

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016512.D
 Acq On : 22 Aug 2018 09:47
 Operator : SJ/JU
 Sample : J4275-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 11:32:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

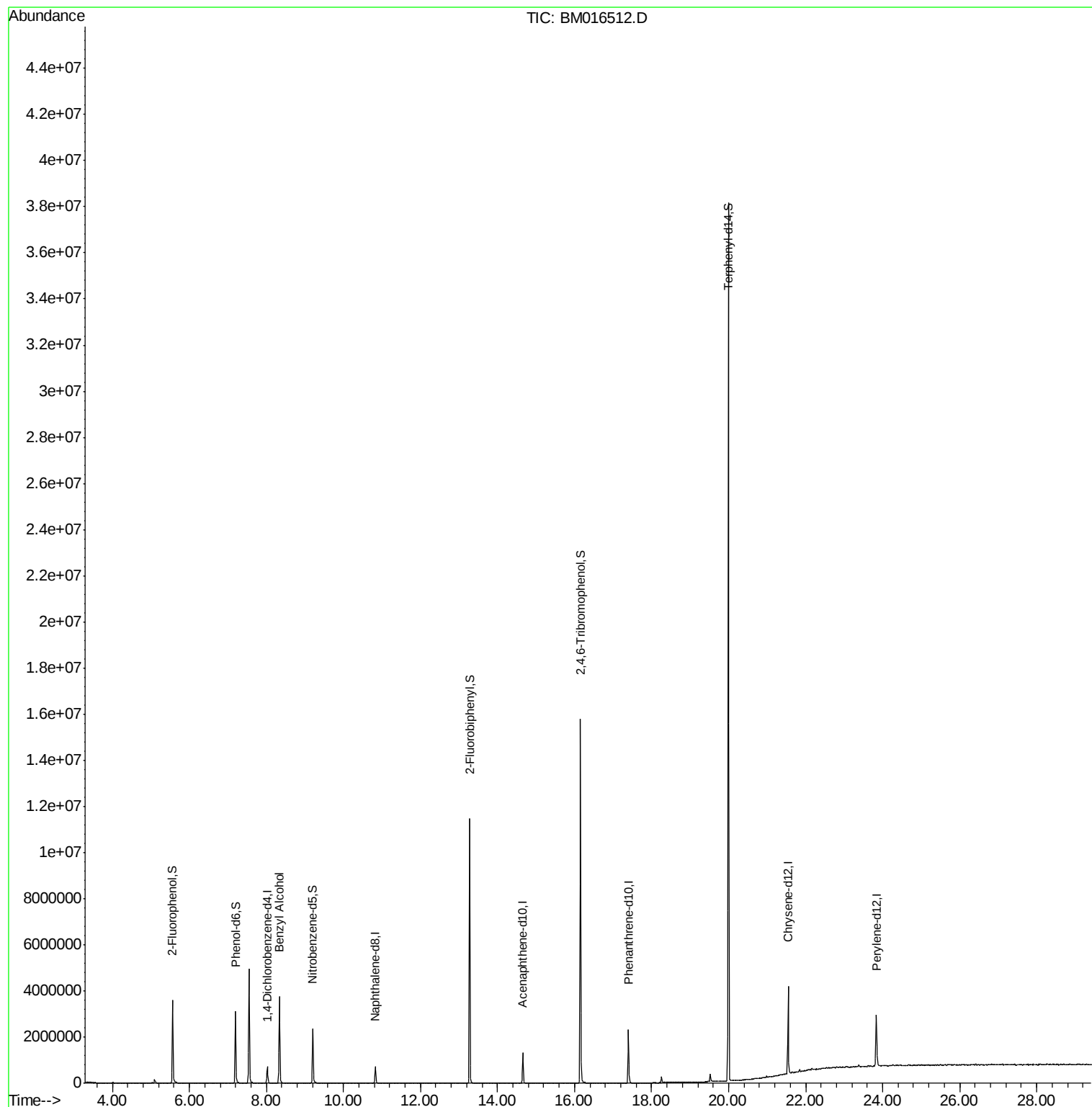
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	165346	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	502772	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	394546	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1390624	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1718785	20.00	ng	0.00
86) Perylene-d12	23.83	264	1737195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1170716	138.75	ng	0.00
7) Phenol-d6	7.20	99	1228624	110.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	1320031	119.88	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2821131	255.79	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	5242601	127.72	ng	0.00
78) Terphenyl-d14	19.99	244	11928722	146.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	26634	2.569	ng	Qvalue # 1

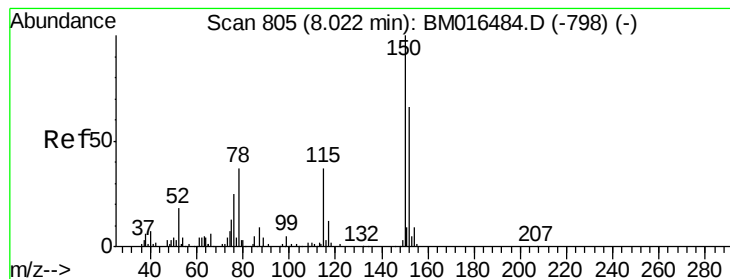
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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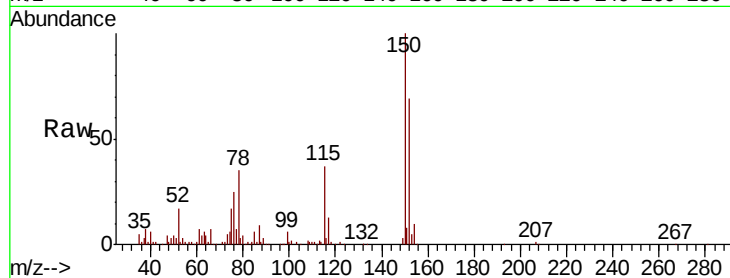


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016512.D
Acq: 22 Aug 2018 09:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	52.9	43.0	64.4

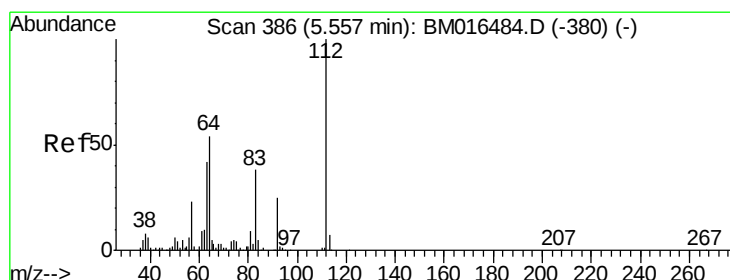
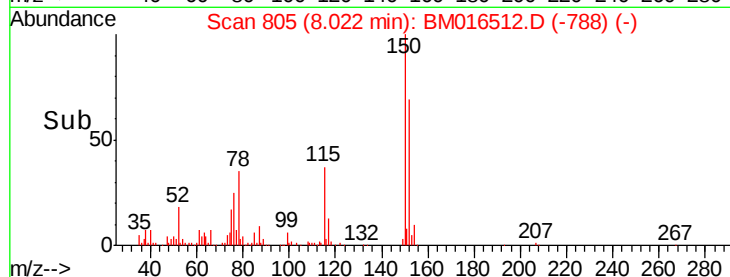
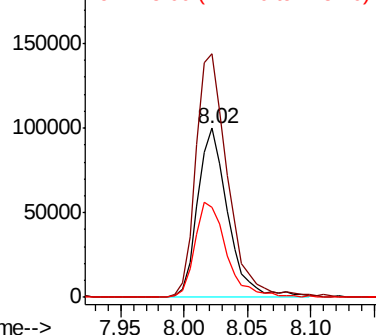


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

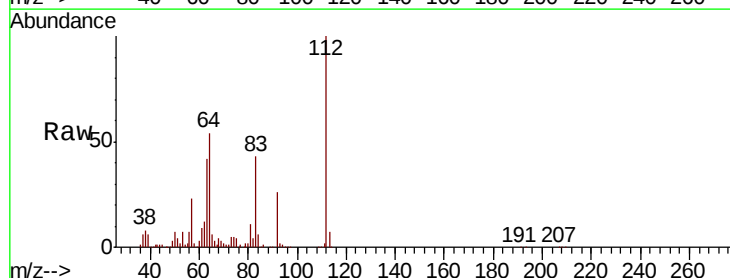
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016512.D
Acq: 22 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	38.6	57.8
63	42.1	19.3	28.9

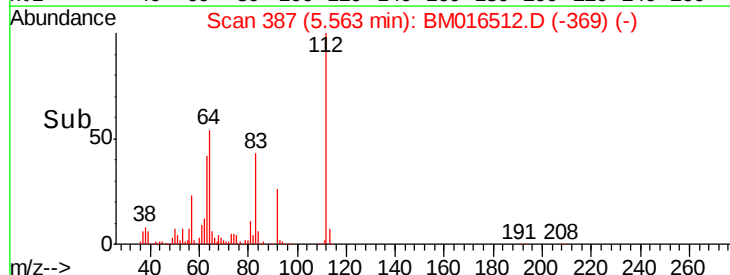
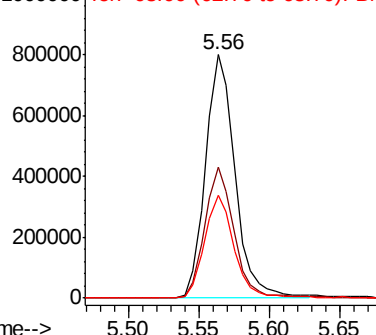


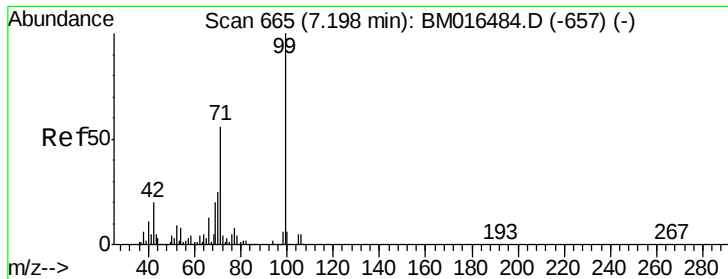
Abundance

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: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

Instrument :

BNA_M

ClientSampled :

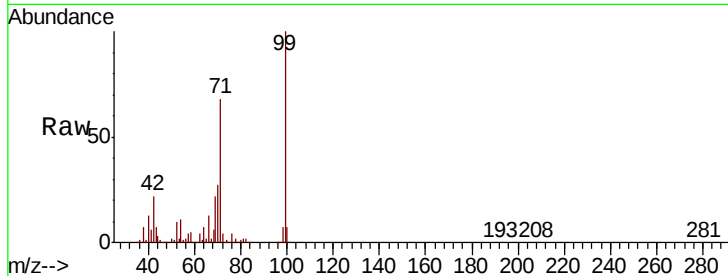
Tot Ion: 99 Resp: 1228624

Ion Ratio Lower Upper

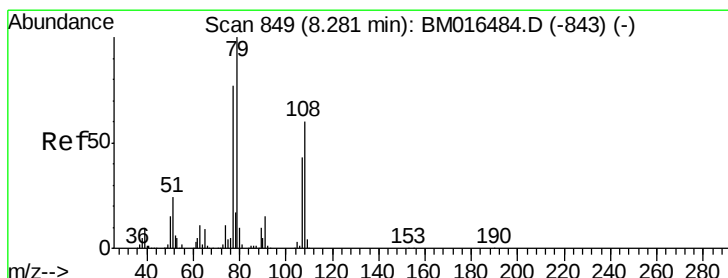
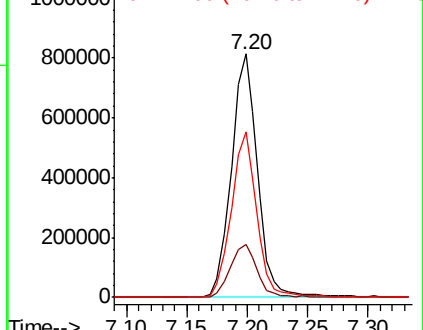
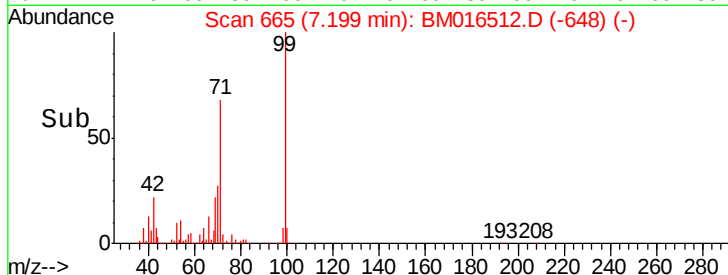
99 100

42 22.0 11.0 16.4#

71 67.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016512.D (-648) (-)



#15

Benzyl Alcohol

Concen: 2.569 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

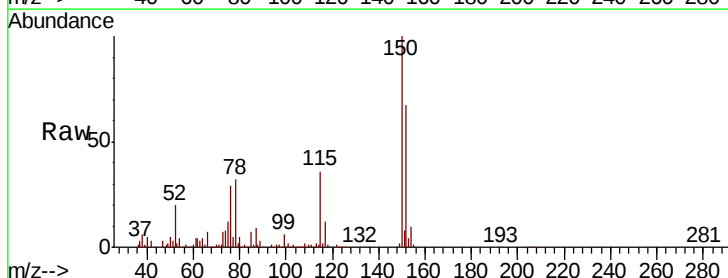
Tgt Ion: 79 Resp: 26634

Ion Ratio Lower Upper

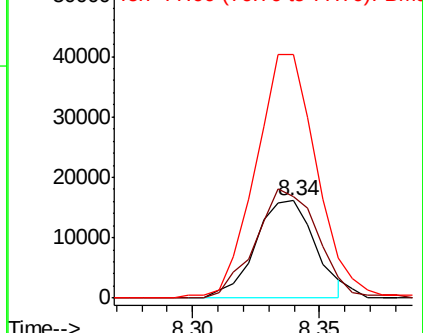
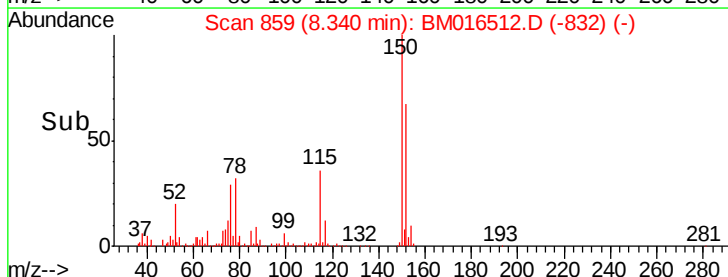
79 100

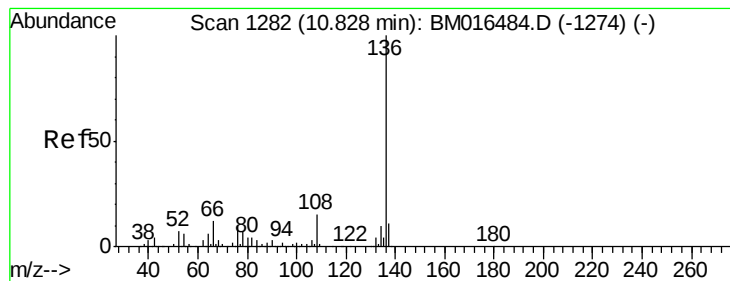
108 104.4 65.0 97.4#

77 250.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016512.D (-832) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 502772

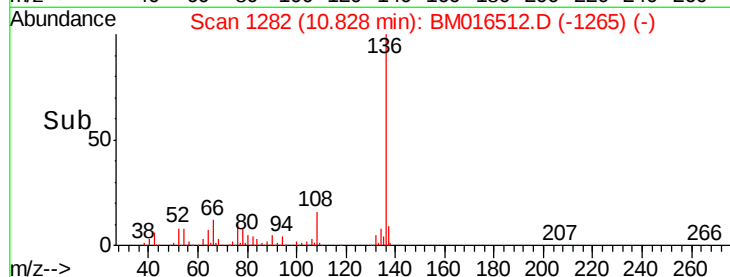
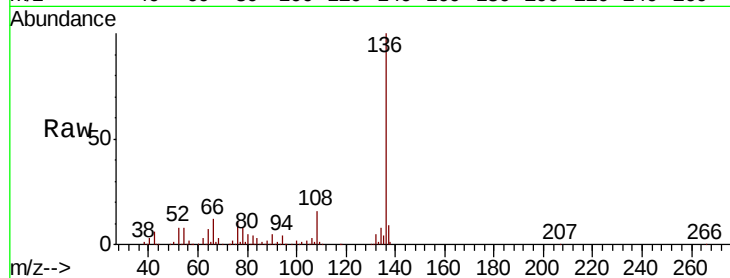
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 7.5 4.6 6.8#

68 3.1 3.7 5.5#

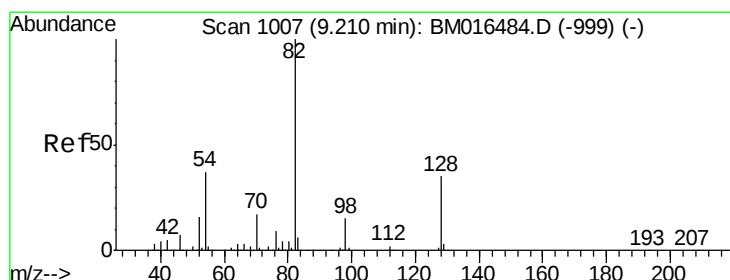
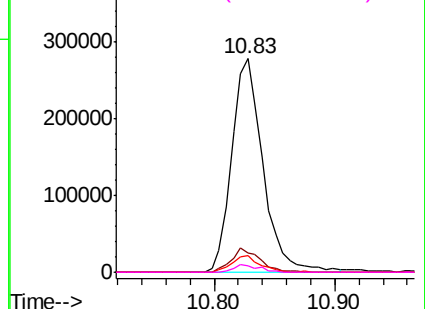


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

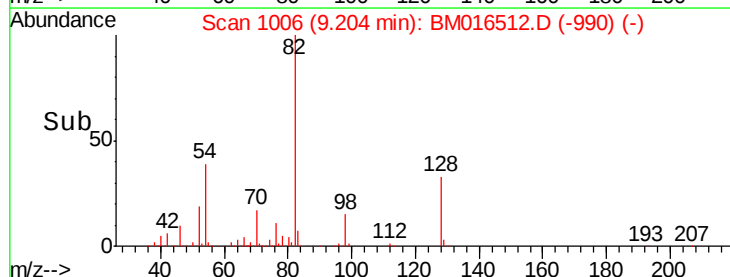
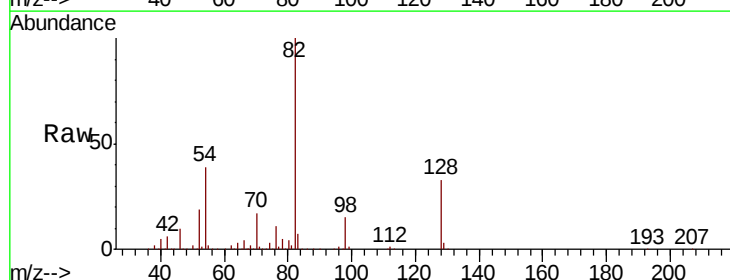
Tgt Ion: 82 Resp: 1320031

Ion Ratio Lower Upper

82 100

128 32.6 32.8 49.2#

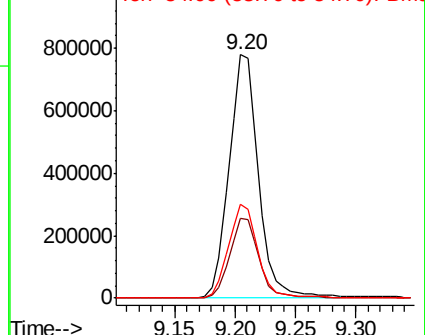
54 38.5 40.6 60.8#



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: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

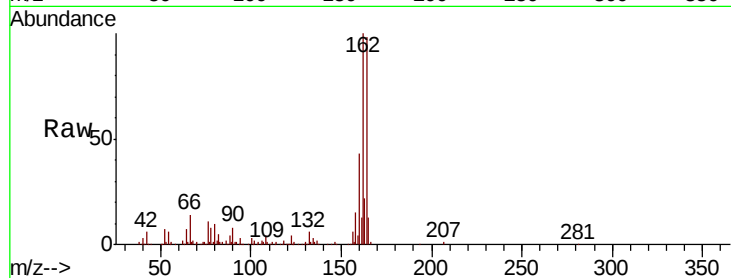
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 394546

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	44.2	35.8	53.6

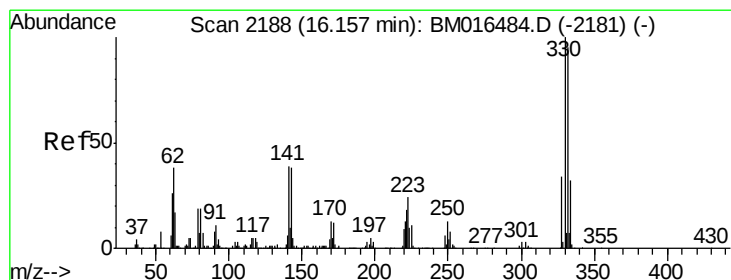
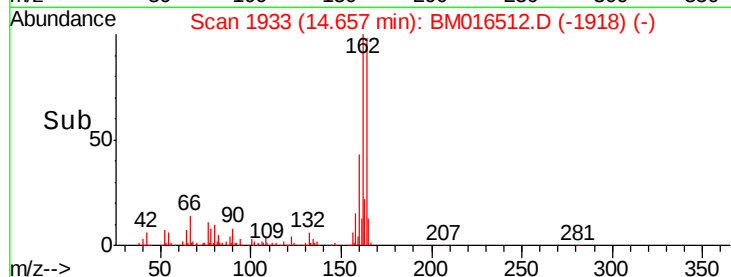
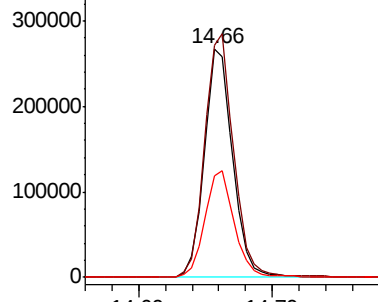


Abundance

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: 16.16 min Scan# 2188

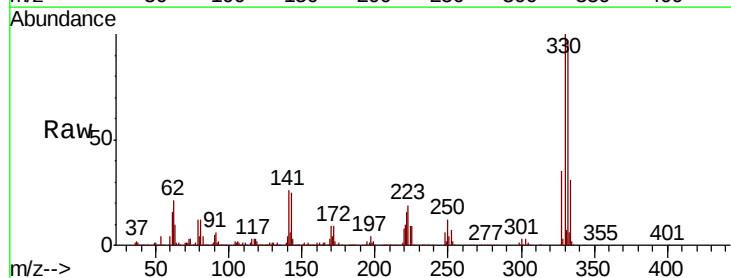
Delta R.T. 0.00 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

Tgt Ion:330 Resp: 2821131

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	29.9	0.0	0.0#

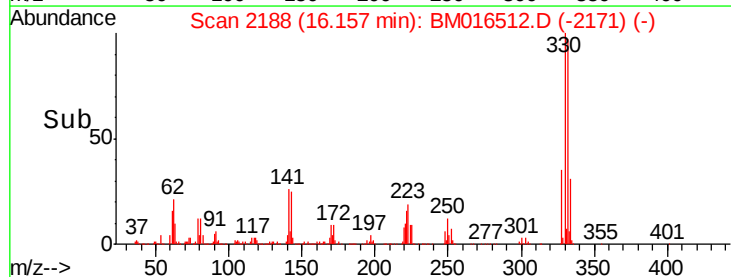
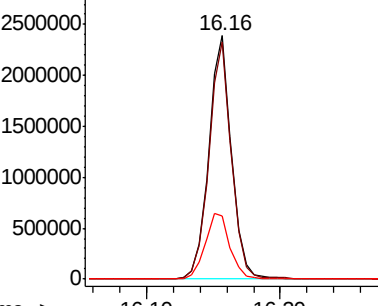


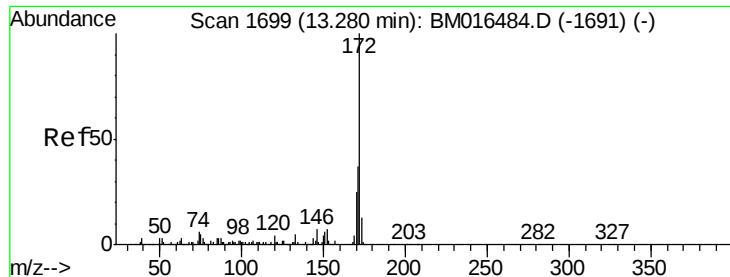
Abundance

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

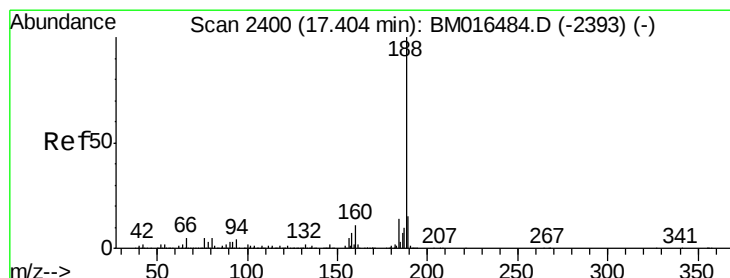
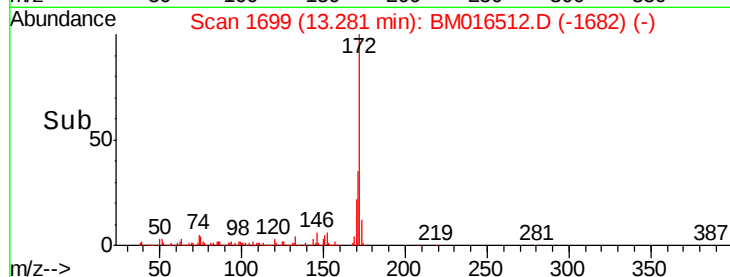
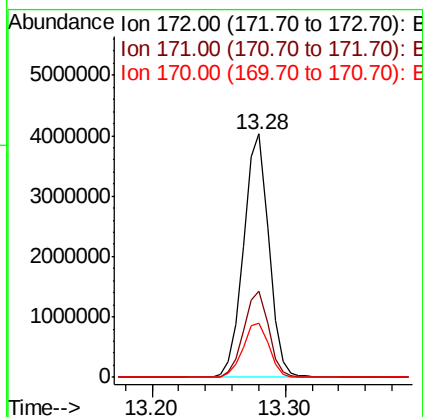
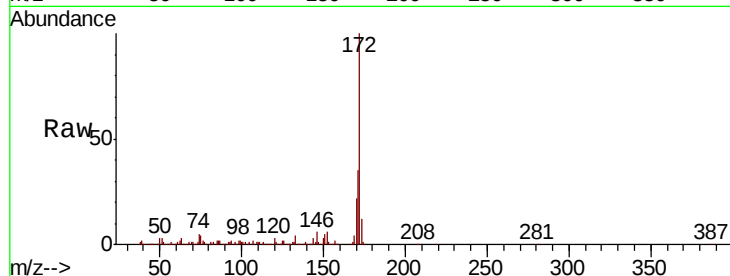




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016512.D
Acq: 22 Aug 2018 09:47

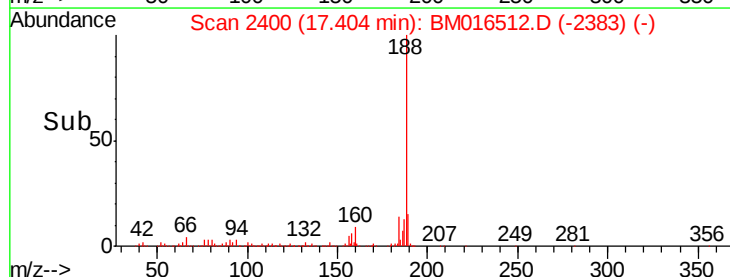
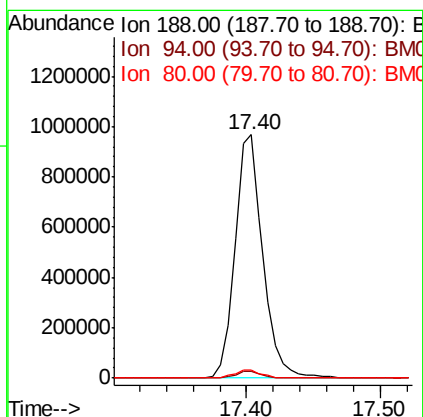
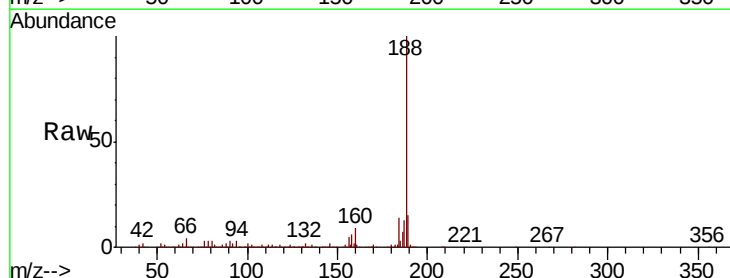
Instrument :
BNA_M
ClientSampled :

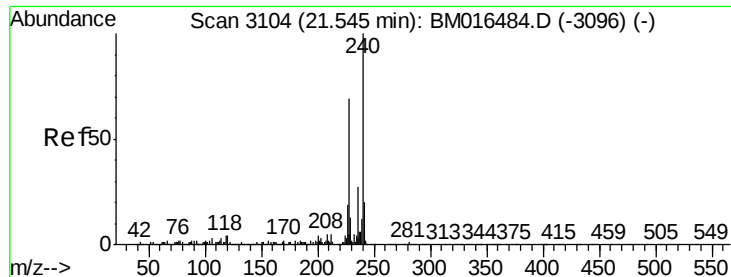
Tot Ion:172 Resp: 5242601
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.5 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016512.D
Acq: 22 Aug 2018 09:47

Tgt Ion:188 Resp: 1390624
Ion Ratio Lower Upper
188 100
94 2.6 8.7 13.1#
80 3.2 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

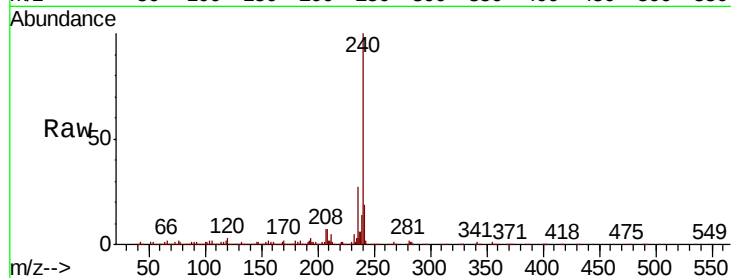
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1718785

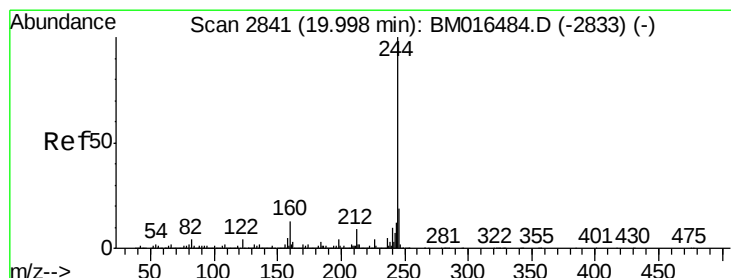
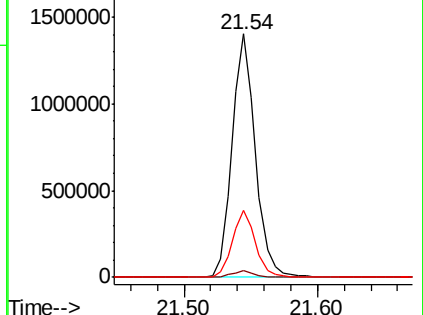
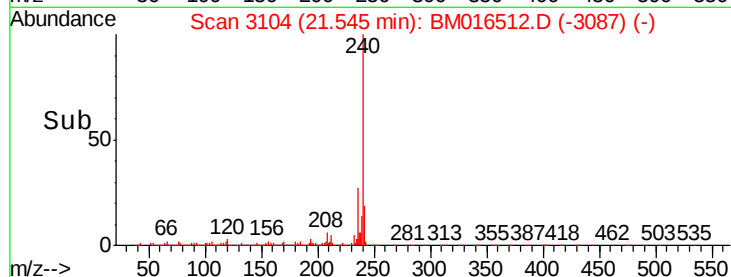
Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	27.4	20.0	30.0



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: 19.99 min Scan# 2840

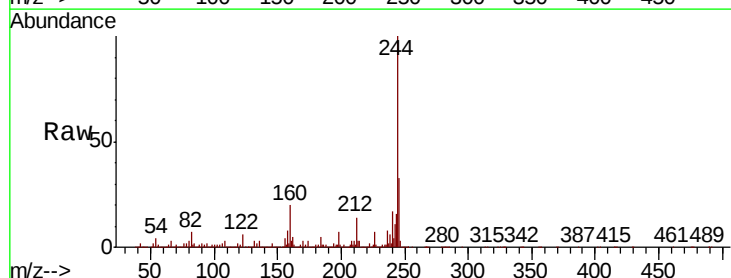
Delta R.T. -0.01 min

Lab File: BM016512.D

Acq: 22 Aug 2018 09:47

Tgt Ion:244 Resp:11928722

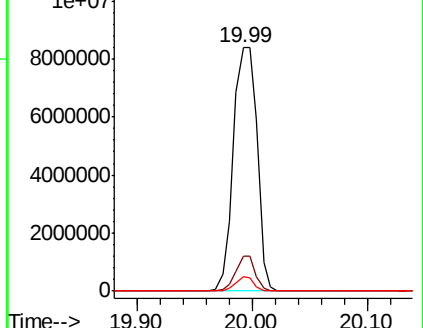
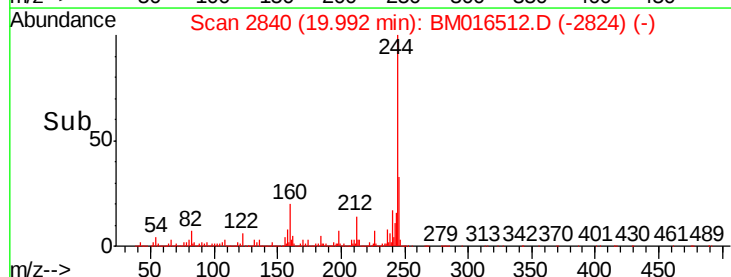
Ion	Ratio	Lower	Upper
244	100		
212	14.4	4.9	7.3#
122	6.0	6.2	9.4#

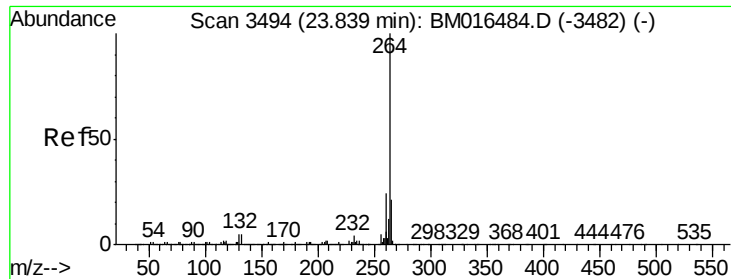


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016512.D
Acq: 22 Aug 2018 09:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1737195

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	22.1	17.3	25.9

