

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016410.D
 Acq On : 16 Aug 2018 10:26
 Operator : SJ/JU
 Sample : J4445-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 11:48:36 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

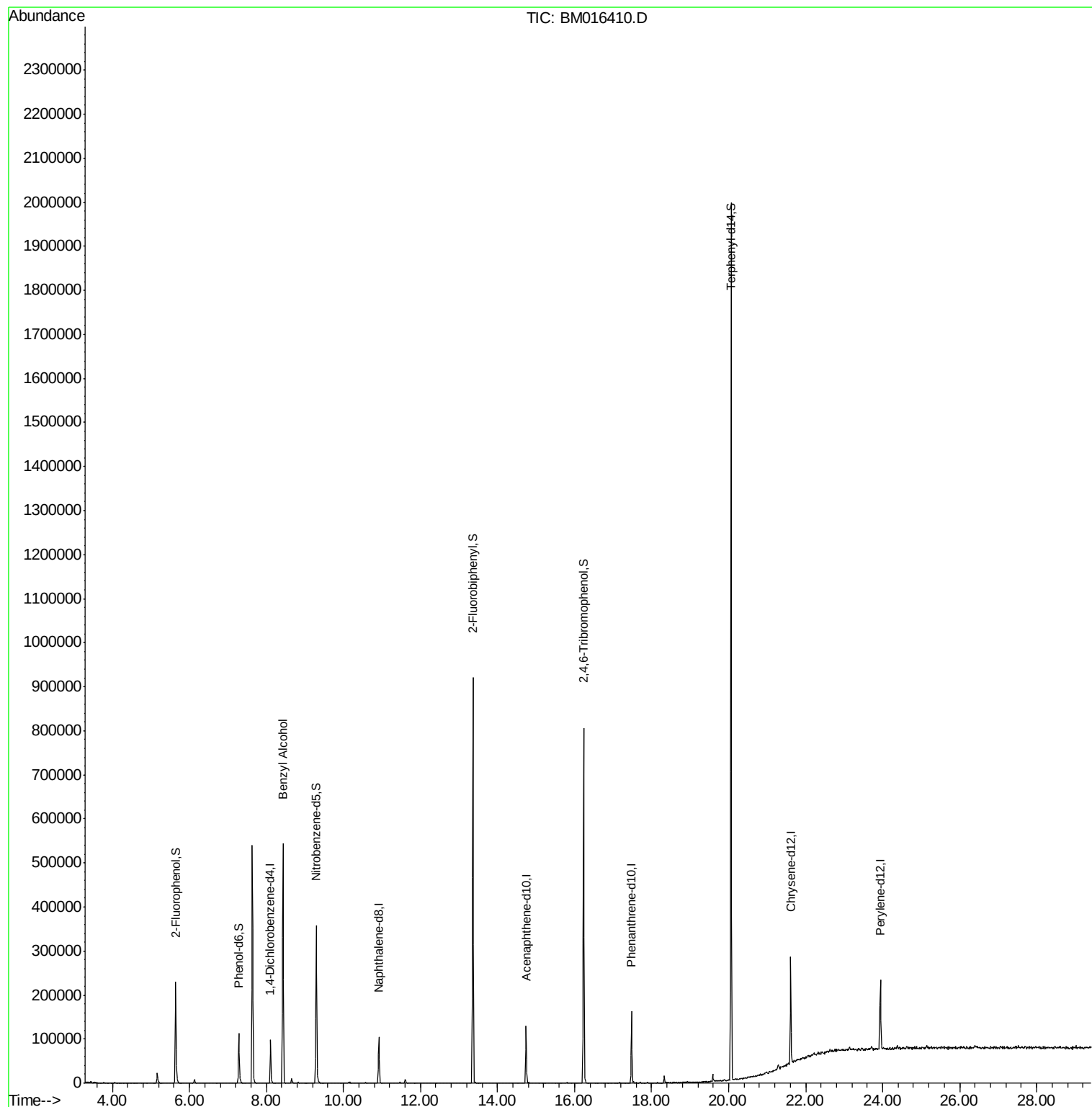
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18812	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	65747	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	33957	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	74486	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	92991	20.00	ng	0.00
86) Perylene-d12	23.94	264	99470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	69433	61.31	ng	0.00
7) Phenol-d6	7.28	99	44047	29.78	ng	0.00
23) Nitrobenzene-d5	9.30	82	168948	119.52	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	68930	160.05	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	323538	115.93	ng	-0.01
78) Terphenyl-d14	20.06	244	591900	133.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.42	79	3751	3.185	ng	Qvalue # 28

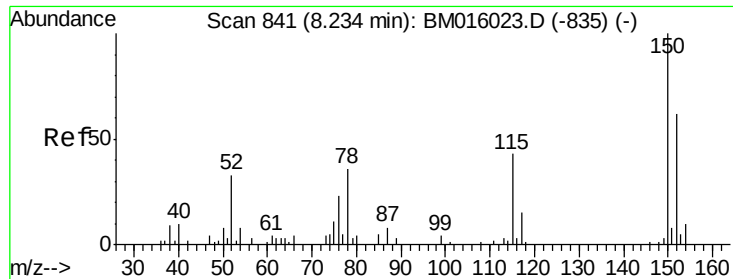
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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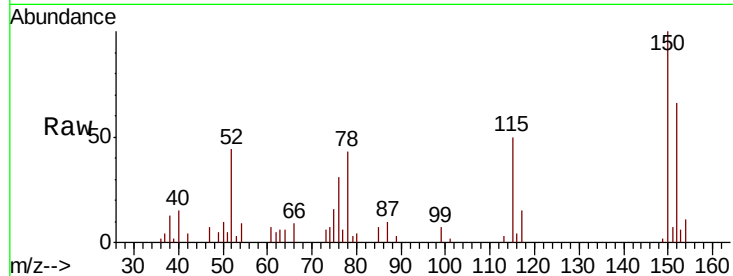


#1

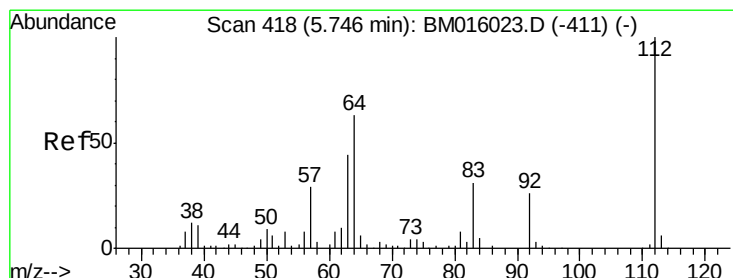
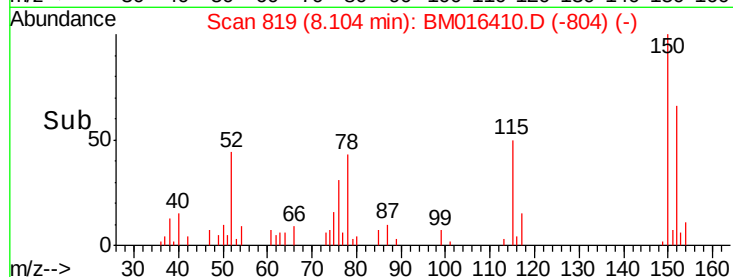
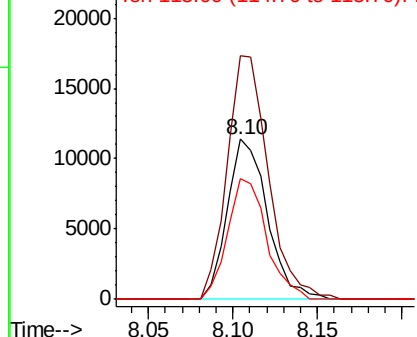
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BM016410.D
Acq: 16 Aug 2018 10:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 18812
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 75.3 43.0 64.4#



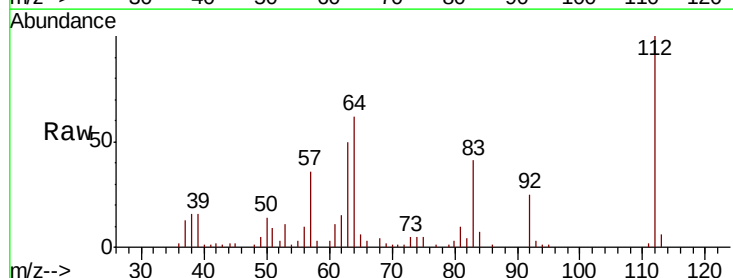
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



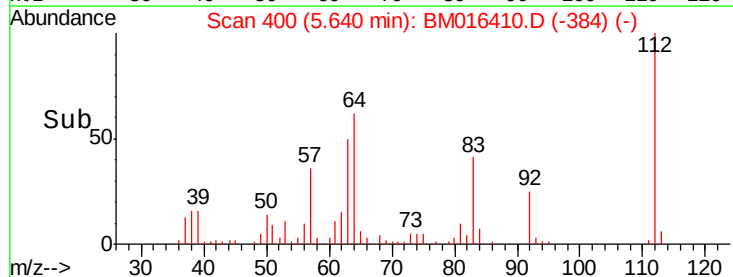
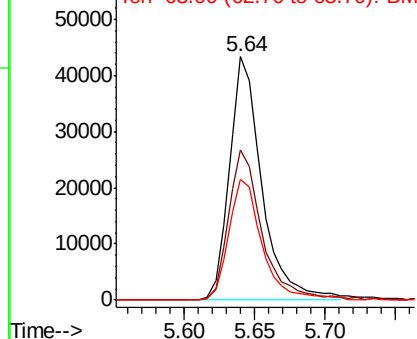
#5

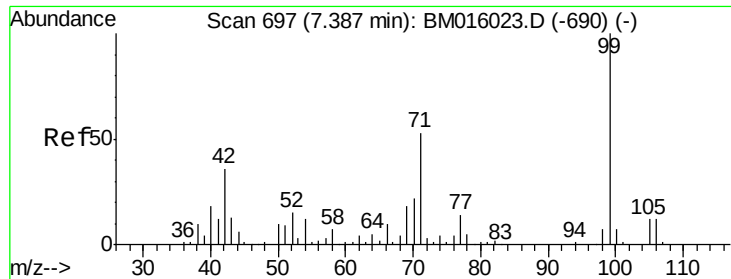
2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016410.D
Acq: 16 Aug 2018 10:26

Tgt Ion:112 Resp: 69433
Ion Ratio Lower Upper
112 100
64 61.5 38.6 57.8#
63 49.7 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. na

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016410.D

Acq: 16 Aug 2018 10:26

Instrument :

BNA_M

ClientSampleId :

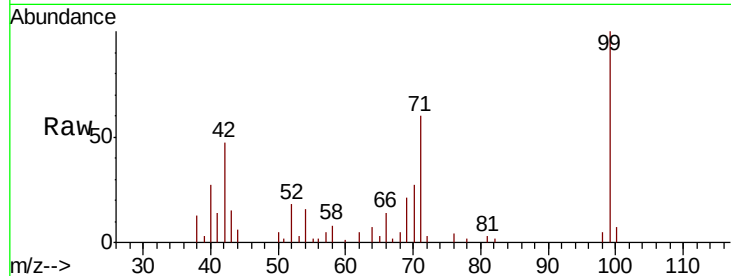
Tot Ion: 99 Resp: 44047

Ion Ratio Lower Upper

99 100

42 47.5 11.0 16.4#

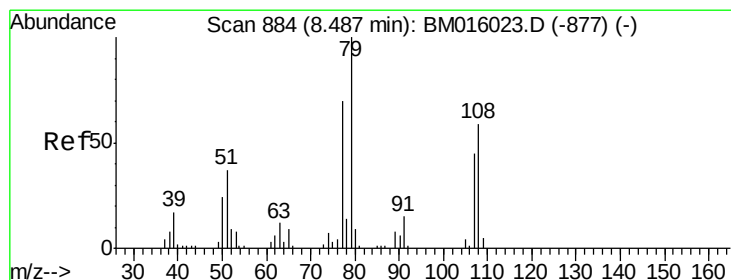
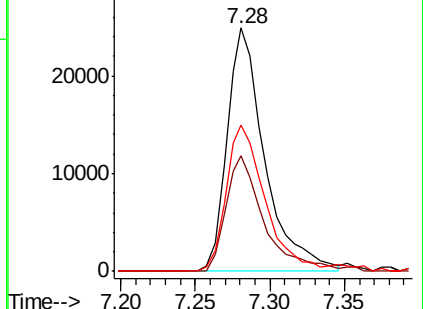
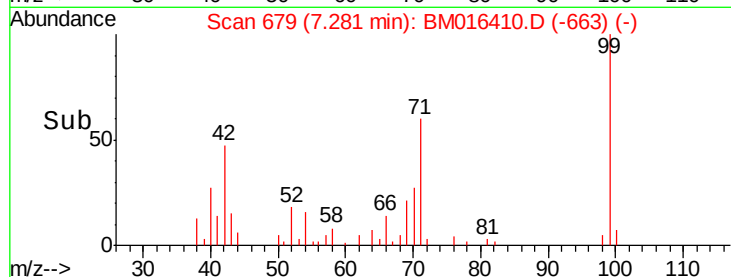
71 59.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016410.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016410.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016410.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.185 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.05 min

Lab File: BM016410.D

Acq: 16 Aug 2018 10:26

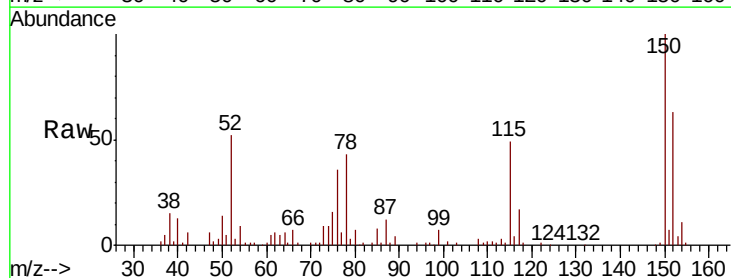
Tgt Ion: 79 Resp: 3751

Ion Ratio Lower Upper

79 100

108 87.2 65.0 97.4

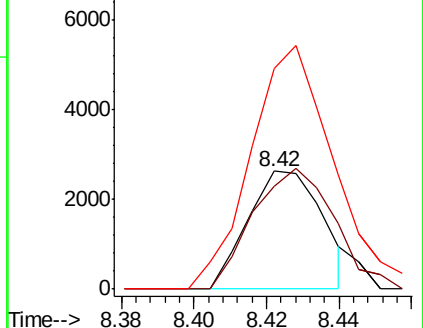
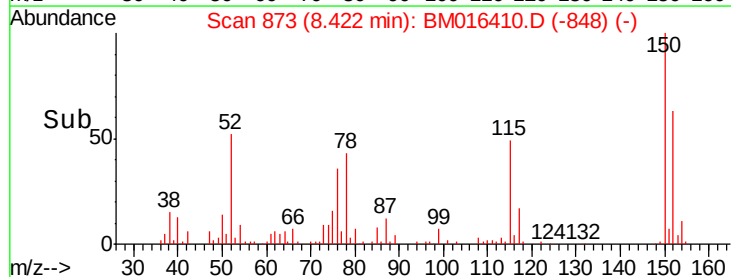
77 186.8 53.0 79.6#

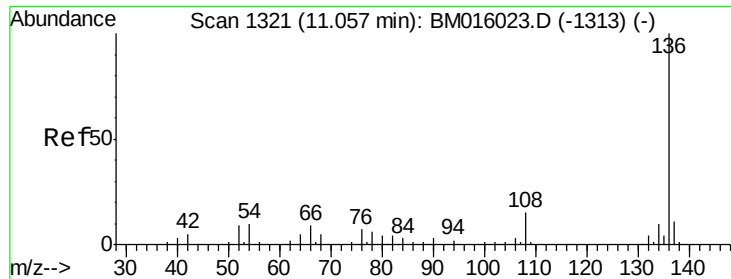


Abundance Ion 79.00 (78.70 to 79.70): BM016410.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016410.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016410.D (-848) (-)

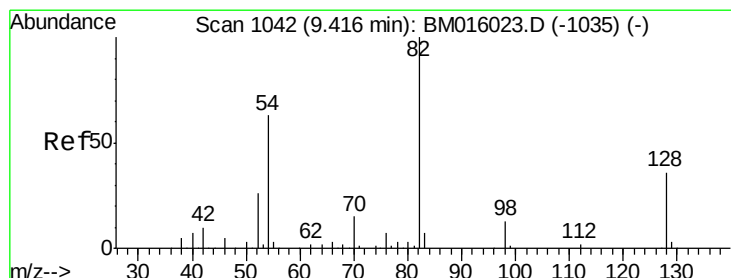
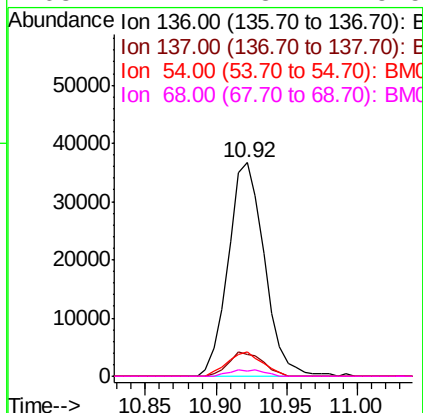
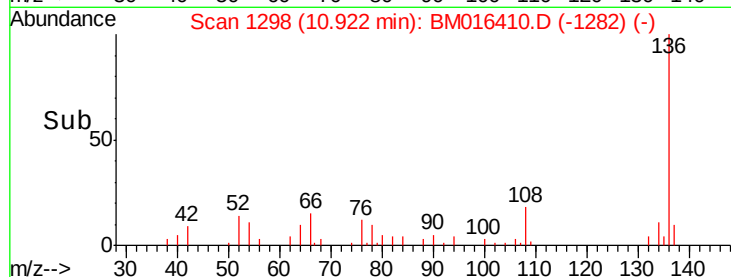
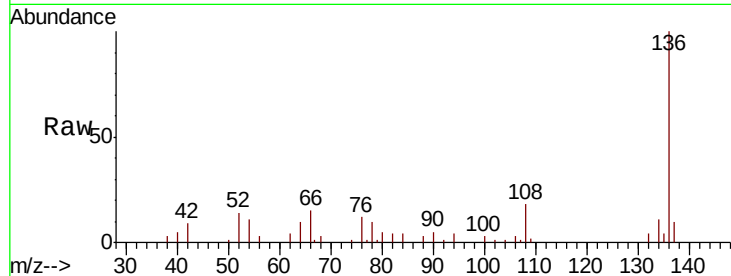




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016410.D
Acq: 16 Aug 2018 10:26

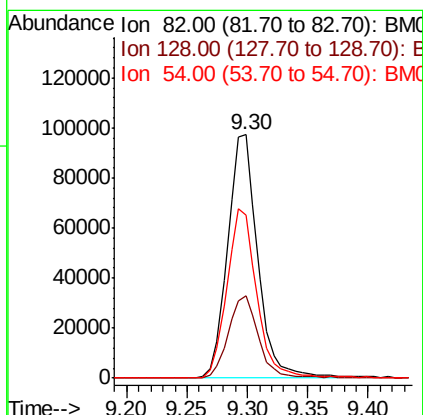
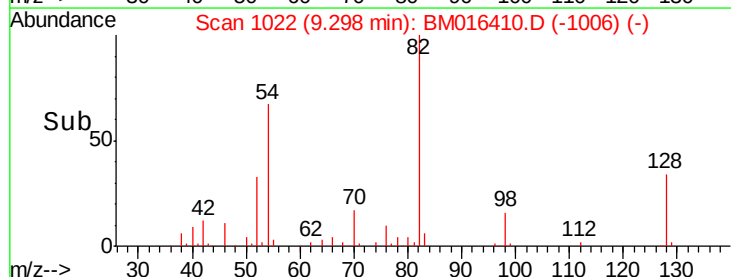
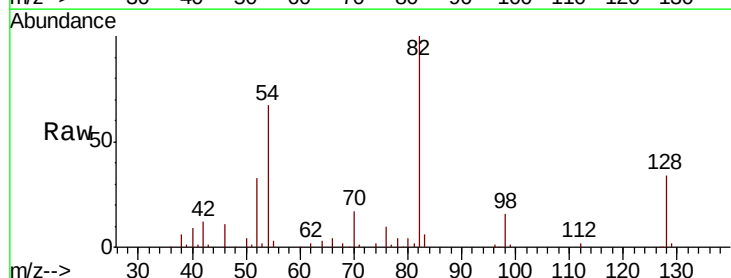
Instrument :
BNA_M
ClientSampleId :

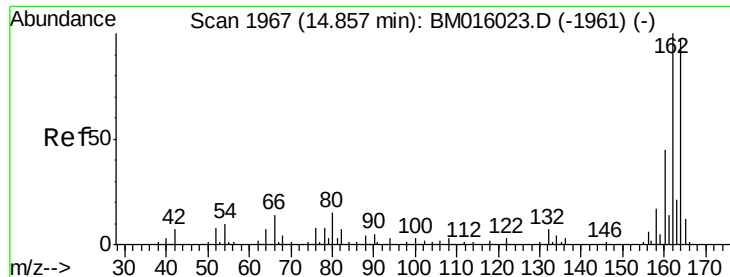
Tot Ion:136 Resp: 65747
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.5 4.6 6.8#
68 2.7 3.7 5.5#



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016410.D
Acq: 16 Aug 2018 10:26

Tgt Ion: 82 Resp: 168948
Ion Ratio Lower Upper
82 100
128 33.9 32.8 49.2
54 67.2 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: BM016410.D

Acq: 16 Aug 2018 10:26

Instrument :

BNA_M

ClientSampleId :

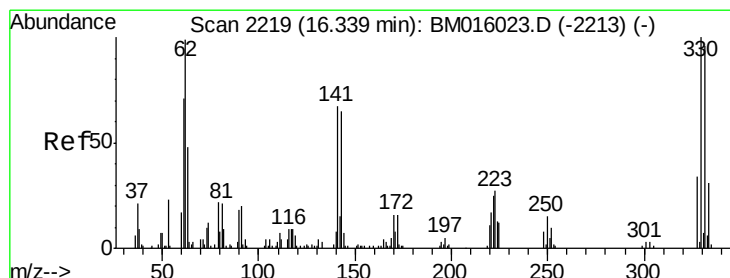
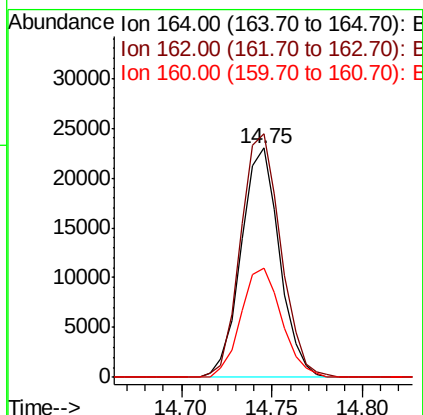
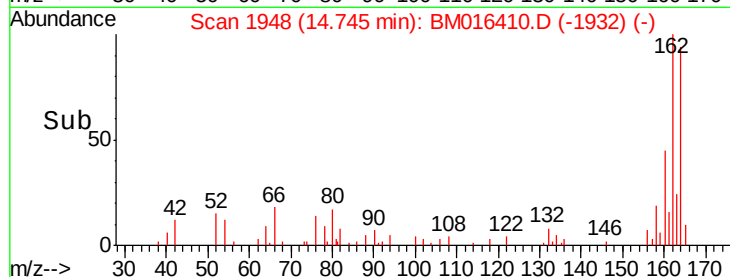
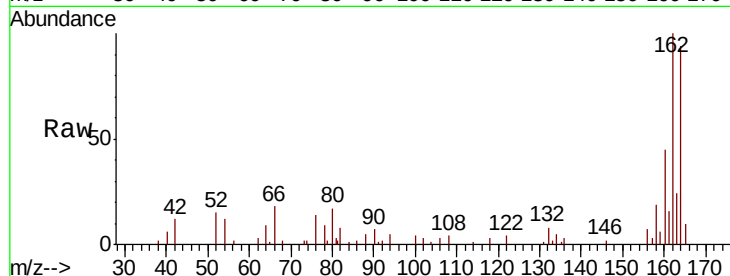
Tot Ion:164 Resp: 33957

Ion Ratio Lower Upper

164 100

162 106.3 82.4 123.6

160 47.7 35.8 53.6



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.23 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BM016410.D

Acq: 16 Aug 2018 10:26

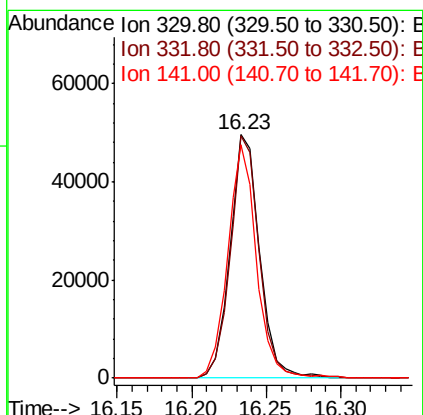
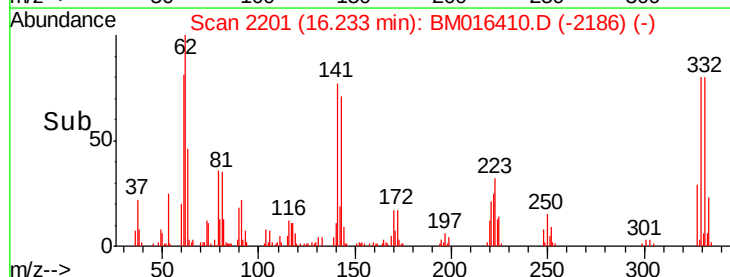
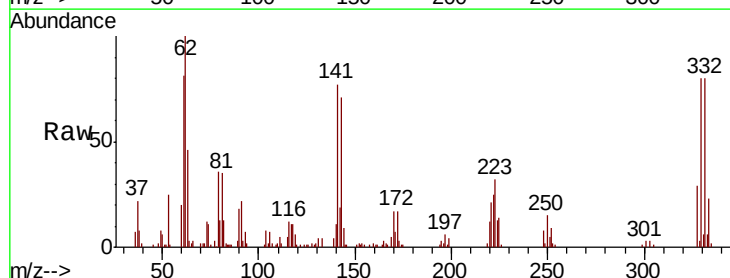
Tgt Ion:330 Resp: 68930

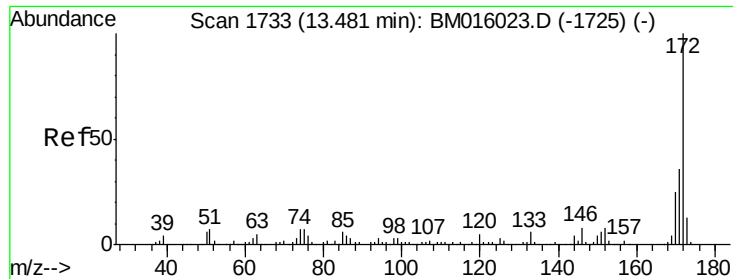
Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

141 93.5 0.0 0.0#

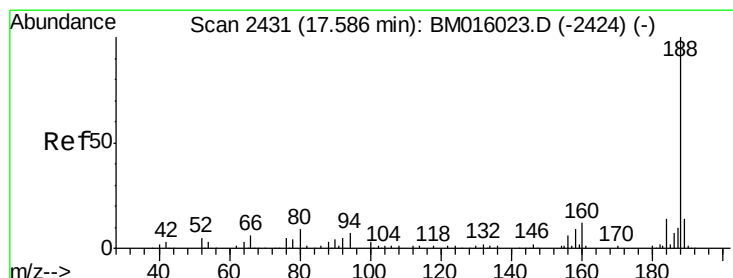
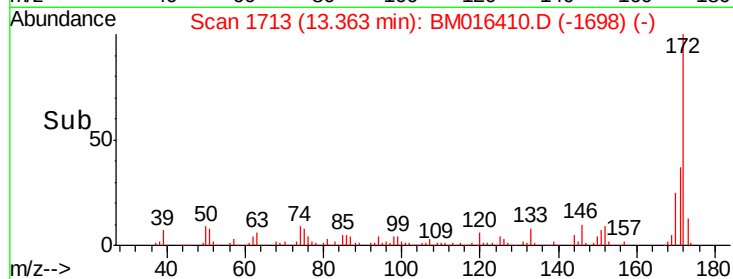
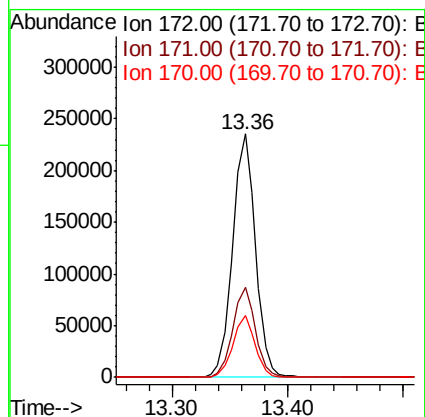
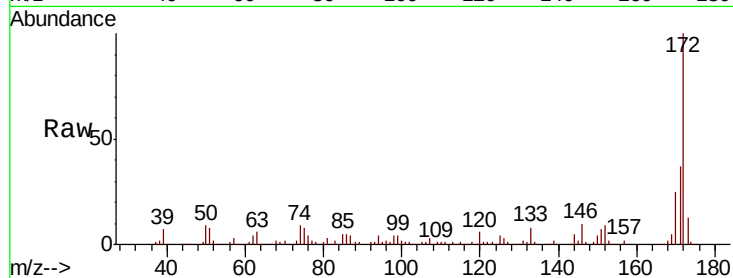




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016410.D
 Acq: 16 Aug 2018 10:26

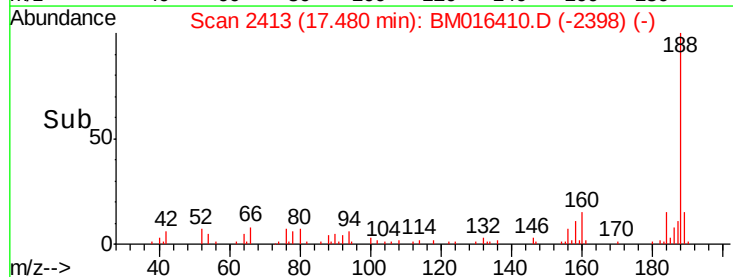
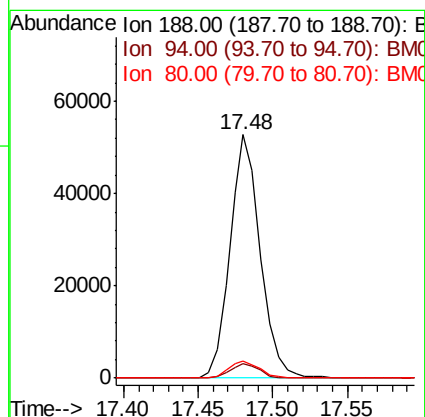
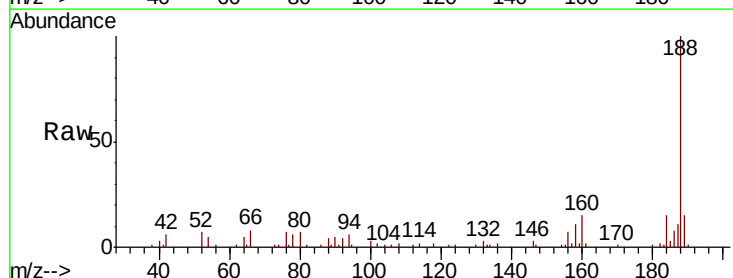
Instrument :
 BNA_M
 ClientSampleId :

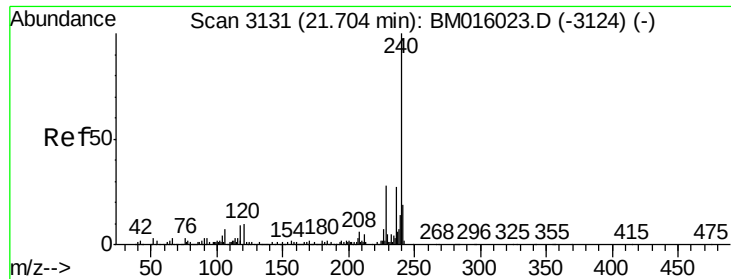
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	25.3	18.8	28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016410.D
 Acq: 16 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	7.3	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: BM016410.D

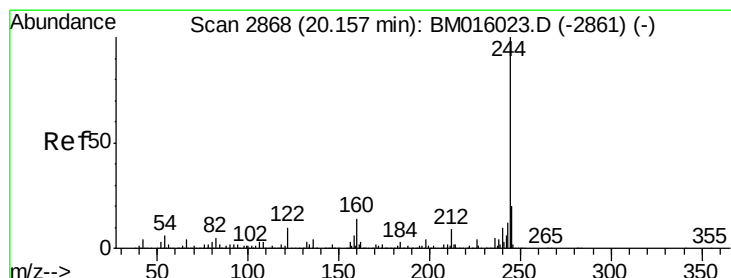
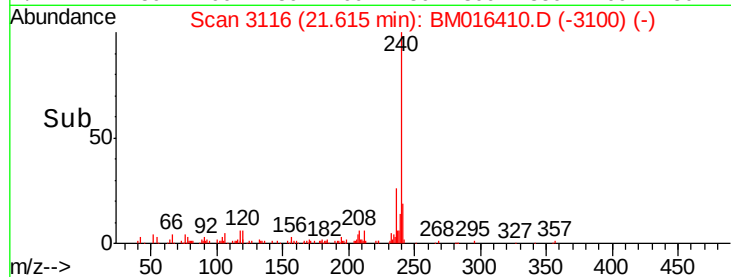
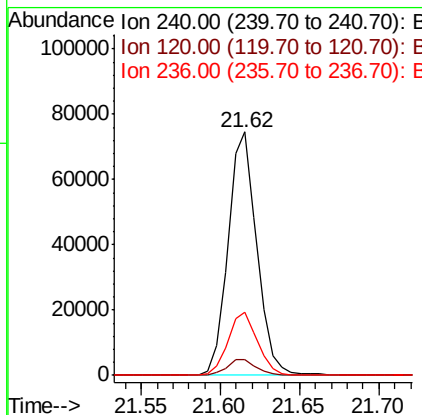
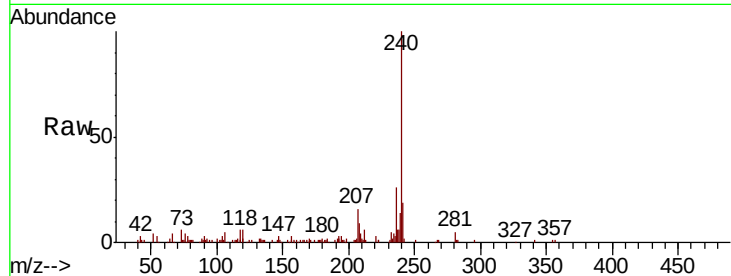
Acq: 16 Aug 2018 10:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.2	12.2#
236	26.1	20.0	30.0



#78

Terphenyl-d14

Concen: Below ng

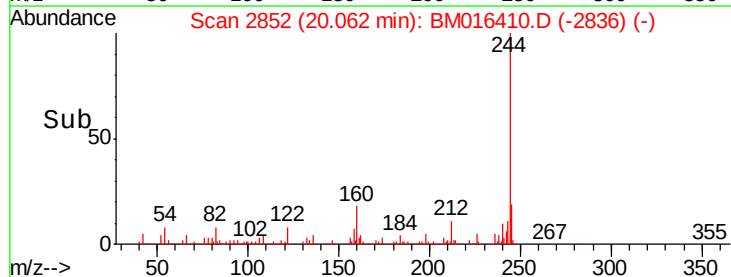
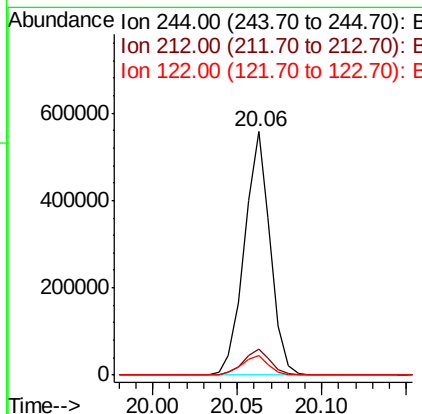
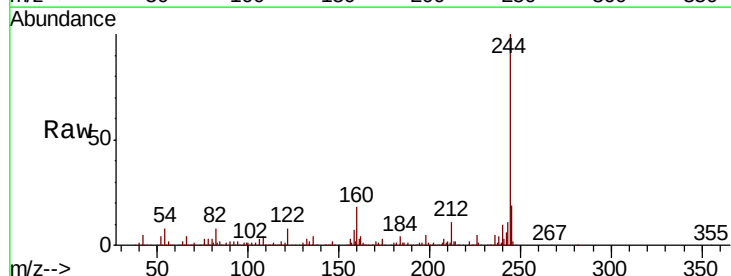
RT: 20.06 min Scan# 2852

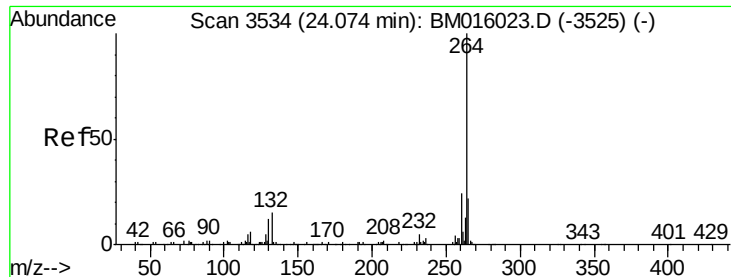
Delta R.T. -0.01 min

Lab File: BM016410.D

Acq: 16 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.8	6.2	9.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BM016410.D
 Acq: 16 Aug 2018 10:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.5	18.6	27.8	
265	24.4	17.3	25.9	

