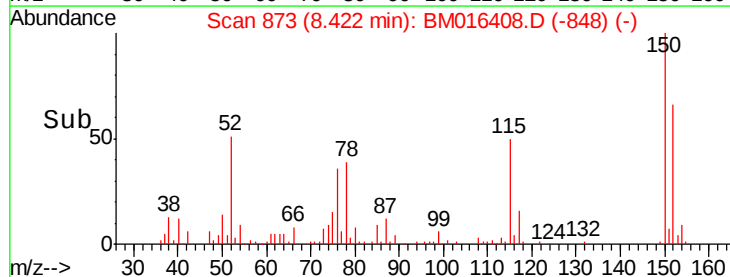
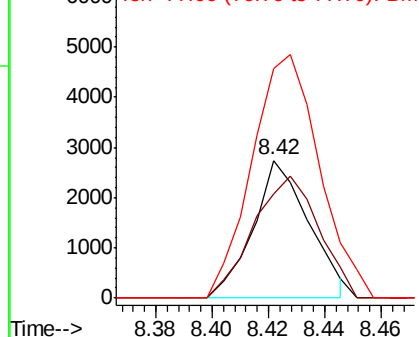
77 166.4 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016408.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016408.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016408.D (-848) (-)

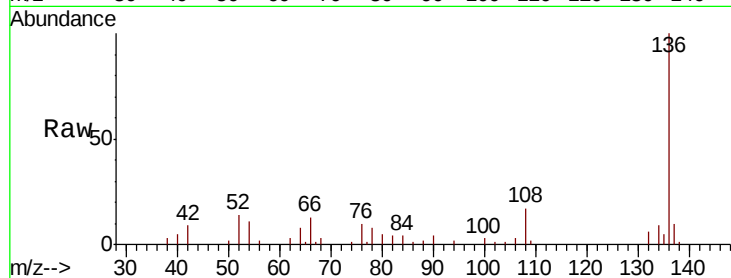




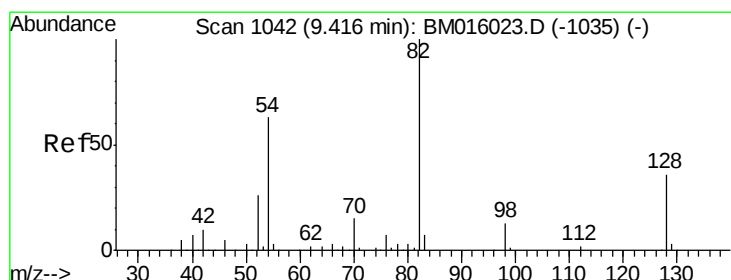
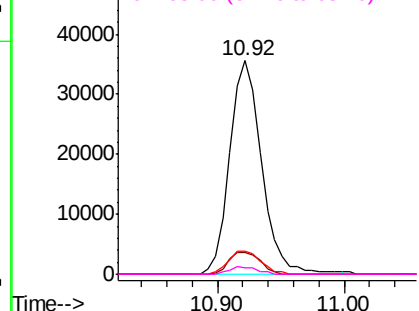
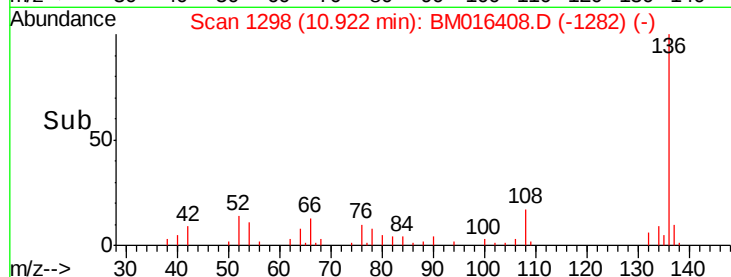
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 62170
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.7 4.6 6.8#
68 3.0 3.7 5.5#

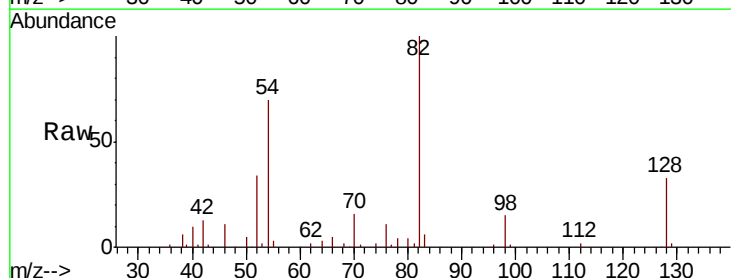


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

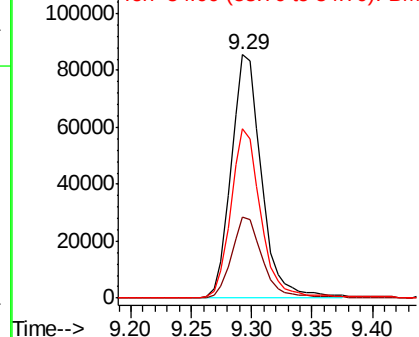
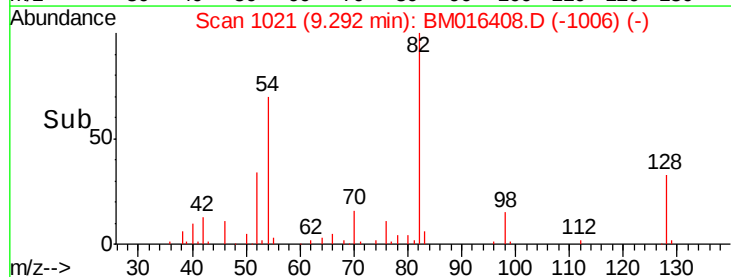


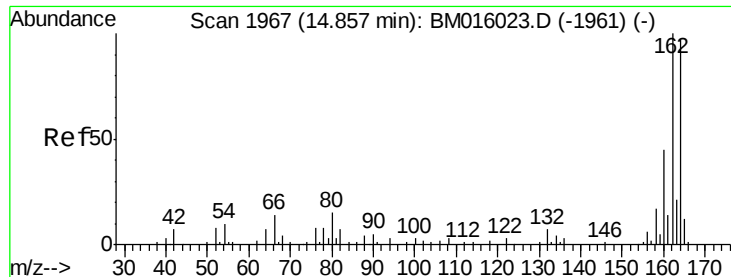
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Tgt Ion: 82 Resp: 149828
Ion Ratio Lower Upper
82 100
128 33.3 32.8 49.2
54 69.8 40.6 60.8#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

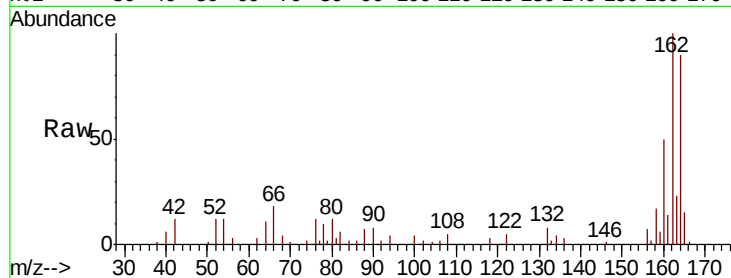
Tot Ion:164 Resp: 31771

Ion Ratio Lower Upper

164 100

162 111.7 82.4 123.6

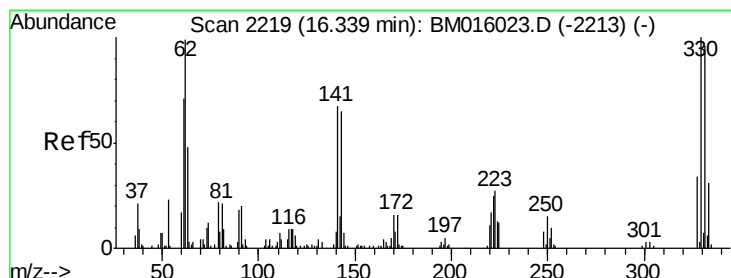
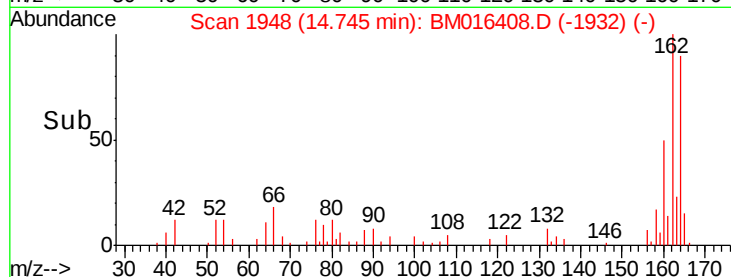
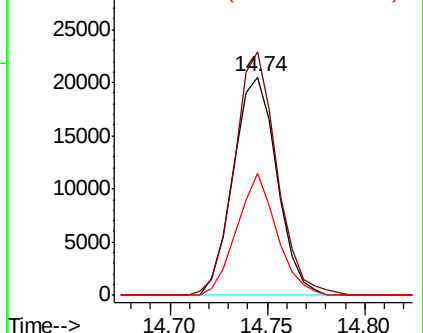
160 55.8 35.8 53.6#



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: 16.23 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

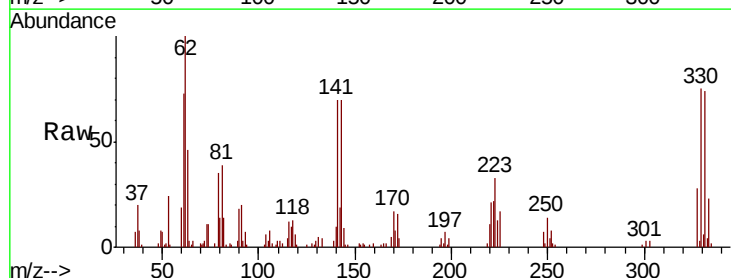
Tgt Ion:330 Resp: 35852

Ion Ratio Lower Upper

330 100

332 93.0 0.0 0.0#

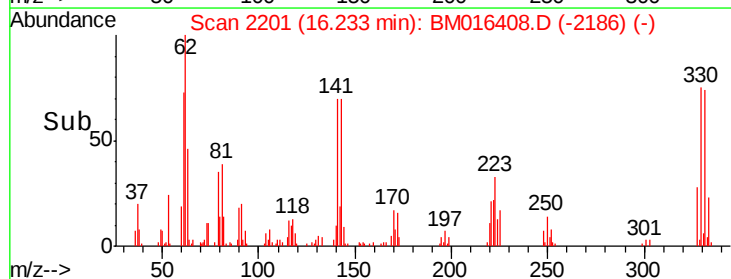
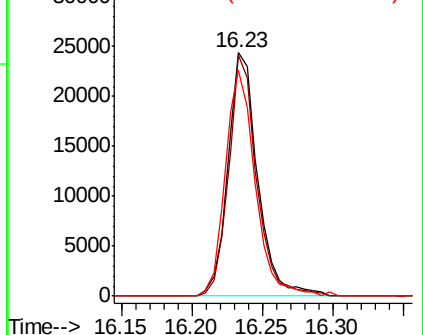
141 93.1 0.0 0.0#



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

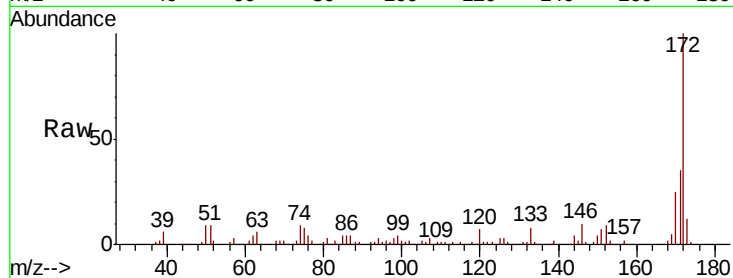




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	25.4	18.8	28.2

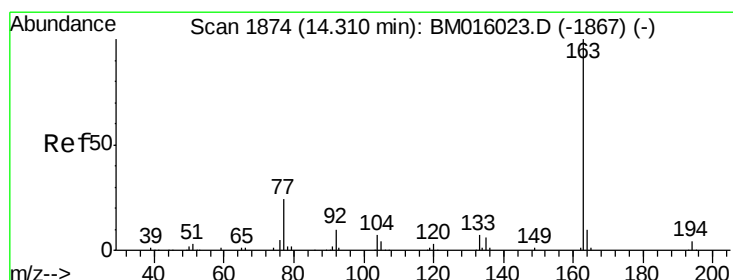
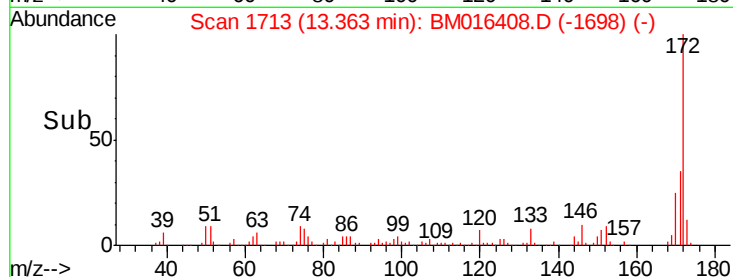
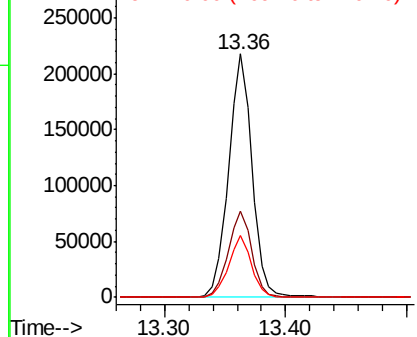


Abundance

Ion 172.00 (171.70 to 172.70): E

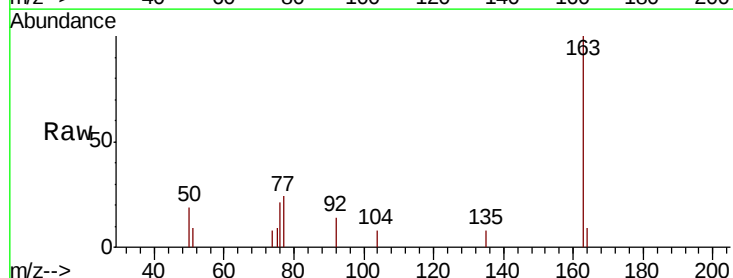
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 2.284 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	9.0	8.2	12.2

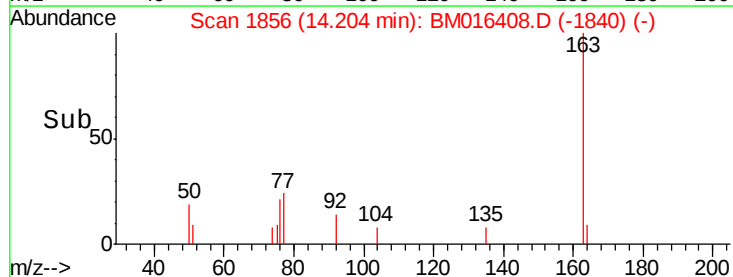
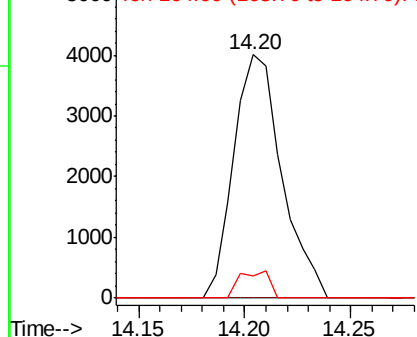


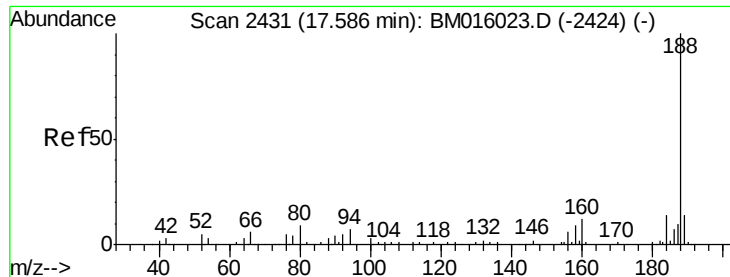
Abundance

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

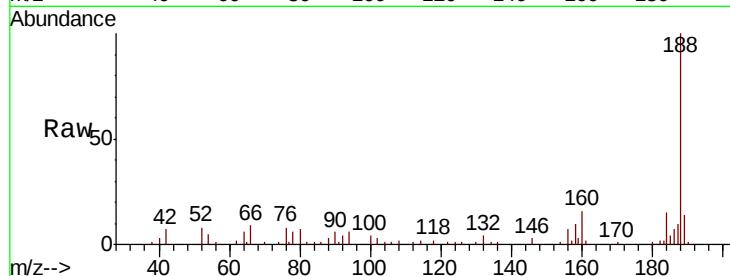




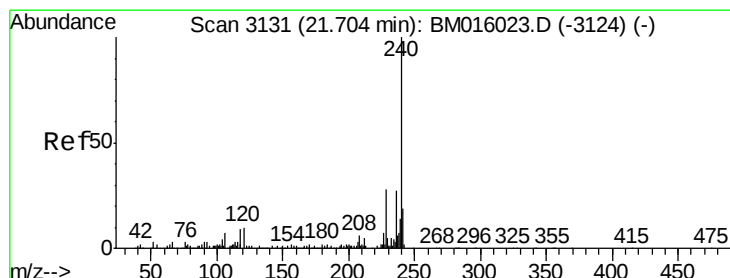
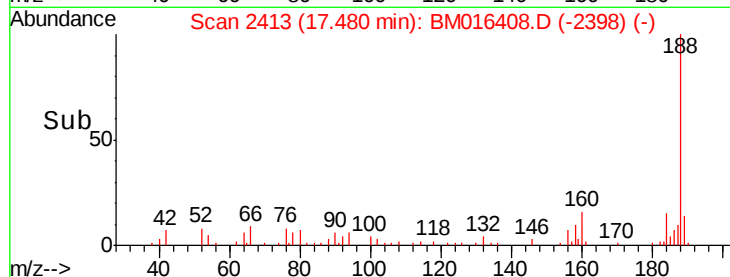
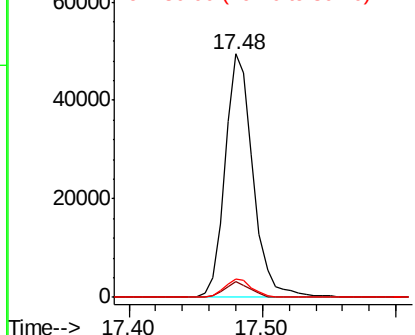
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 72474
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.4 9.3 13.9#

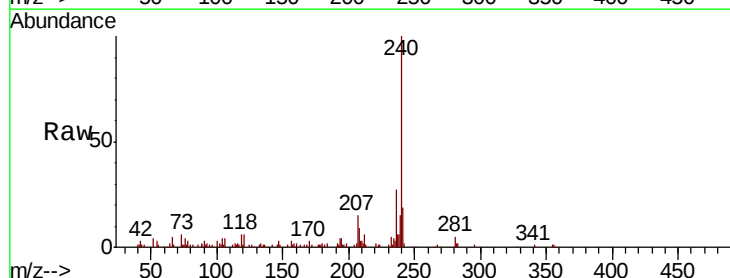


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

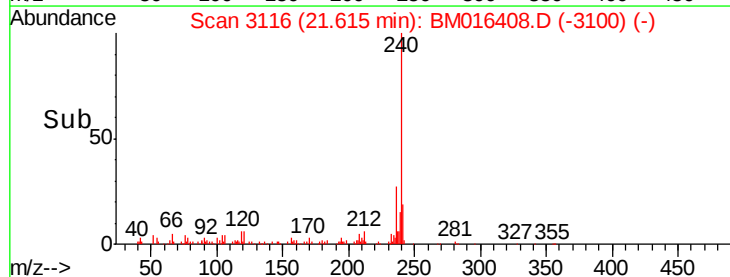
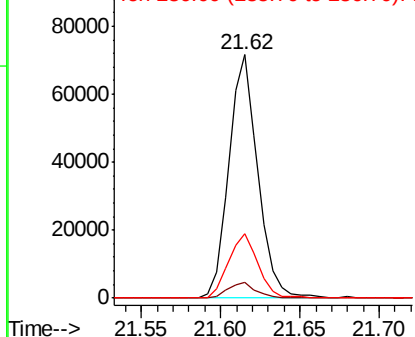


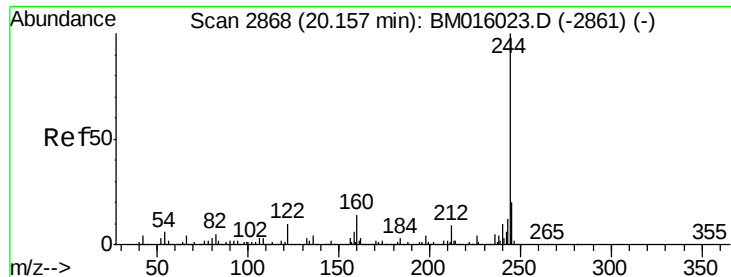
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016408.D
Acq: 16 Aug 2018 09:14

Tgt Ion:240 Resp: 90000
Ion Ratio Lower Upper
240 100
120 6.2 8.2 12.2#
236 26.6 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

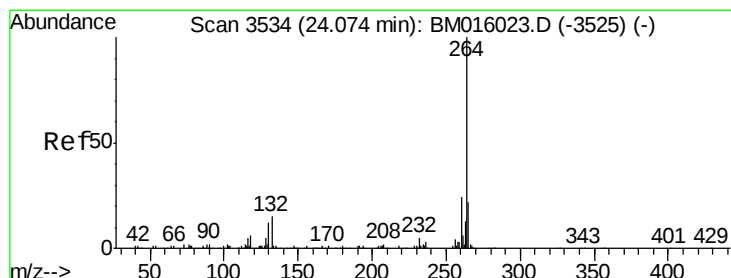
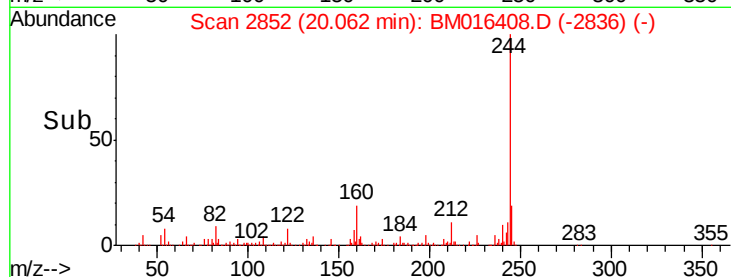
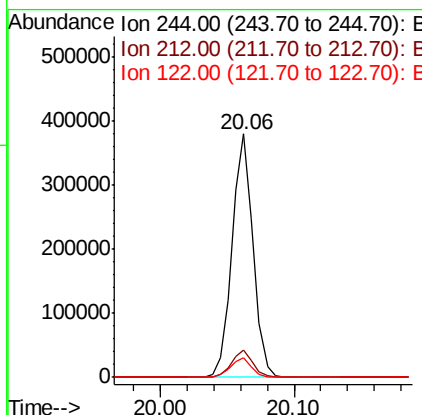
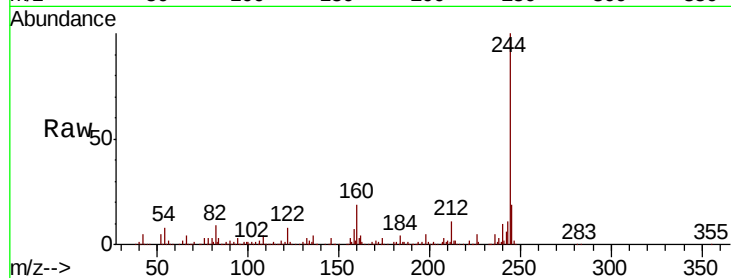




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.06 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.3	4.9	7.3#
122	8.0	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	23.5	17.3	25.9

