

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016397.D
 Acq On : 16 Aug 2018 02:35
 Operator : SJ/JU
 Sample : J4471-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 05:10:00 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

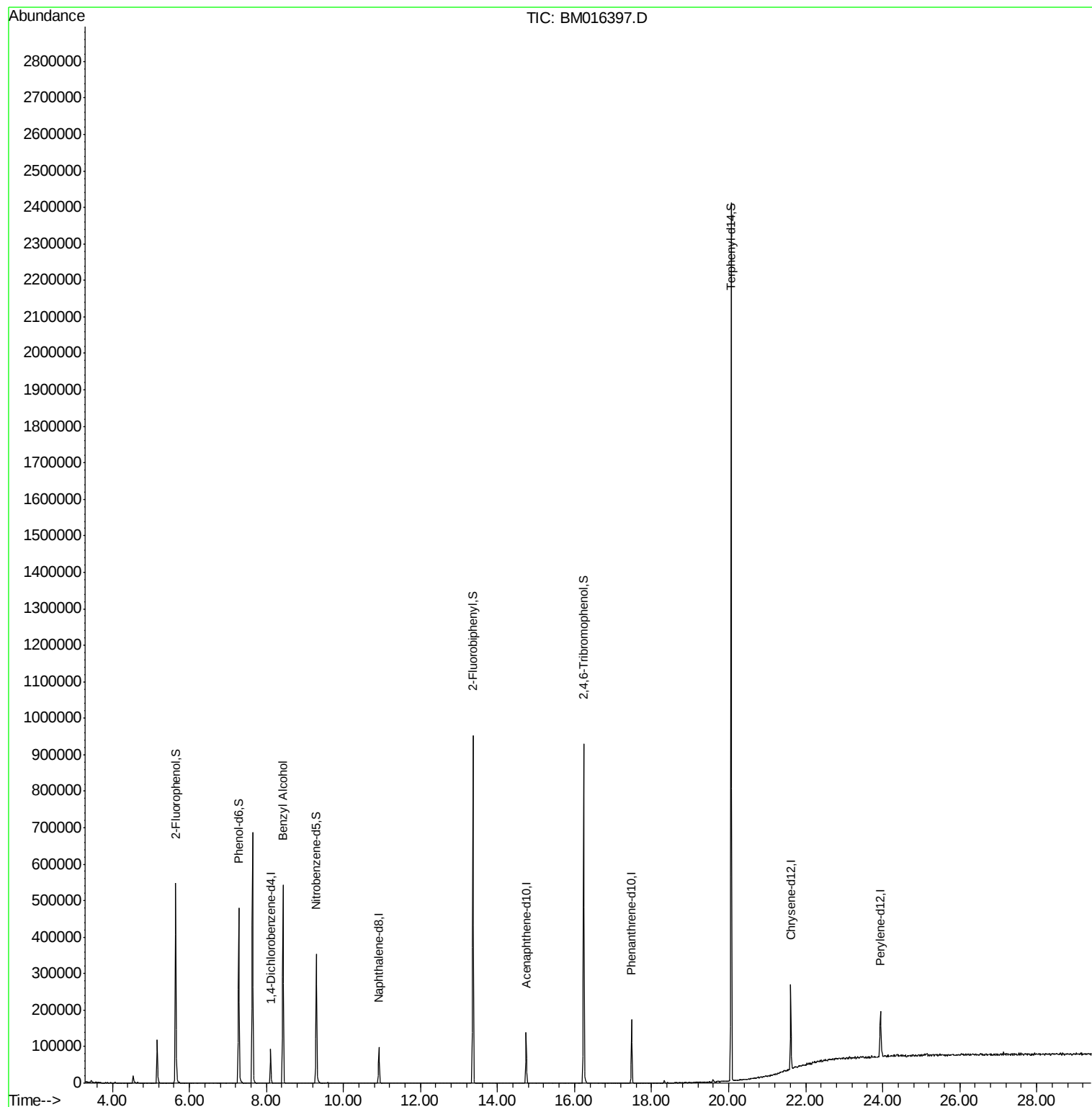
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18554	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	64122	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	34688	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	83304	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	90586	20.00	ng	0.00
86) Perylene-d12	23.94	264	86780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	156651	140.25	ng	0.00
7) Phenol-d6	7.28	99	164400	112.70	ng	0.00
23) Nitrobenzene-d5	9.30	82	166198	120.55	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	82394	187.28	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	335307	117.61	ng	-0.01
78) Terphenyl-d14	20.06	244	736668	170.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.42	79	3868	3.330	ng	Qvalue # 21

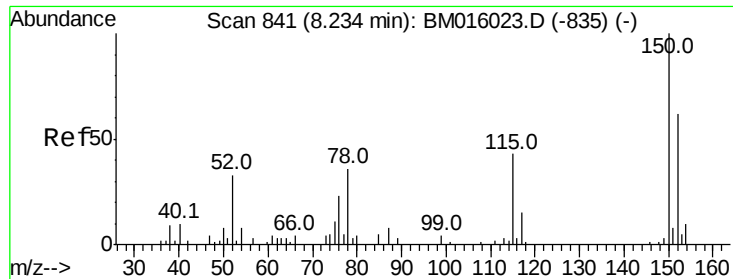
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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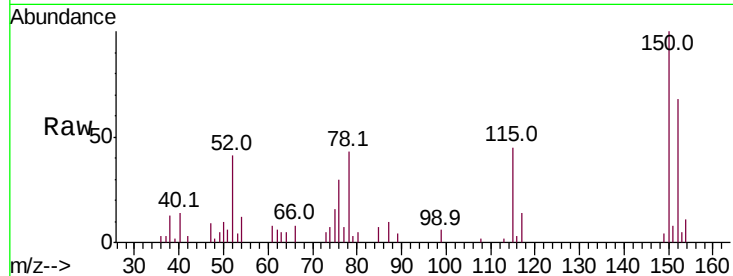


#1

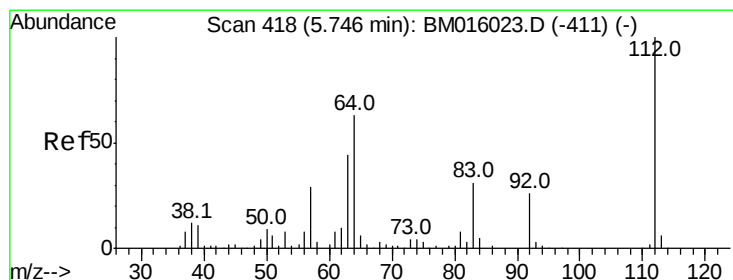
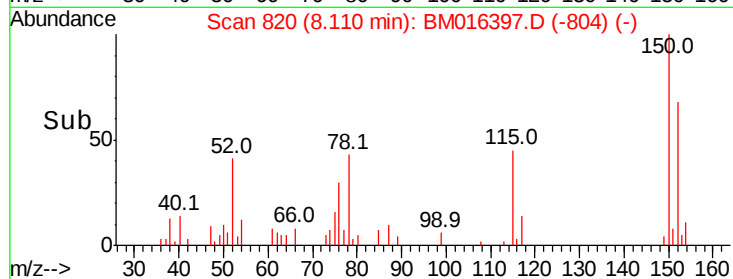
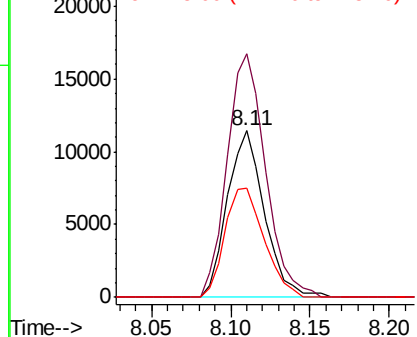
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016397.D
 Acq: 16 Aug 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	119.5	179.3
115	65.6	43.0	64.4



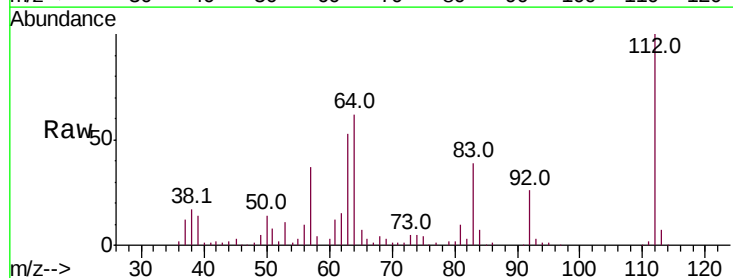
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



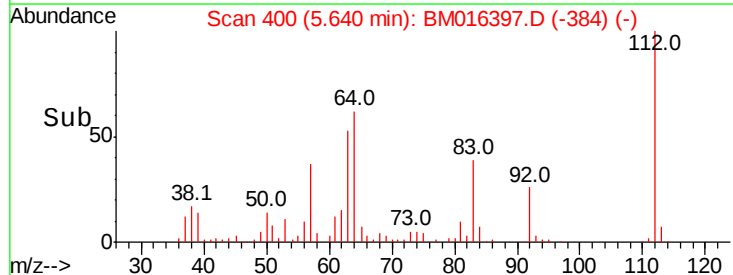
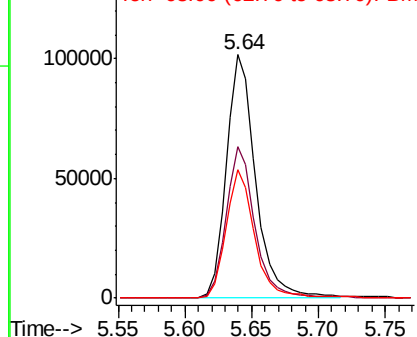
#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BM016397.D
 Acq: 16 Aug 2018 02:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	38.6	57.8
63	52.6	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: BM016397.D

Acq: 16 Aug 2018 02:35

Instrument :

BNA_M

ClientSampleId :

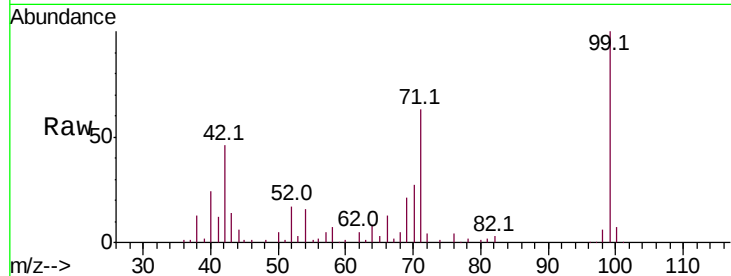
Tot Ion: 99 Resp: 164400

Ion Ratio Lower Upper

99 100

42 45.9 11.0 16.4#

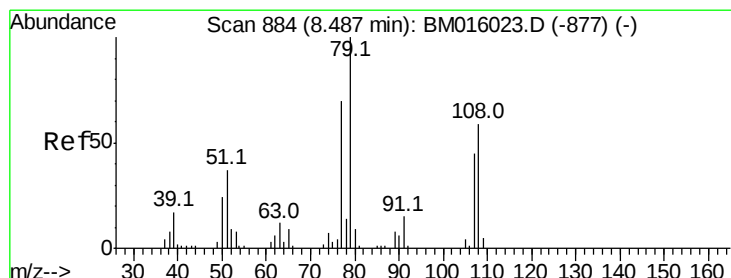
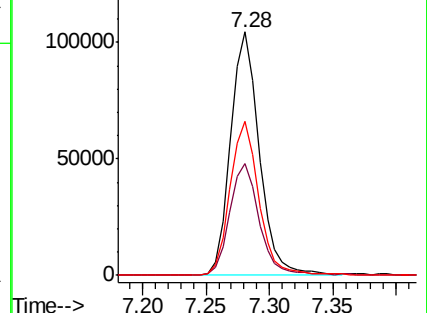
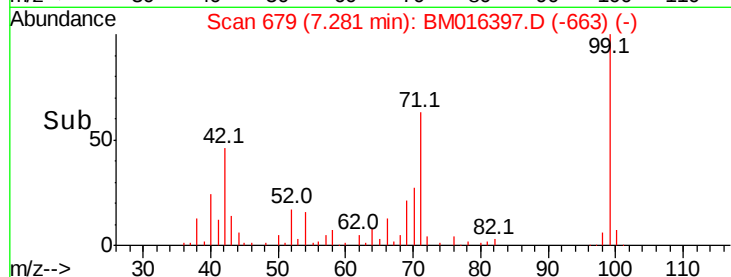
71 63.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016397.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016397.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016397.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.330 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.05 min

Lab File: BM016397.D

Acq: 16 Aug 2018 02:35

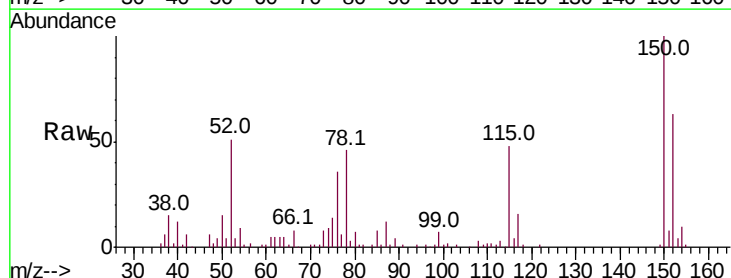
Tgt Ion: 79 Resp: 3868

Ion Ratio Lower Upper

79 100

108 88.6 65.0 97.4

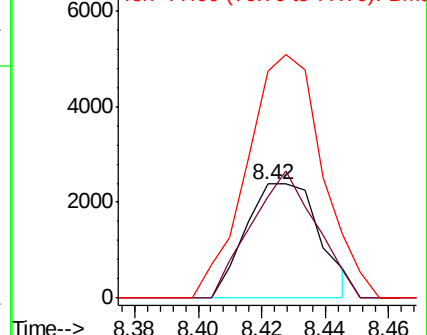
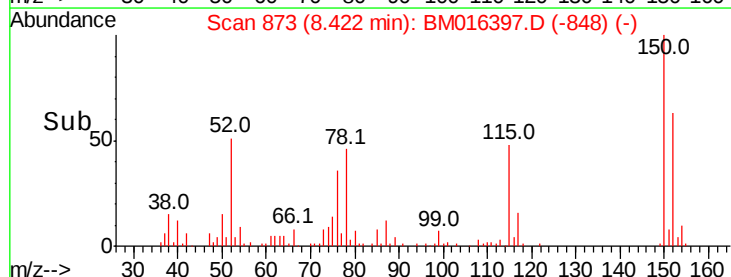
77 198.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016397.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016397.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016397.D (-848) (-)

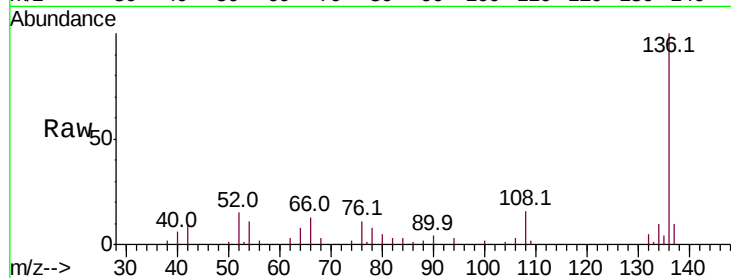




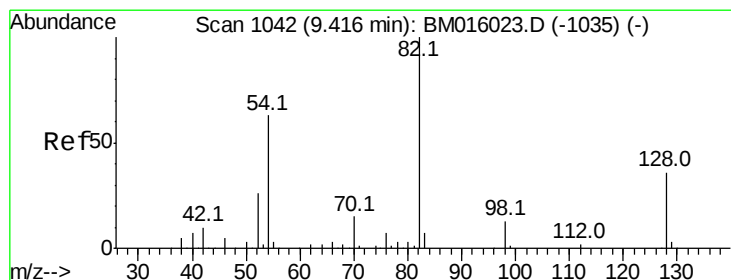
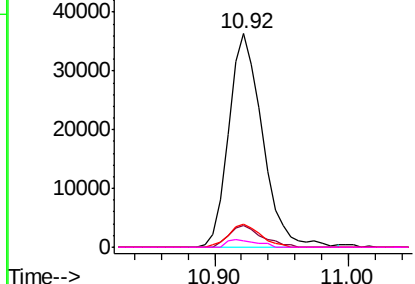
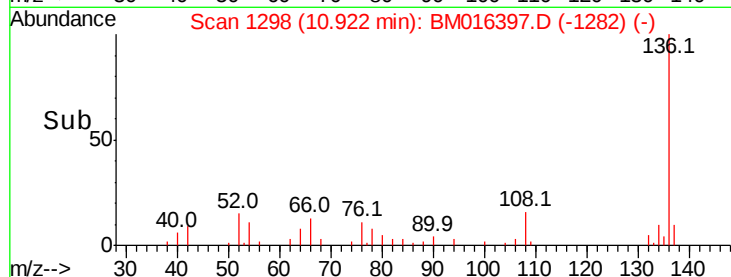
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016397.D
Acq: 16 Aug 2018 02:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 64122
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 10.9 4.6 6.8#
68 2.9 3.7 5.5#

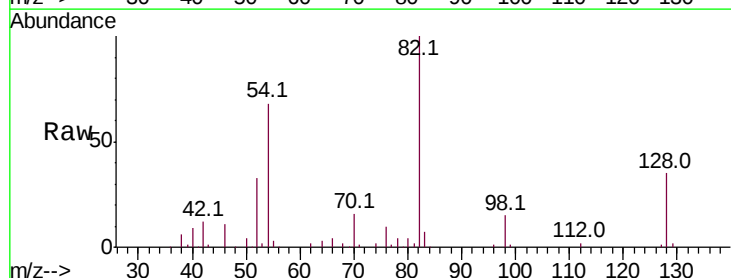


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

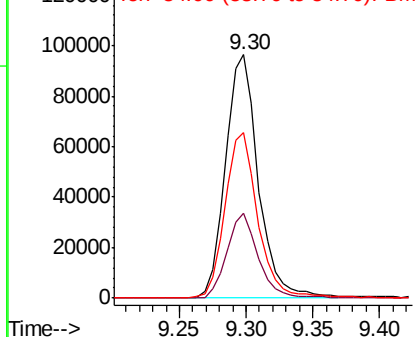
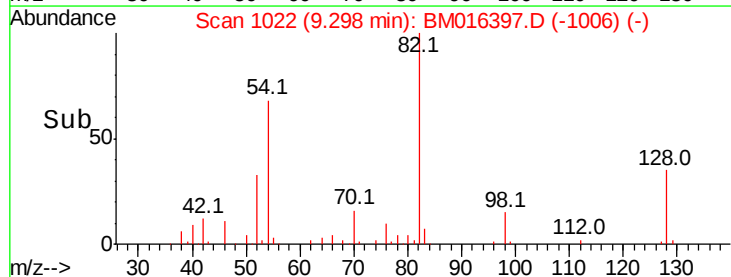


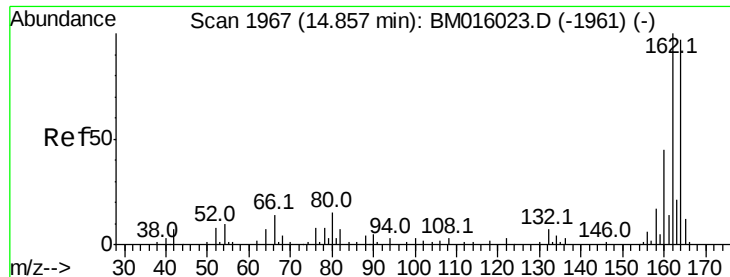
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016397.D
Acq: 16 Aug 2018 02:35

Tgt Ion: 82 Resp: 166198
Ion Ratio Lower Upper
82 100
128 35.0 32.8 49.2
54 68.0 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: BM016397.D

Acq: 16 Aug 2018 02:35

Instrument :

BNA_M

ClientSampleId :

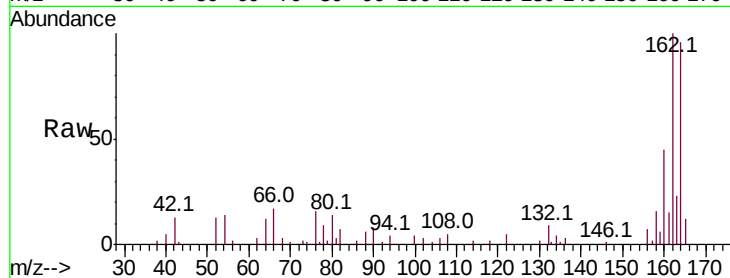
Tot Ion:164 Resp: 34688

Ion Ratio Lower Upper

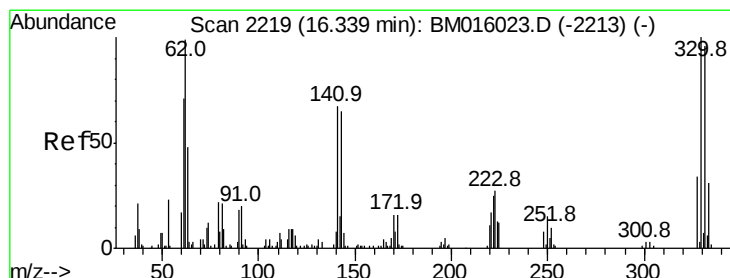
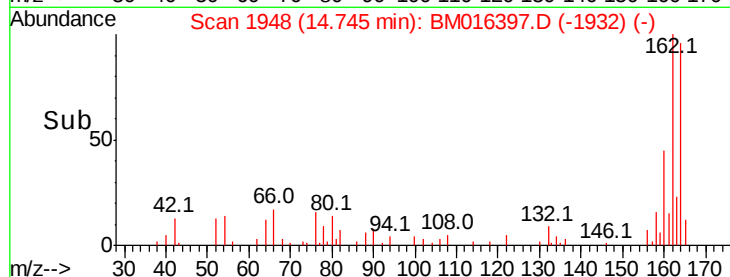
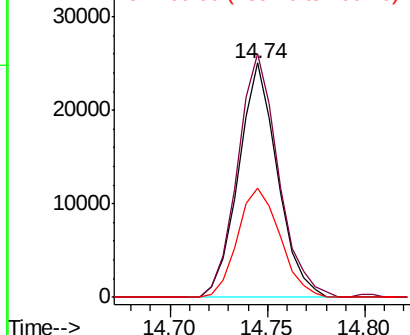
164 100

162 104.0 82.4 123.6

160 46.5 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: BM016397.D

Acq: 16 Aug 2018 02:35

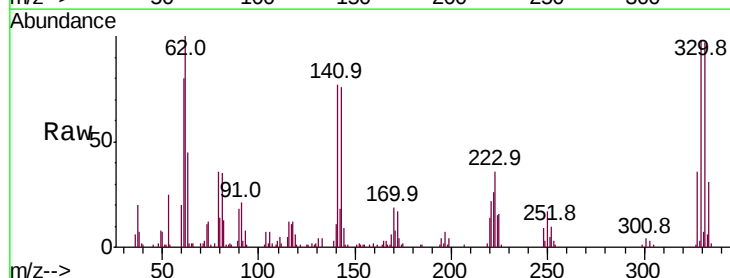
Tgt Ion:330 Resp: 82394

Ion Ratio Lower Upper

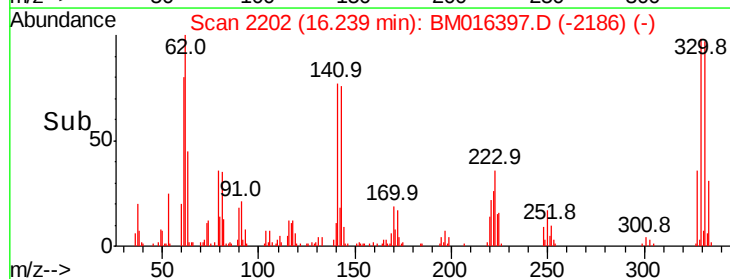
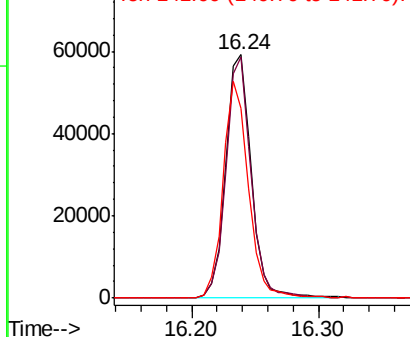
330 100

332 96.5 0.0 0.0#

141 88.4 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

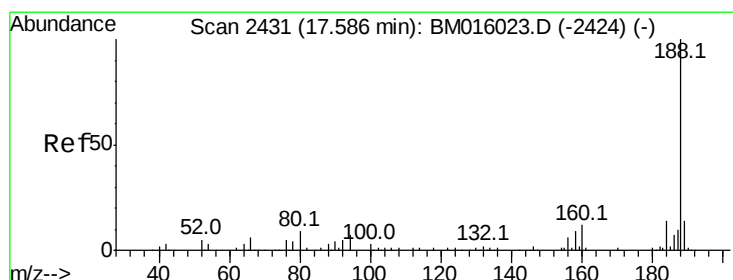
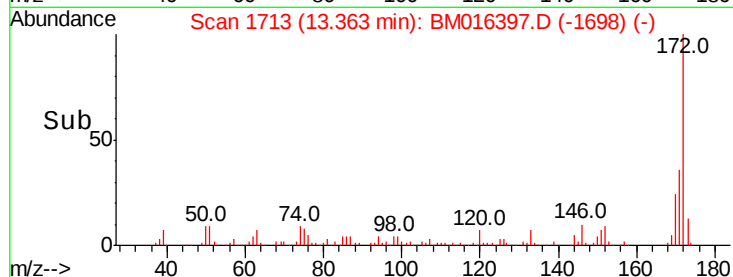
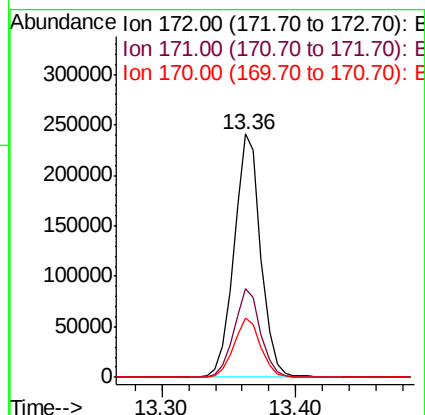
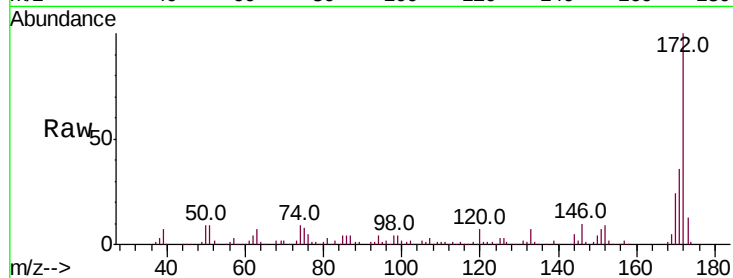




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016397.D
 Acq: 16 Aug 2018 02:35

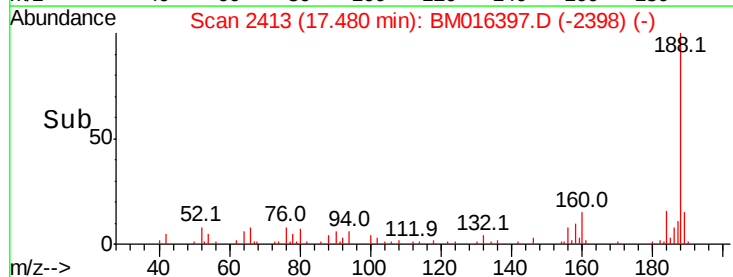
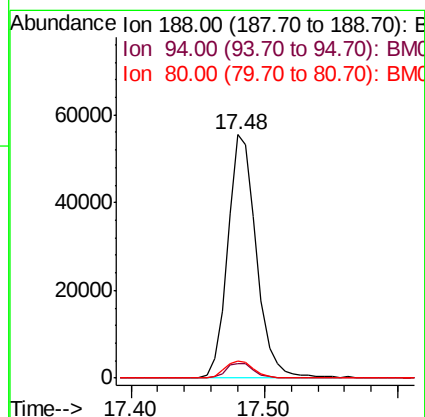
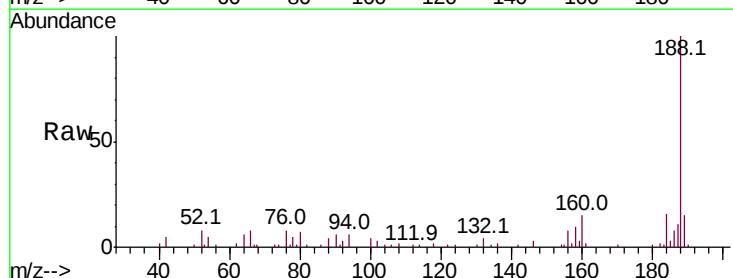
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 335307
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.4 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: BM016397.D
 Acq: 16 Aug 2018 02:35

Tgt Ion:188 Resp: 83304
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.7 13.1#
 80 6.8 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: BM016397.D

Acq: 16 Aug 2018 02:35

Instrument :

BNA_M

ClientSampleId :

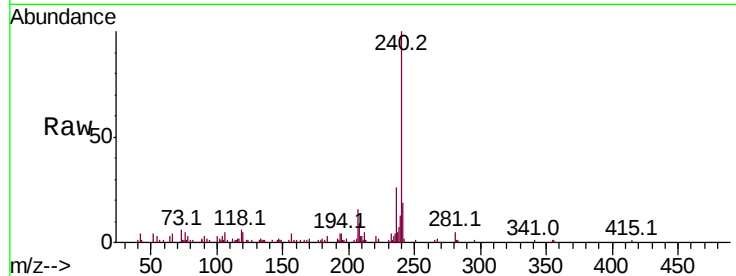
Tot Ion:240 Resp: 90586

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

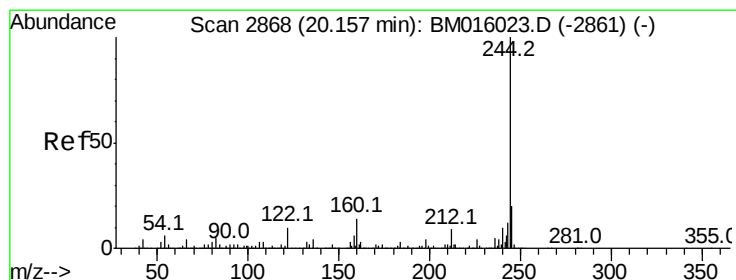
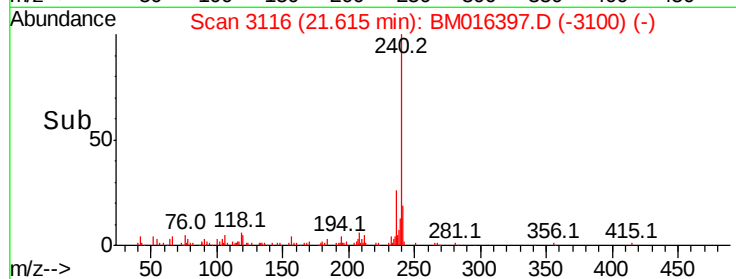
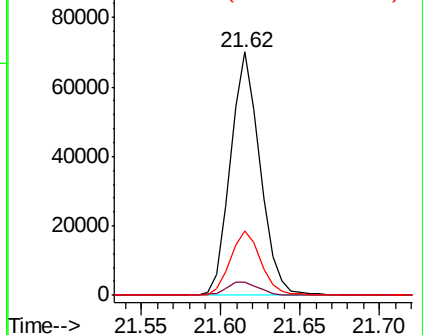
236 26.2 20.0 30.0



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: BM016397.D

Acq: 16 Aug 2018 02:35

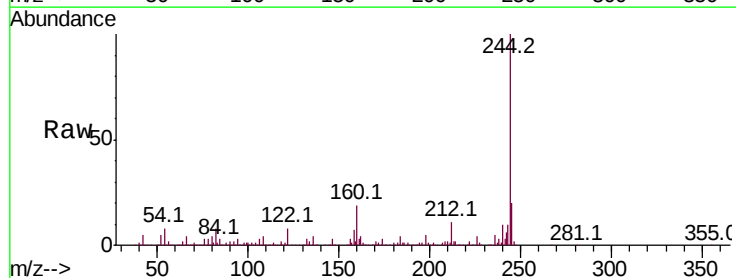
Tgt Ion:244 Resp: 736668

Ion Ratio Lower Upper

244 100

212 10.9 4.9 7.3#

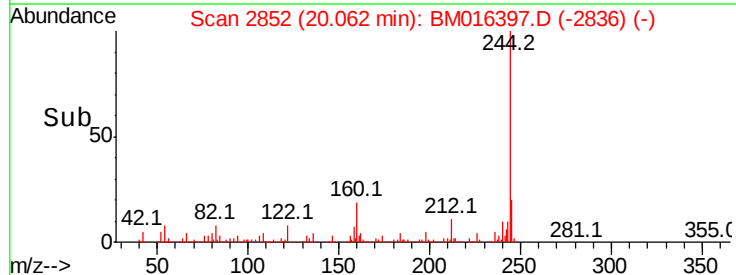
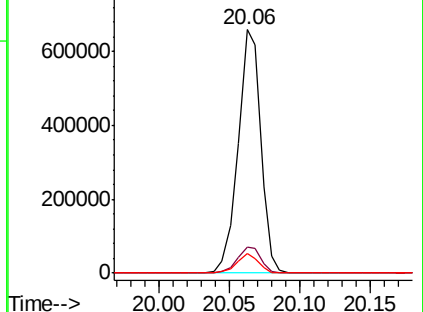
122 8.1 6.2 9.4

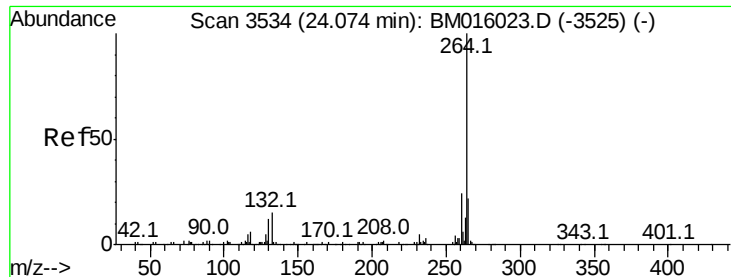


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BM016397.D
Acq: 16 Aug 2018 02:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	23.2	17.3	25.9

