

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016530.D
 Acq On : 22 Aug 2018 22:10
 Operator : SJ/JU
 Sample : J4525-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081518-DBRI-E-D-B

Quant Time: Aug 23 03:51:51 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

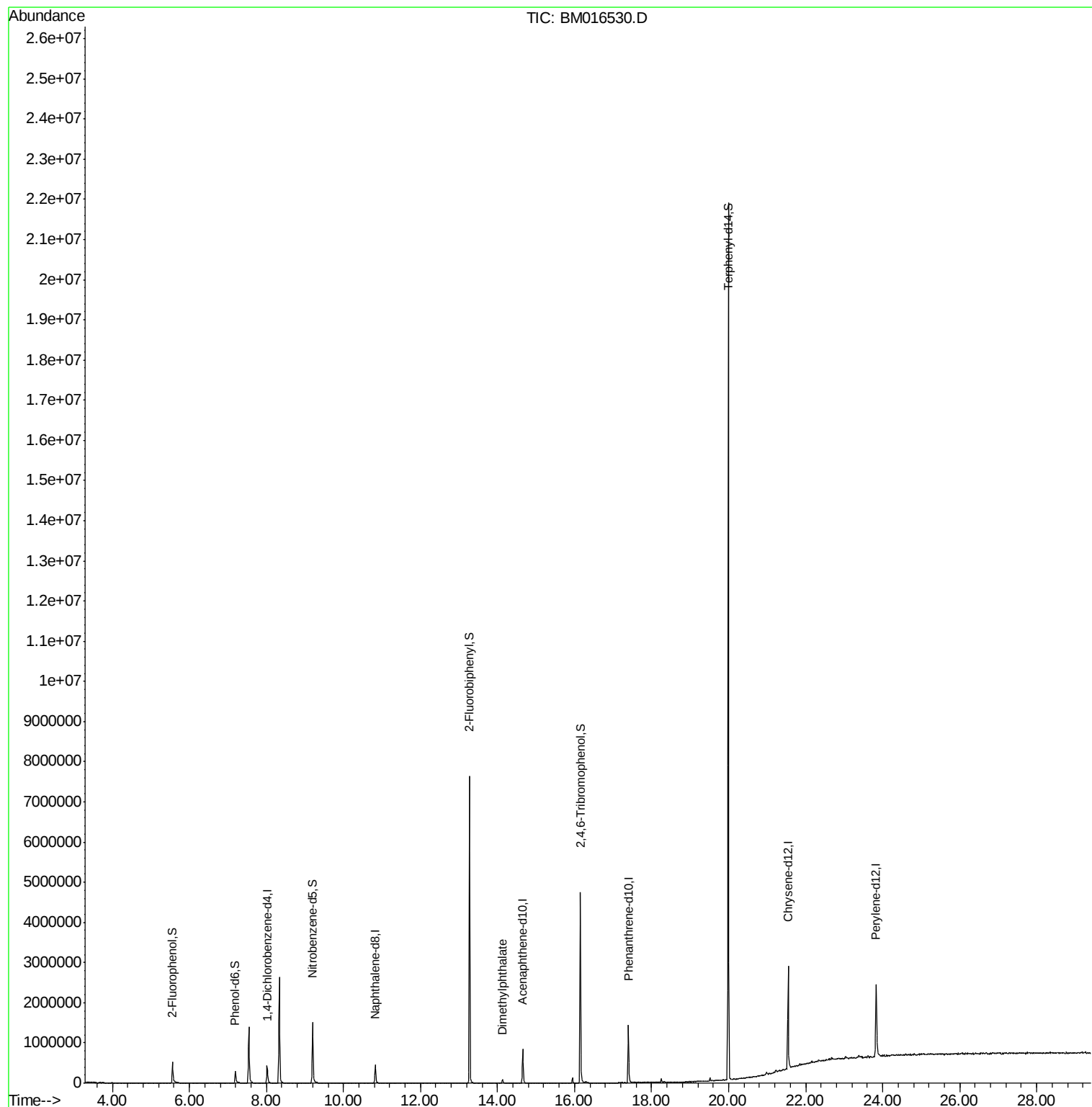
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	101667	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	326418	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	250398	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	851312	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1233280	20.00	ng	0.00
86) Perylene-d12	23.83	264	1446647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	199965	38.54	ng	0.00
7) Phenol-d6	7.19	99	144086	20.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	856482	119.80	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	770347	110.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3204759	123.02	ng	0.00
78) Terphenyl-d14	19.99	244	7921880	135.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	60933	2.533	ng	Qvalue # 90

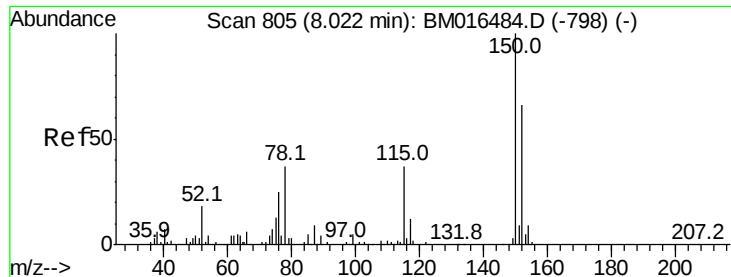
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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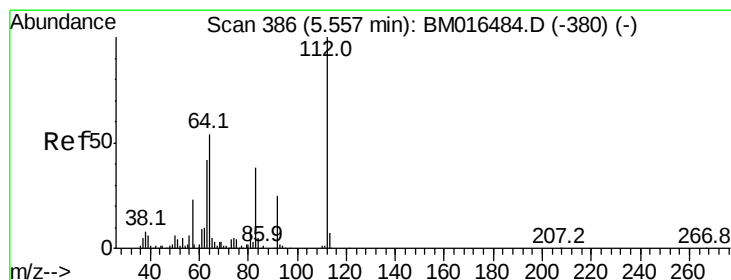
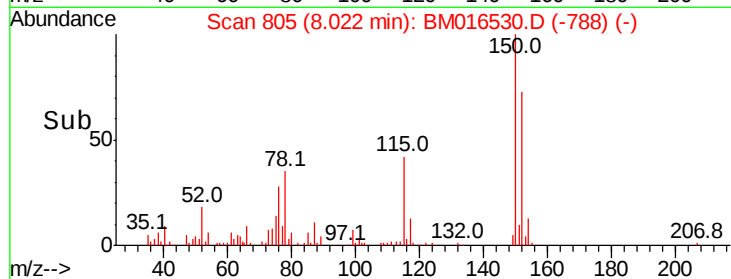
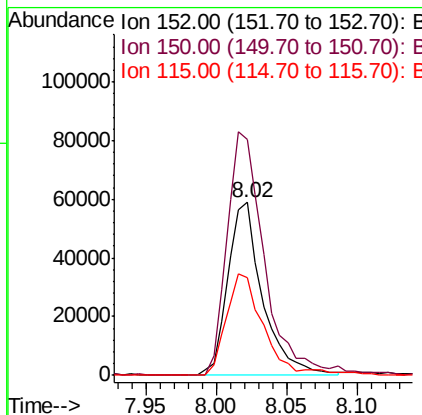
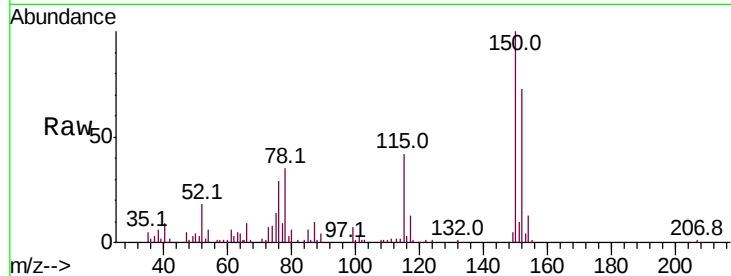


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016530.D
Acq: 22 Aug 2018 22:10

Instrument :
BNA_M
ClientSampleId :
081518-DBRI-E-D-B

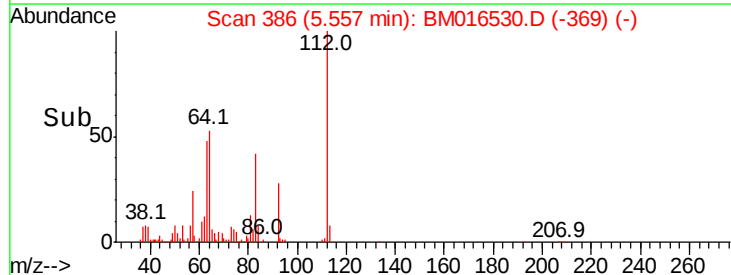
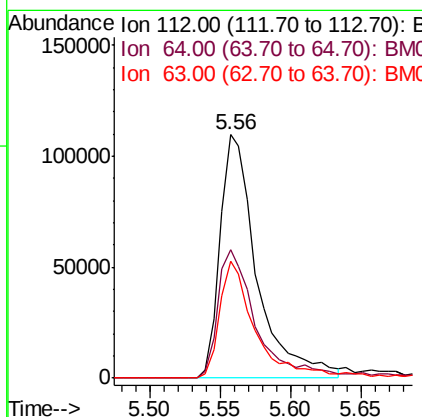
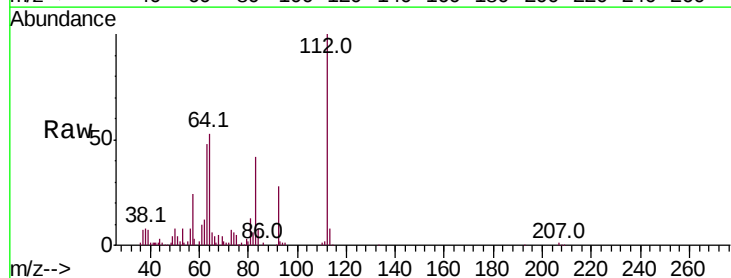
Tot Ion	Ratio	Lower	Upper
152	100		
150	136.2	119.5	179.3
115	56.8	43.0	64.4

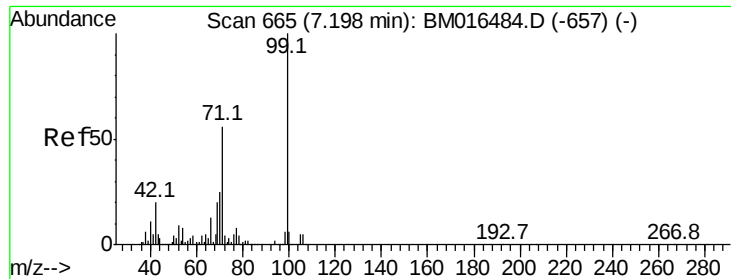


#5

2-Fluorophenol
Concen: 38.542 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016530.D
Acq: 22 Aug 2018 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	38.6	57.8
63	48.0	19.3	28.9





#7

Phenol-d6

Concen: 20.987 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

Instrument :

BNA_M

ClientSampleId :

081518-DBRI-E-D-B

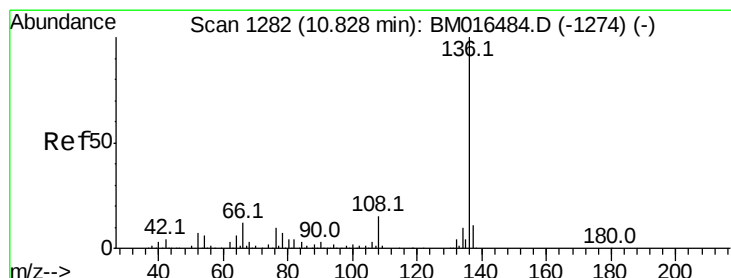
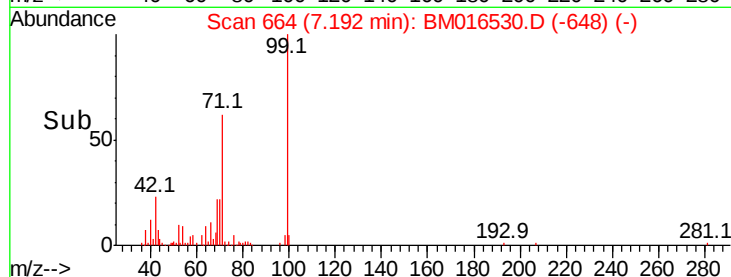
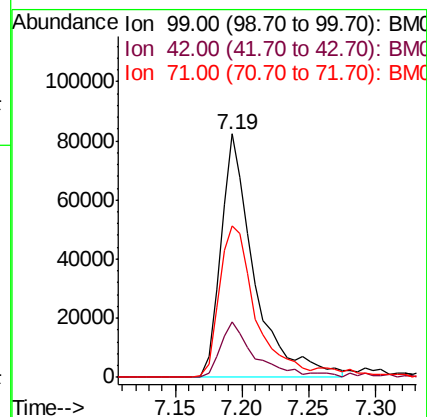
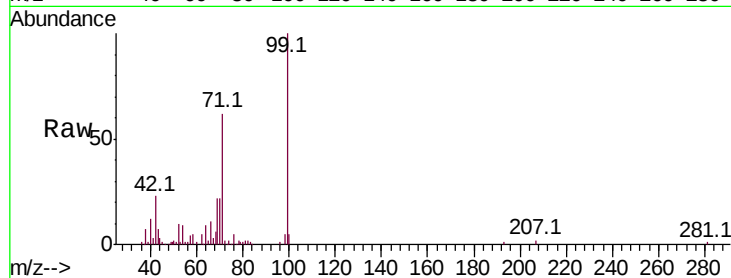
Tot Ion: 99 Resp: 144086

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

71 62.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

Tgt Ion: 136 Resp: 326418

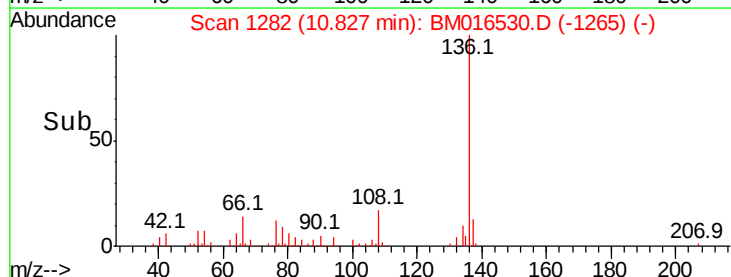
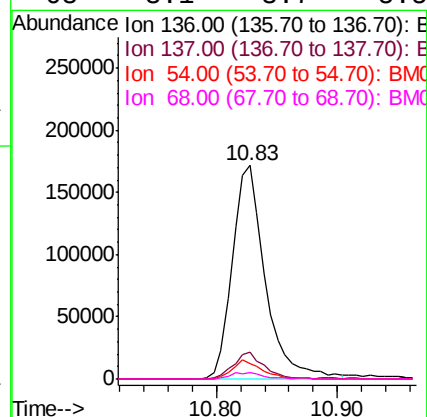
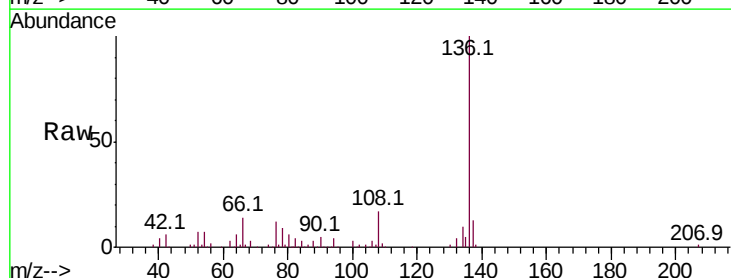
Ion Ratio Lower Upper

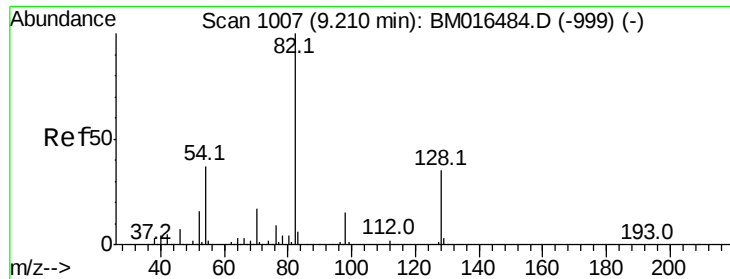
136 100

137 12.7 8.7 13.1

54 7.4 4.6 6.8#

68 3.1 3.7 5.5#

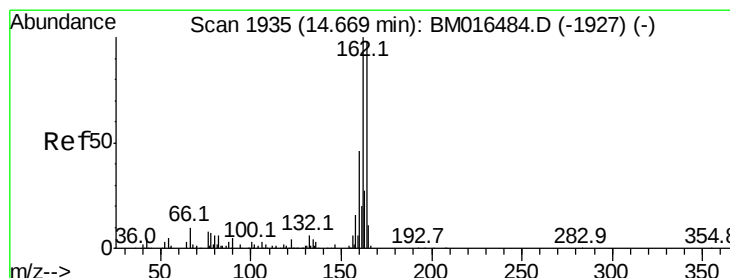
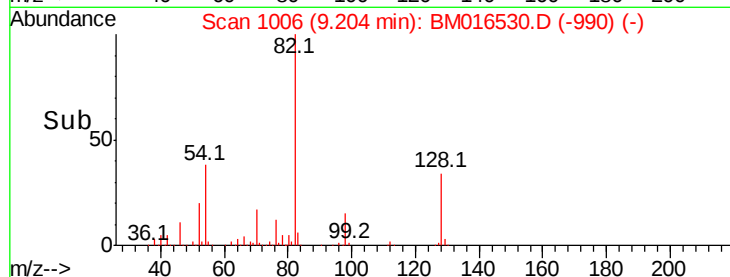
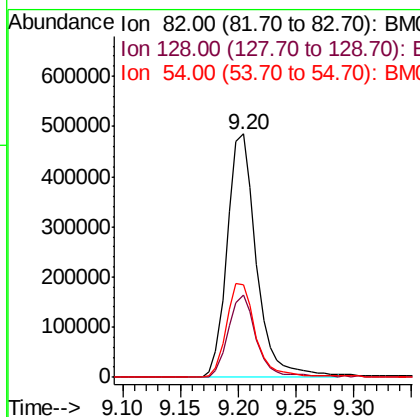
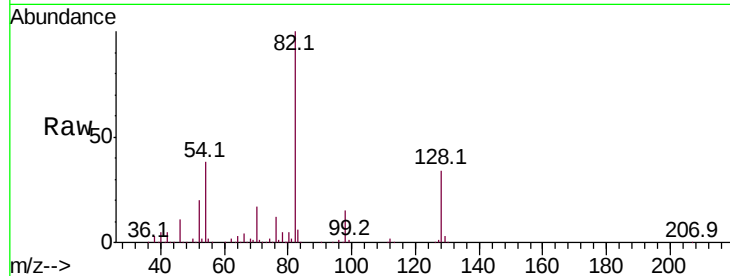




#23
Nitrobenzene-d5
Concen: 119.804 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016530.D
Acq: 22 Aug 2018 22:10

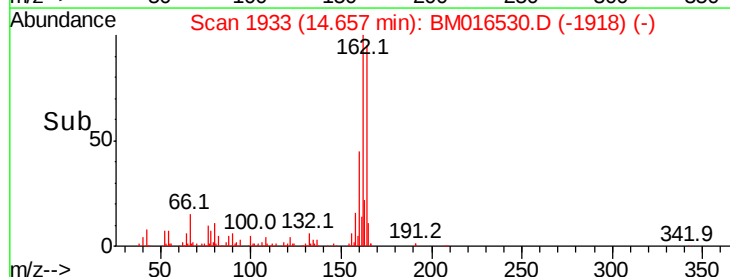
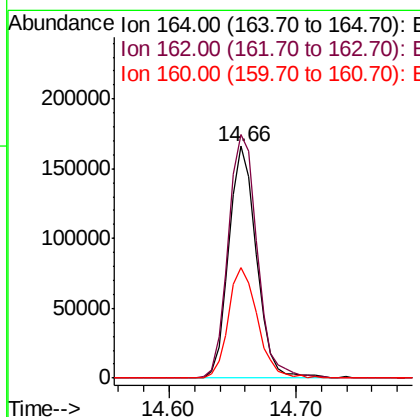
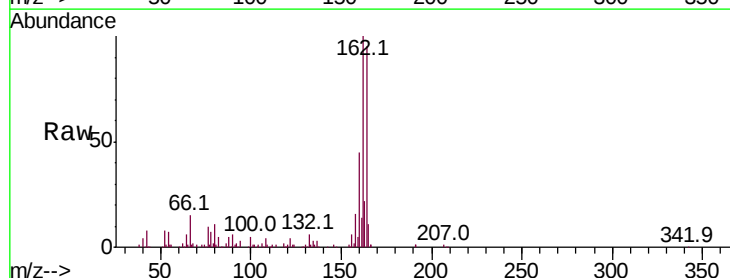
Instrument :
BNA_M
ClientSampleId :
081518-DBRI-E-D-B

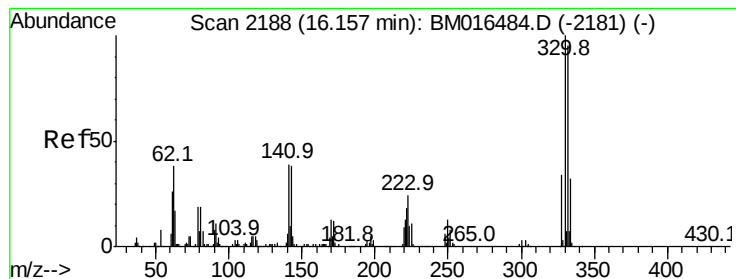
Tot Ion	82	Resp	856482
Ion Ratio	Lower	Upper	
82	100		
128	33.7	32.8	49.2
54	37.8	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016530.D
Acq: 22 Aug 2018 22:10

Tgt Ion	164	Resp	250398
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.4	123.6
160	47.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 110.055 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

Instrument :

BNA_M

ClientSampleId :

081518-DBRI-E-D-B

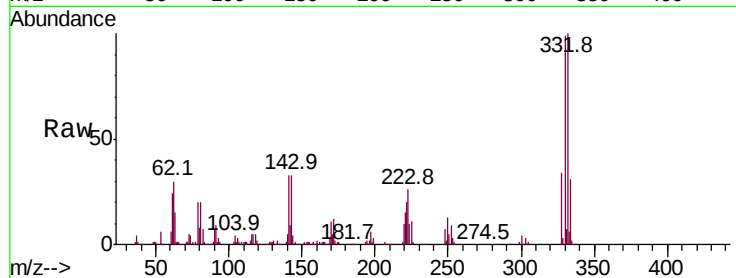
Tot Ion:330 Resp: 770347

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

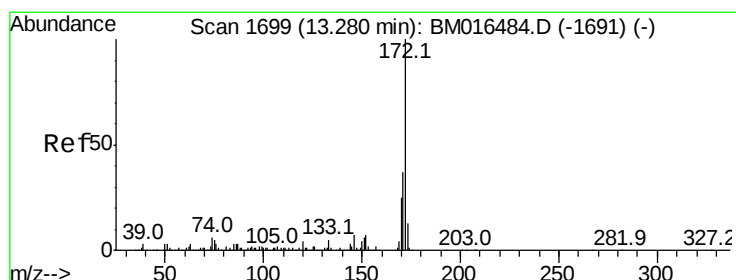
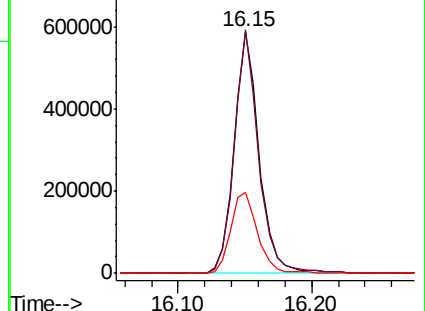
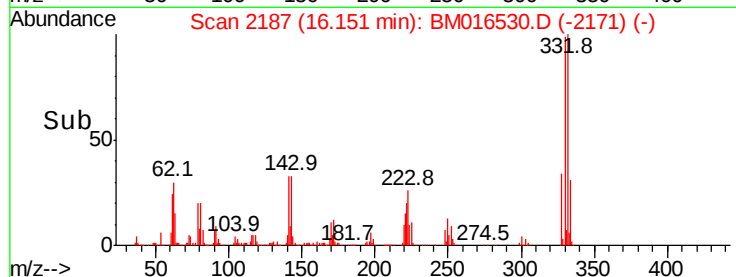
141 36.1 0.0 0.0#



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: 123.024 ng

RT: 13.27 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

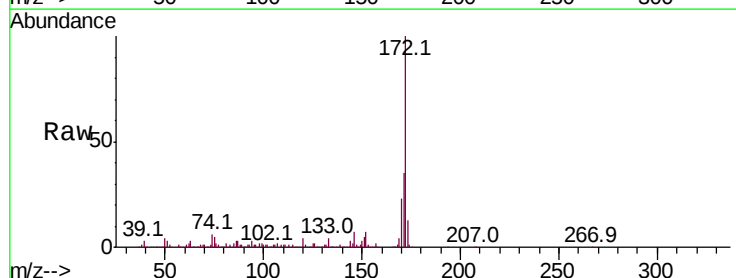
Tgt Ion:172 Resp: 3204759

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

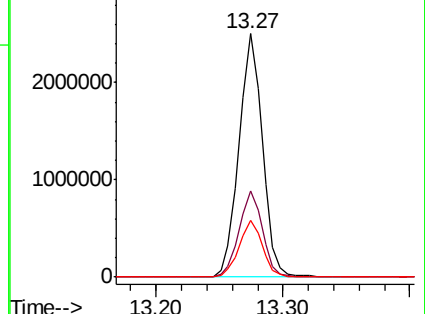
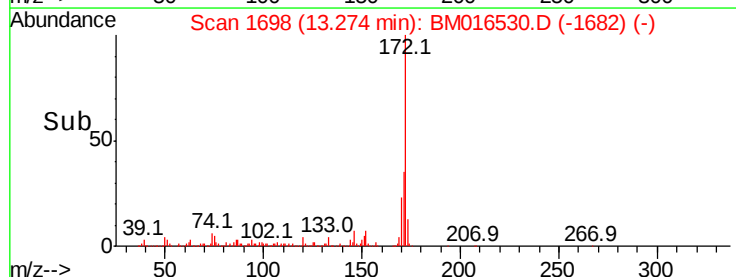
170 23.3 18.8 28.2

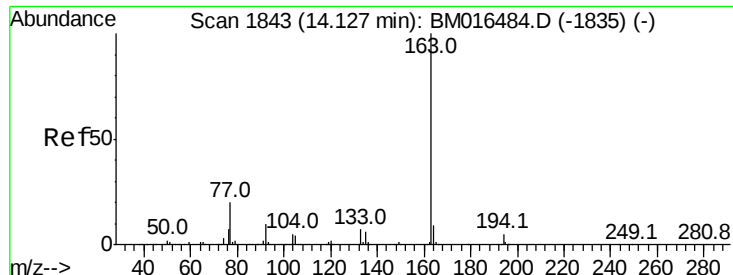


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.533 ng

RT: 14.12 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

Instrument :

BNA_M

ClientSampleId :

081518-DBRI-E-D-B

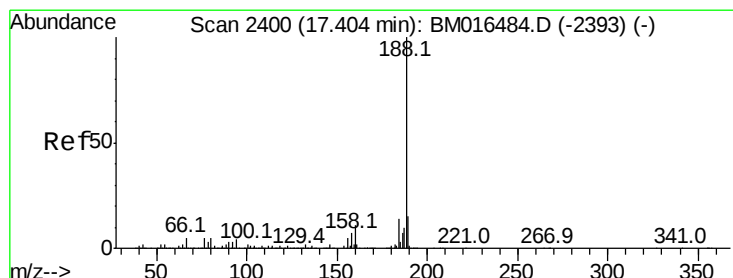
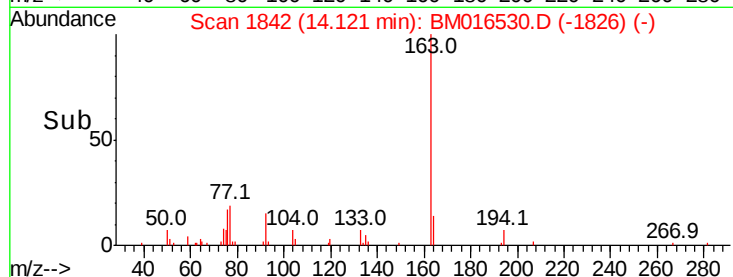
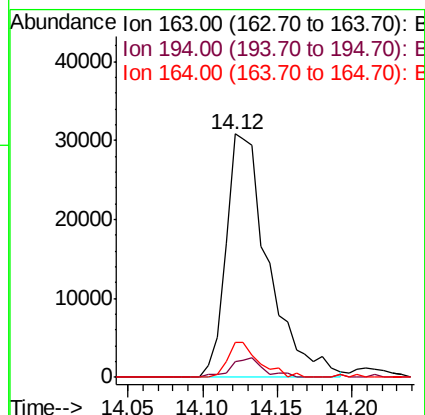
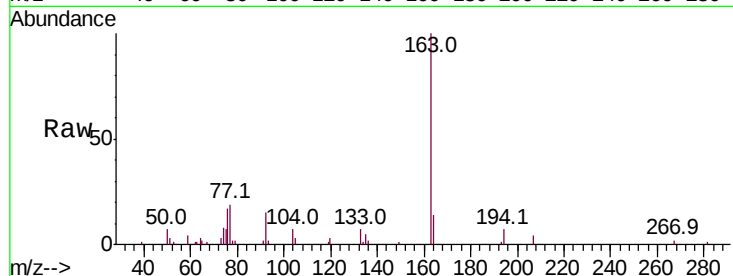
Tot Ion:163 Resp: 60933

Ion Ratio Lower Upper

163 100

194 6.5 2.7 4.1#

164 14.2 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

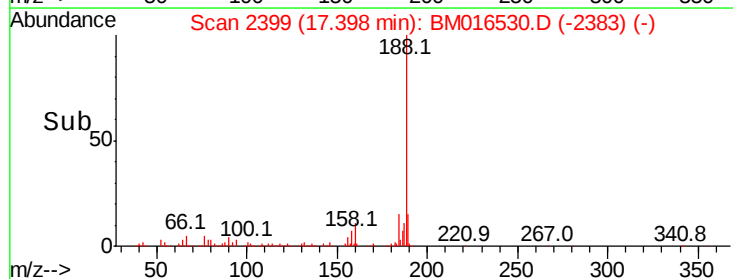
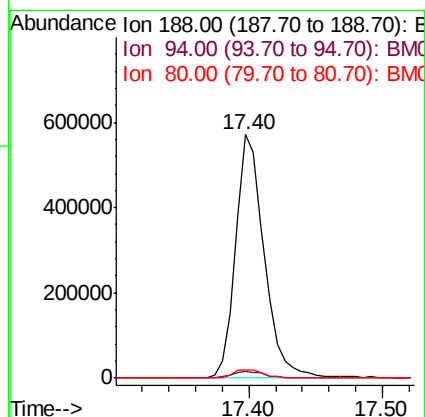
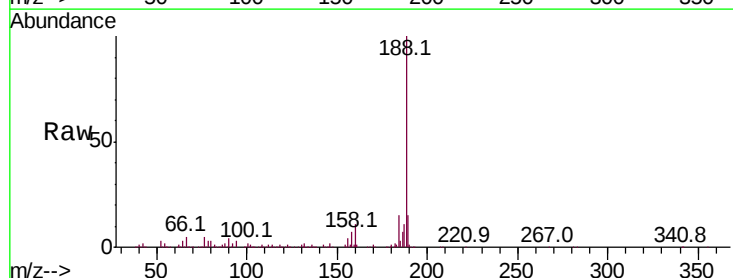
Tgt Ion:188 Resp: 851312

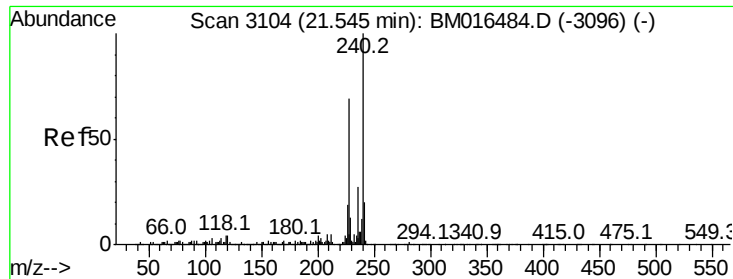
Ion Ratio Lower Upper

188 100

94 2.9 8.7 13.1#

80 3.5 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: BM016530.D

Acq: 22 Aug 2018 22:10

Instrument :

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ClientSampleId :

081518-DBRI-E-D-B

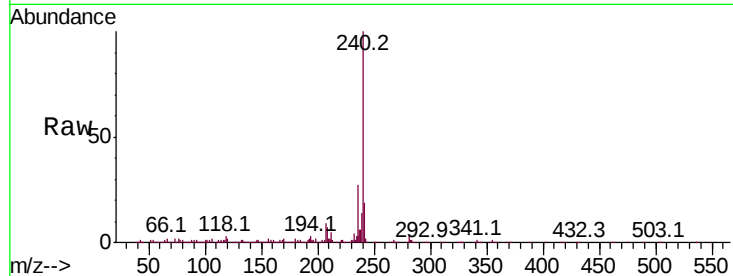
Tot Ion:240 Resp: 1233280

Ion Ratio Lower Upper

240 100

120 2.3 8.2 12.2#

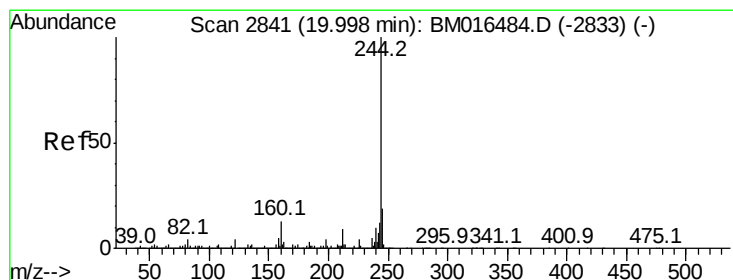
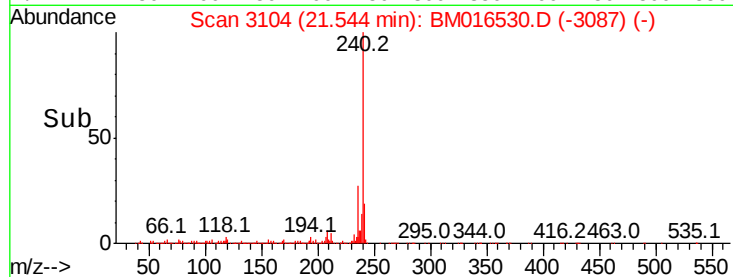
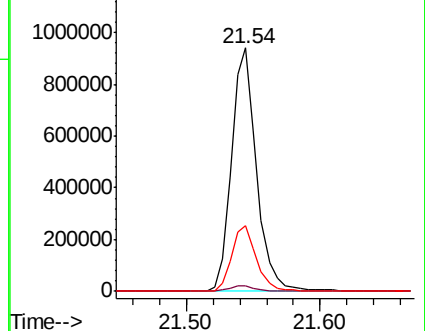
236 27.0 20.0 30.0



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: 135.956 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016530.D

Acq: 22 Aug 2018 22:10

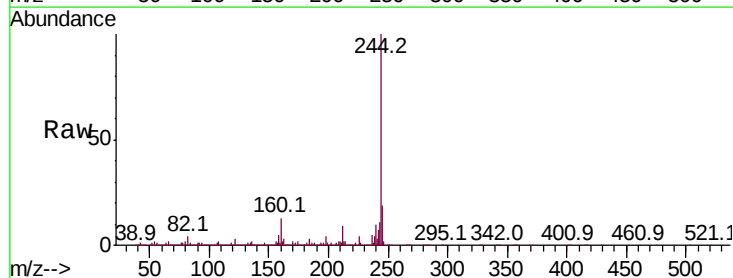
Tgt Ion:244 Resp: 7921880

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

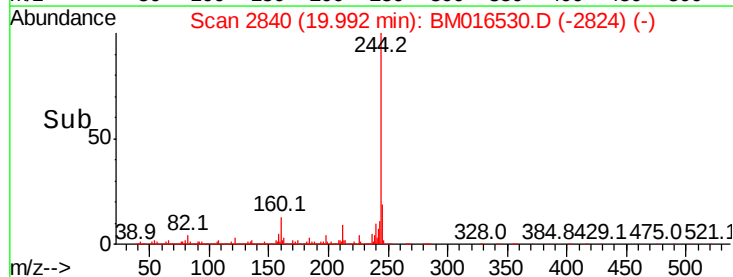
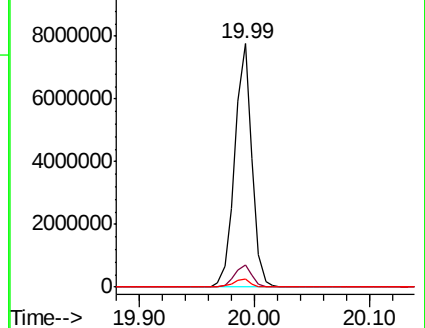
122 3.1 6.2 9.4#

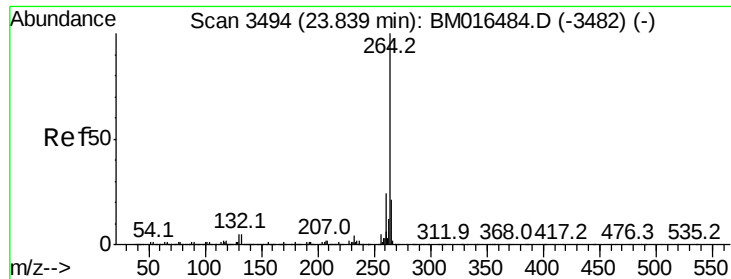


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.83 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM016530.D
 Acq: 22 Aug 2018 22:10

Instrument :
 BNA_M
 ClientSampleId :
 081518-DBRI-E-D-B

Tot Ion:264 Resp: 1446647

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	23.2	17.3	25.9

