

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016400.D
 Acq On : 16 Aug 2018 04:24
 Operator : SJ/JU
 Sample : J4471-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 07:07:55 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

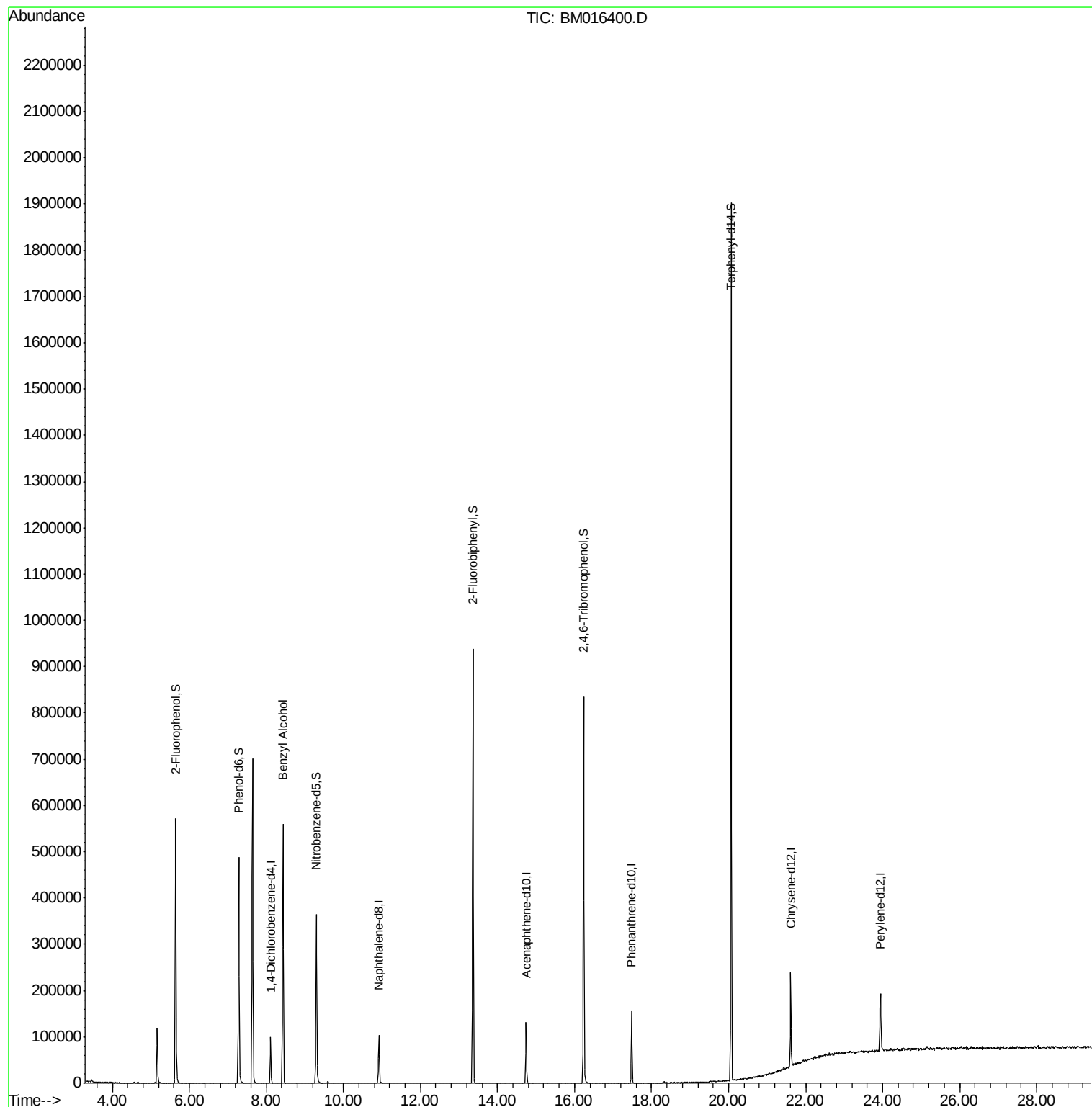
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18597	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	64146	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	33795	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	75946	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	77594	20.00	ng	0.00
86) Perylene-d12	23.94	264	83801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	161461	144.22	ng	0.00
7) Phenol-d6	7.28	99	165003	112.86	ng	0.00
23) Nitrobenzene-d5	9.30	82	168615	122.26	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	72231	168.52	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	329674	118.69	ng	-0.01
78) Terphenyl-d14	20.06	244	558227	150.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.43	79	3908	3.357	ng	Qvalue # 1

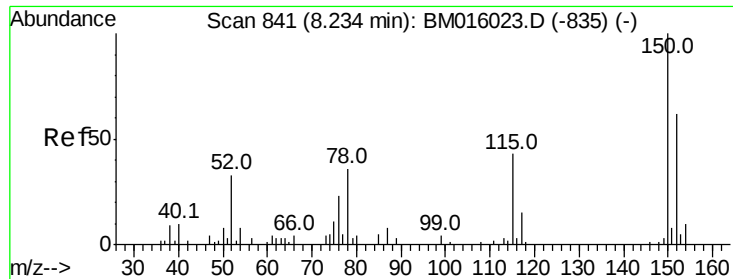
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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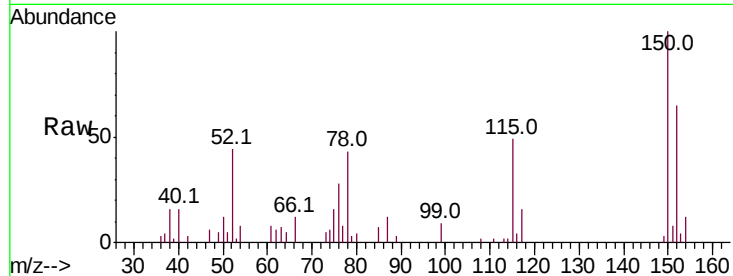


#1

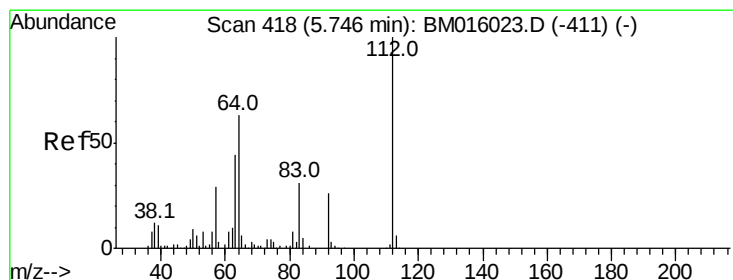
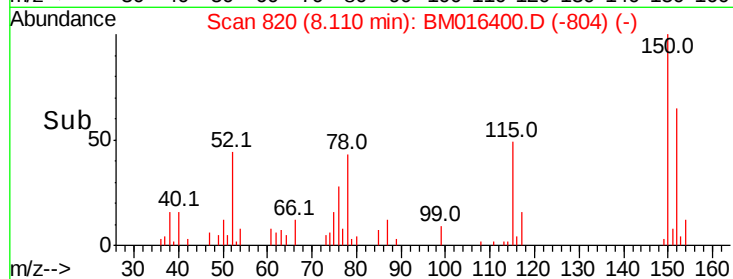
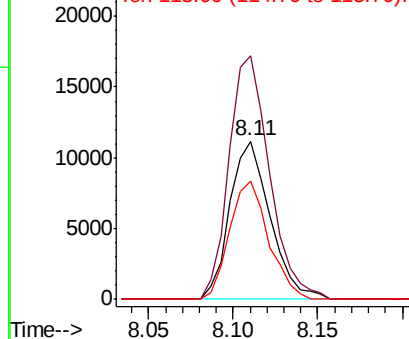
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 18597
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 74.9 43.0 64.4#



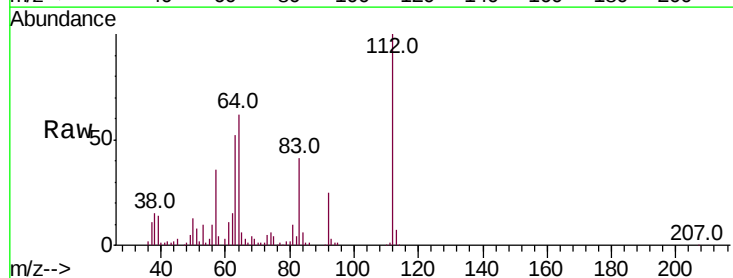
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



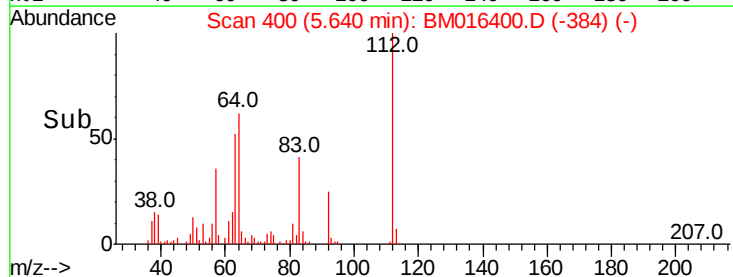
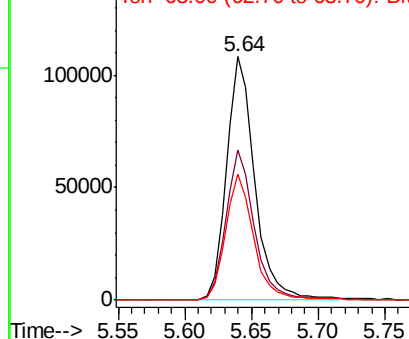
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:112 Resp: 161461
Ion Ratio Lower Upper
112 100
64 61.8 38.6 57.8#
63 51.8 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: BM016400.D

Acq: 16 Aug 2018 04:24

Instrument :

BNA_M

ClientSampled :

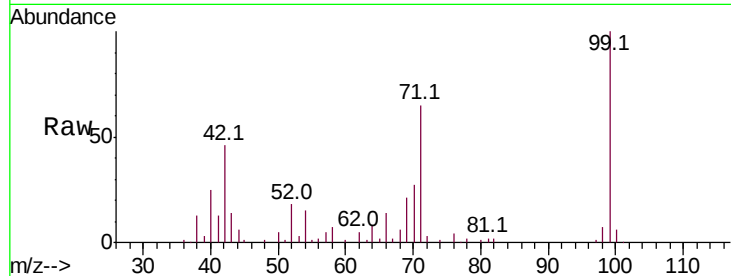
Tot Ion: 99 Resp: 165003

Ion Ratio Lower Upper

99 100

42 45.8 11.0 16.4#

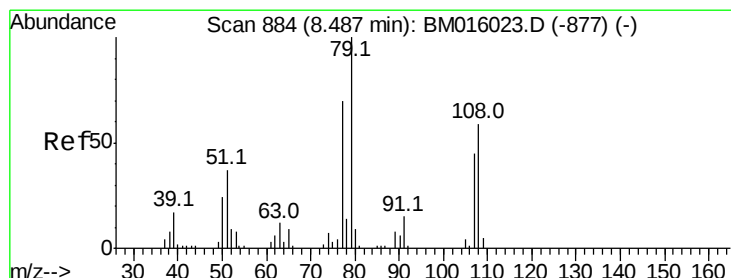
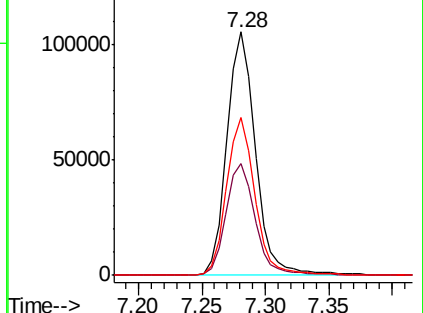
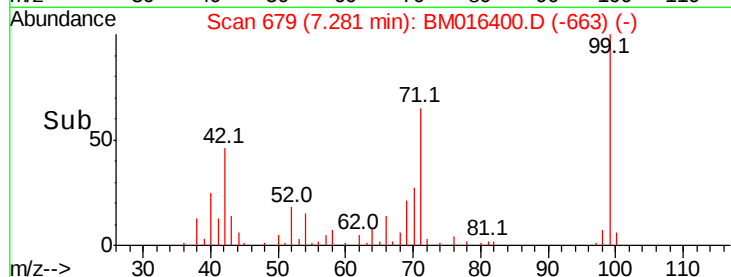
71 64.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016400.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016400.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016400.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.357 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.05 min

Lab File: BM016400.D

Acq: 16 Aug 2018 04:24

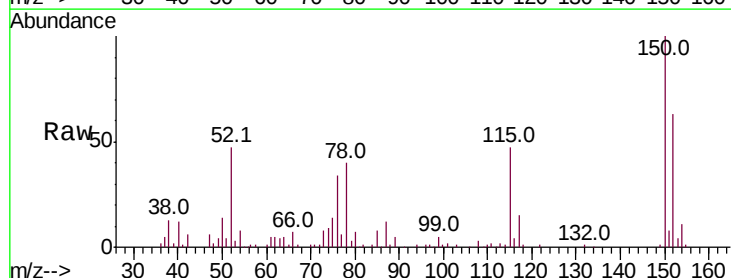
Tgt Ion: 79 Resp: 3908

Ion Ratio Lower Upper

79 100

108 118.6 65.0 97.4#

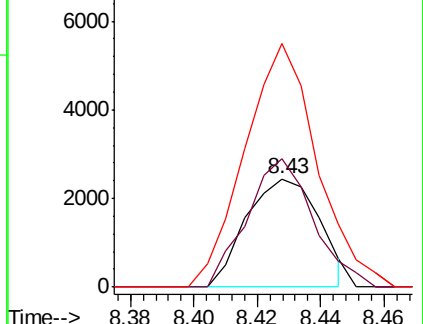
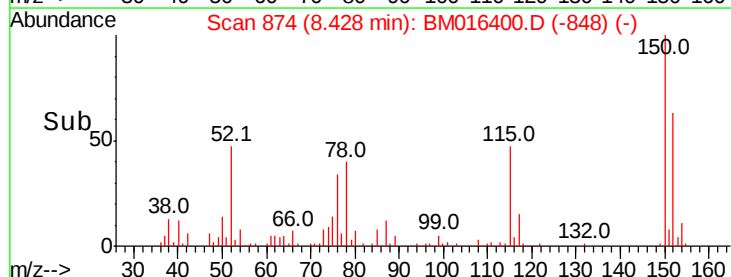
77 224.8 53.0 79.6#

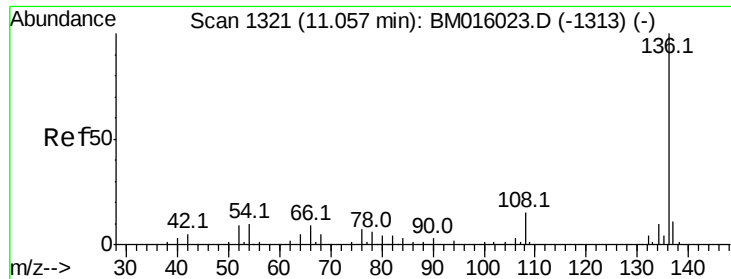


Abundance Ion 79.00 (78.70 to 79.70): BM016400.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016400.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016400.D (-848) (-)

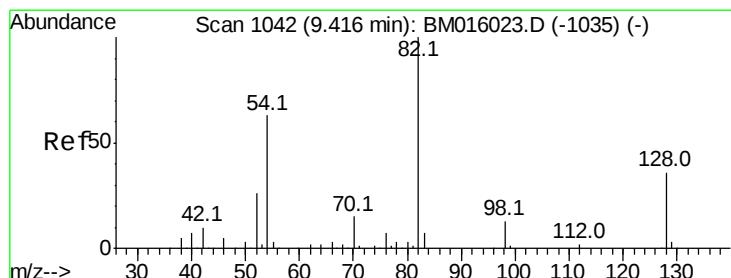
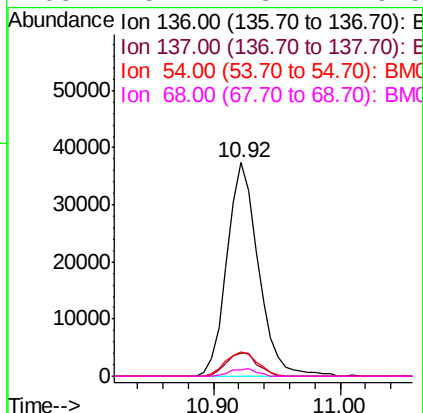
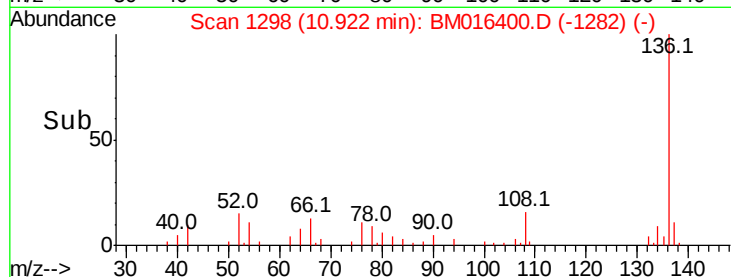
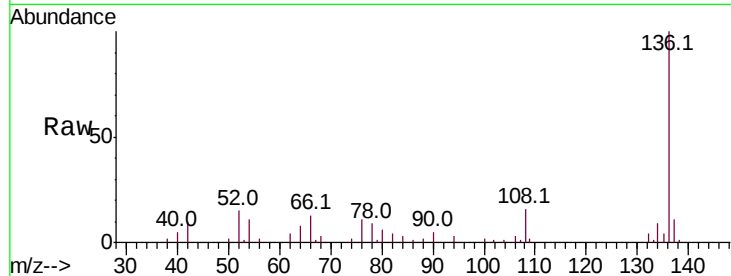




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

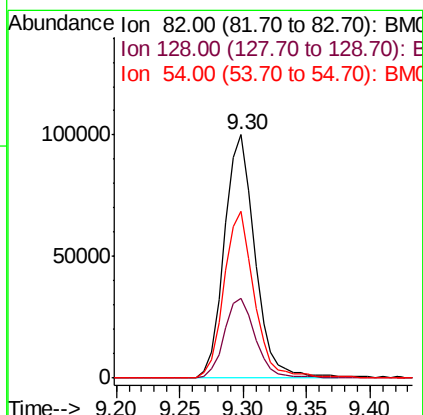
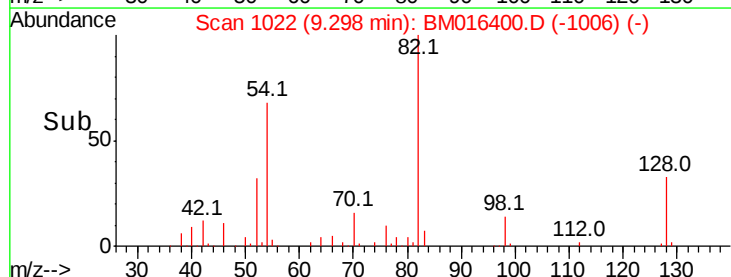
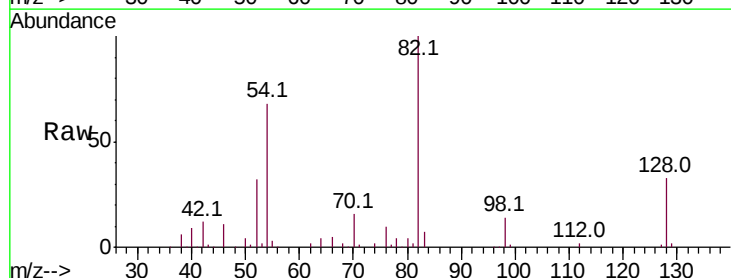
Instrument :
BNA_M
ClientSampleId :

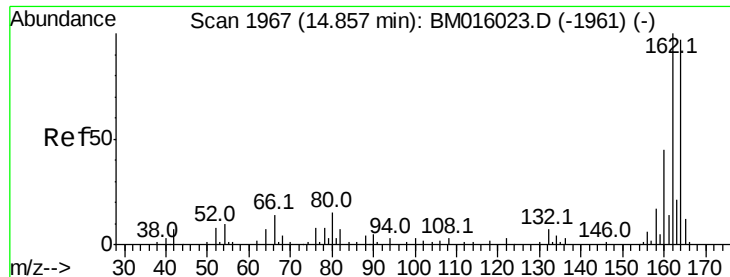
Tot Ion:136 Resp: 64146
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.2 4.6 6.8#
68 3.2 3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion: 82 Resp: 168615
Ion Ratio Lower Upper
82 100
128 32.6 32.8 49.2#
54 68.3 40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016400.D

Acq: 16 Aug 2018 04:24

Instrument :

BNA_M

ClientSampleId :

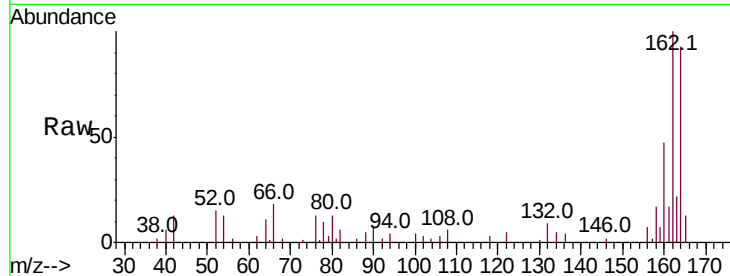
Tot Ion:164 Resp: 33795

Ion Ratio Lower Upper

164 100

162 108.1 82.4 123.6

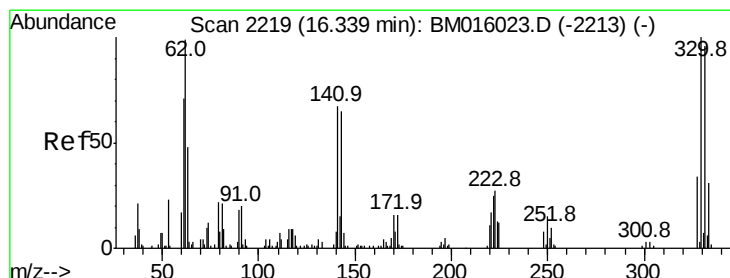
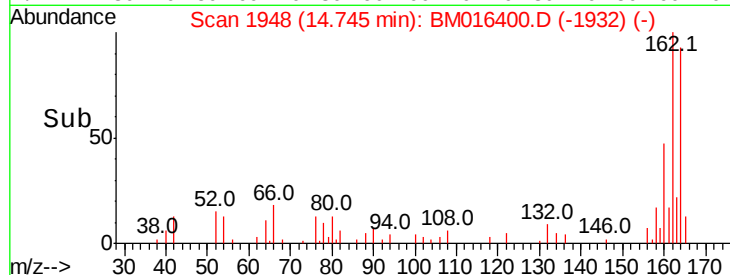
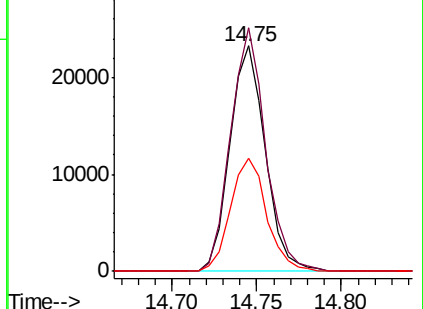
160 50.3 35.8 53.6



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: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016400.D

Acq: 16 Aug 2018 04:24

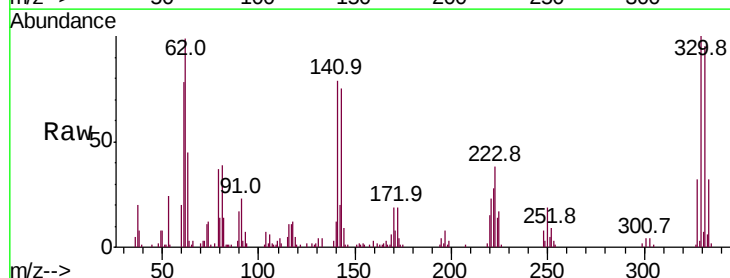
Tgt Ion:330 Resp: 72231

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

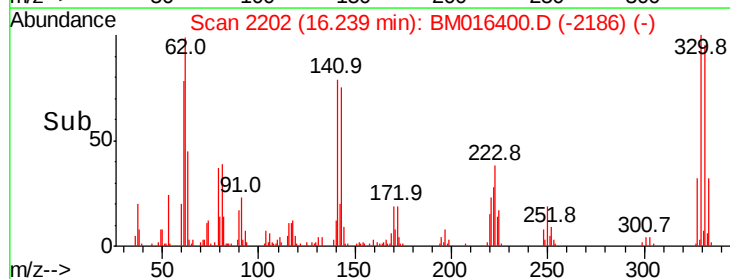
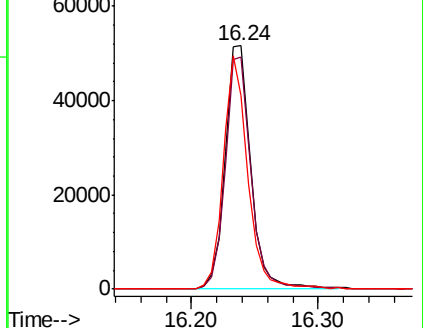
141 90.8 0.0 0.0#



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

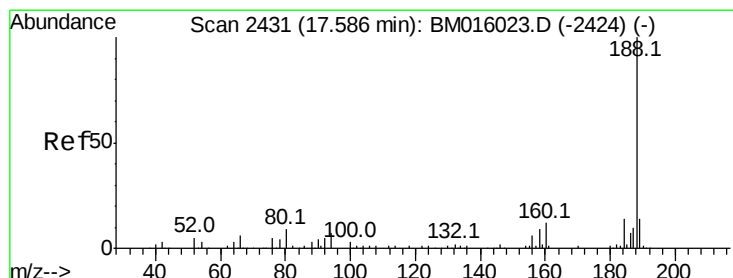
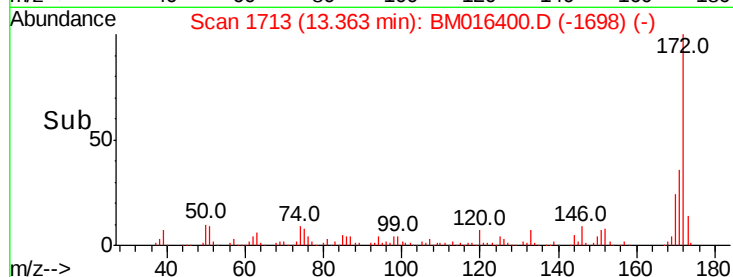
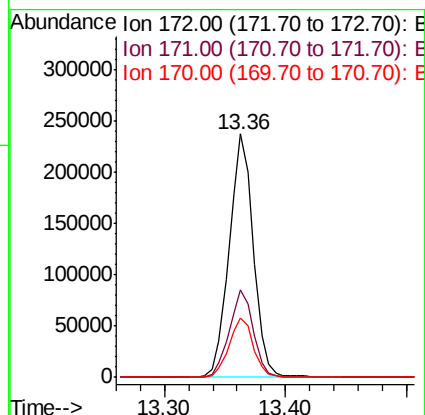
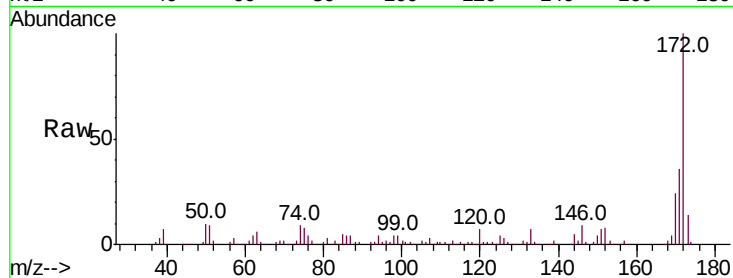




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016400.D
 Acq: 16 Aug 2018 04:24

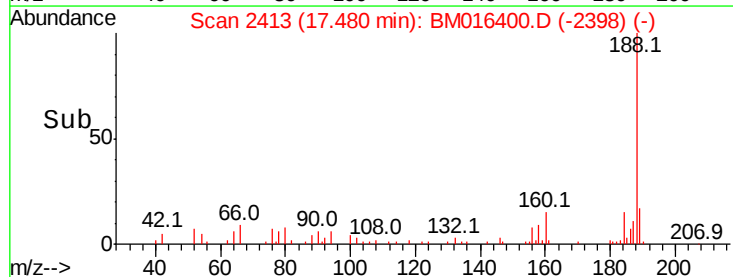
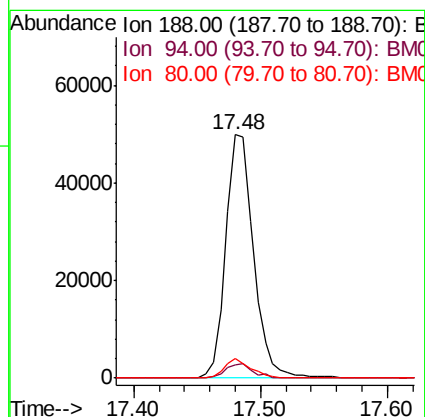
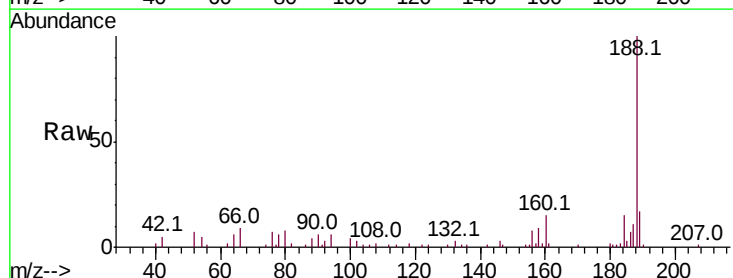
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 329674
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.3 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016400.D
 Acq: 16 Aug 2018 04:24

Tgt Ion:188 Resp: 75946
 Ion Ratio Lower Upper
 188 100
 94 5.6 8.7 13.1#
 80 7.9 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016400.D

Acq: 16 Aug 2018 04:24

Instrument :

BNA_M

ClientSampleId :

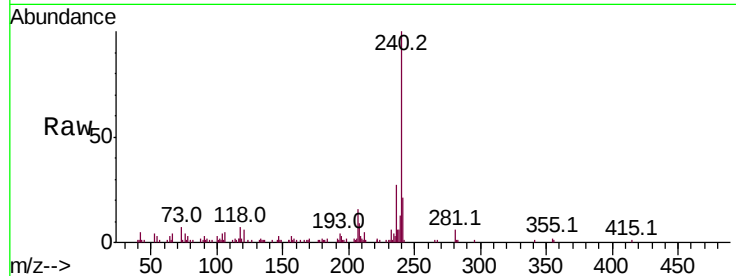
Tot Ion:240 Resp: 77594

Ion Ratio Lower Upper

240 100

120 5.8 8.2 12.2#

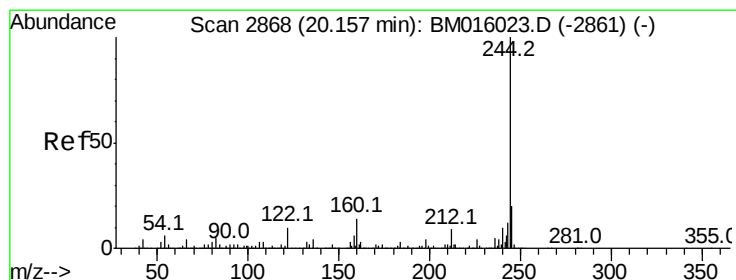
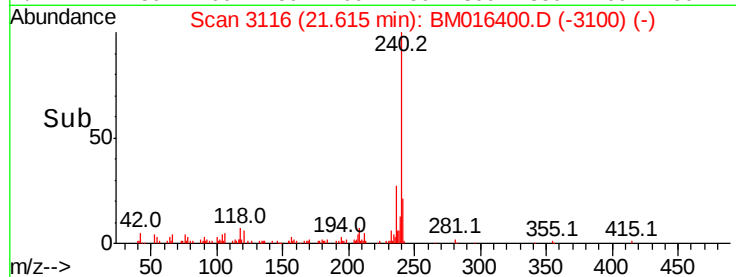
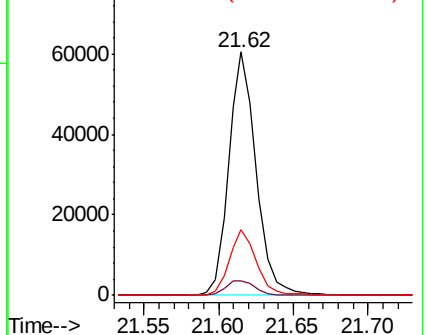
236 26.9 20.0 30.0



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: BM016400.D

Acq: 16 Aug 2018 04:24

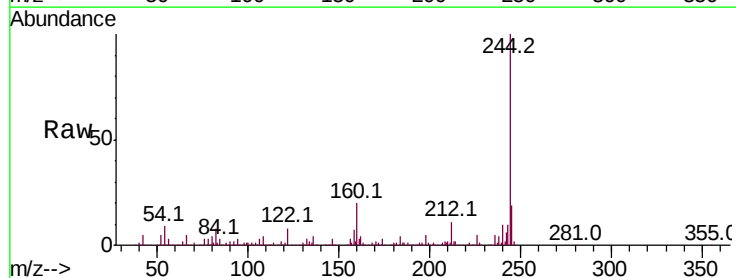
Tgt Ion:244 Resp: 558227

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

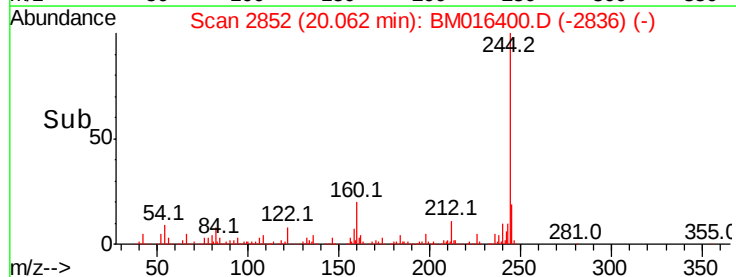
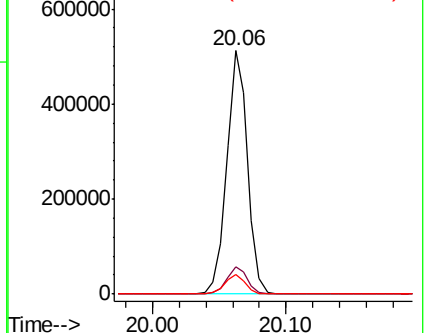
122 7.8 6.2 9.4

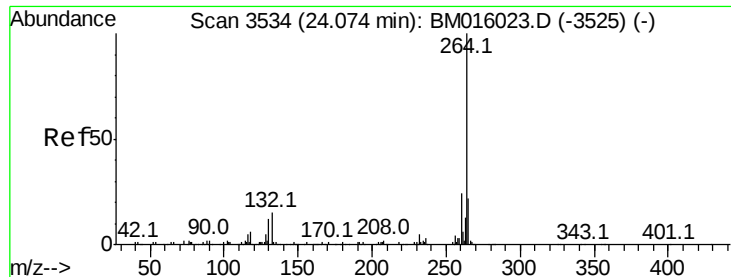


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

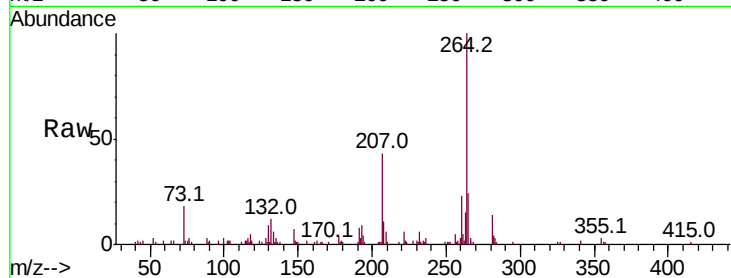




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	23.7	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

