

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016519.D
 Acq On : 22 Aug 2018 14:02
 Operator : SJ/JU
 Sample : J4573-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T27-COMP

Quant Time: Aug 22 15:04:49 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	132930	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	380693	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	292410	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	973655	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1232391	20.00	ng	0.00
86) Perylene-d12	23.83	264	1337275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	930013	137.10	ng	0.00
7) Phenol-d6	7.20	99	1005274	111.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	988832	118.60	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1855865	227.04	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3540751	116.39	ng	0.00
78) Terphenyl-d14	19.99	244	9977299	171.36	ng	0.00

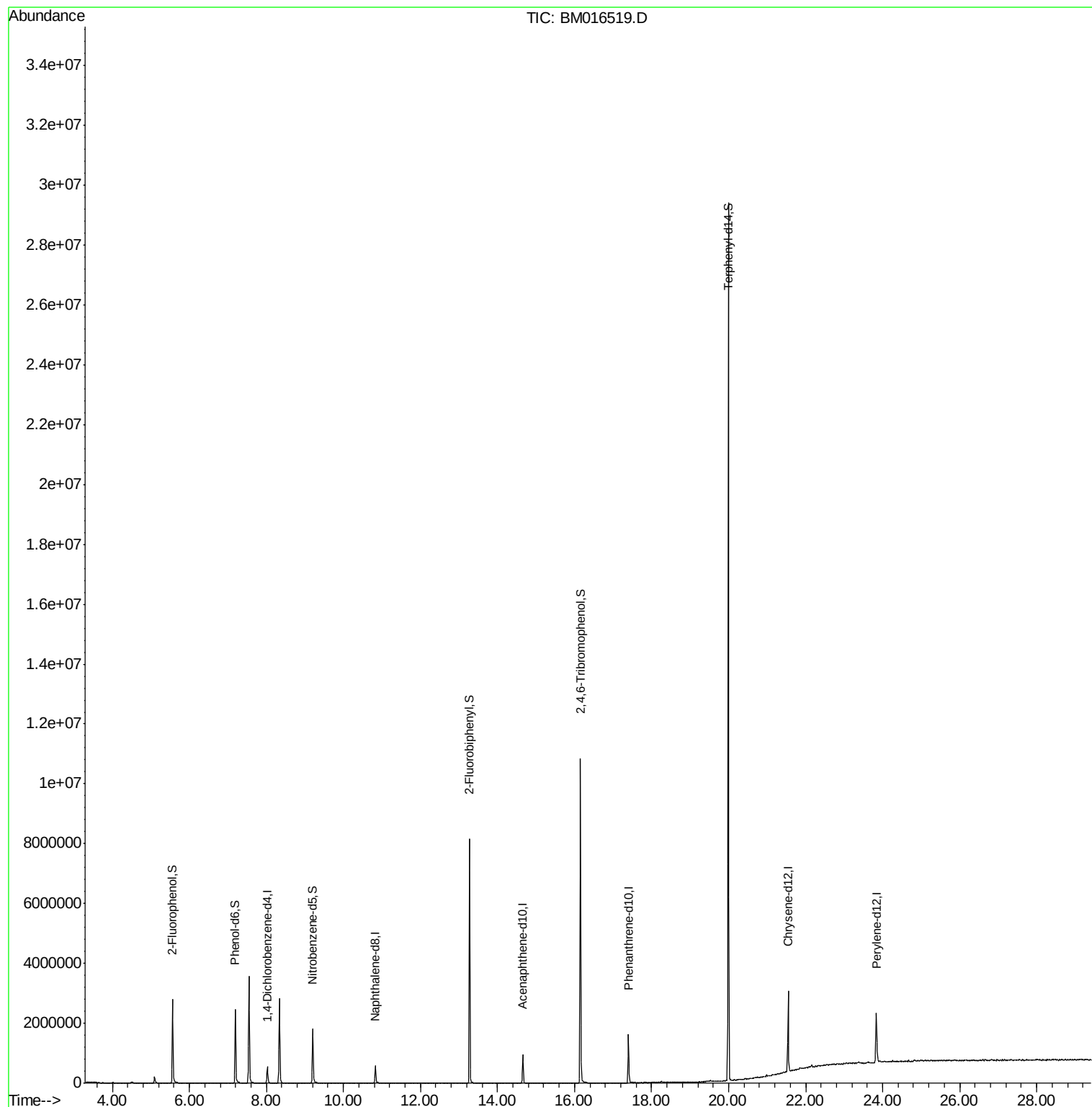
Target Compounds Qvalue

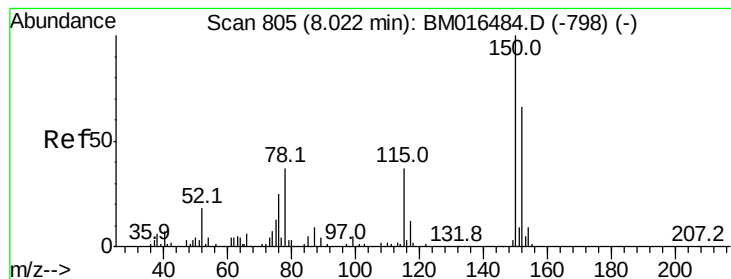
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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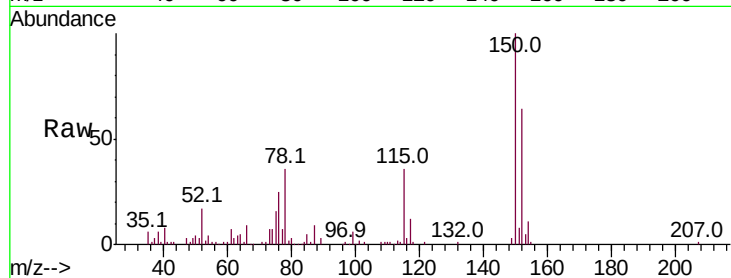


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016519.D
Acq: 22 Aug 2018 14:02

Instrument :
BNA_M
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.5	179.3
115	55.9	43.0	64.4

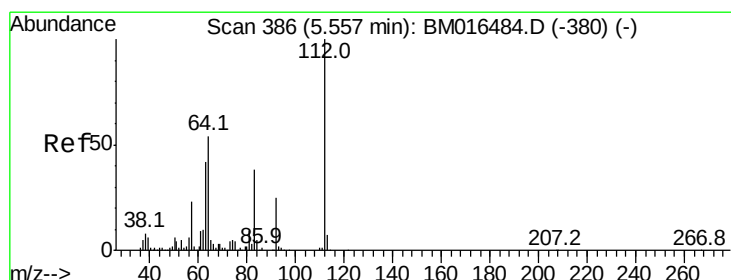
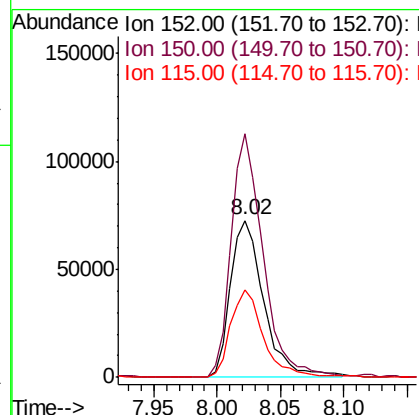
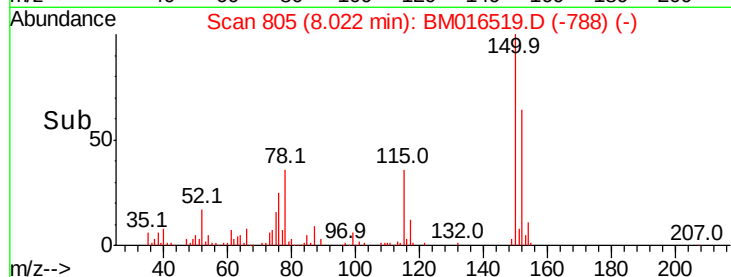


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

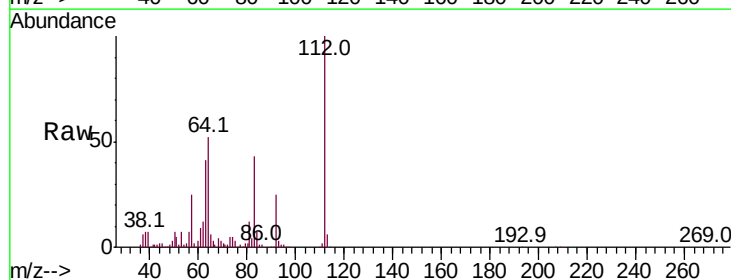
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016519.D
Acq: 22 Aug 2018 14:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	38.6	57.8
63	41.2	19.3	28.9

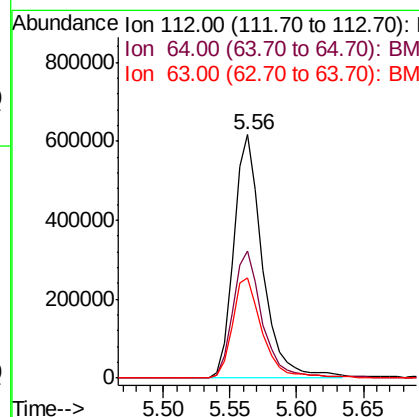
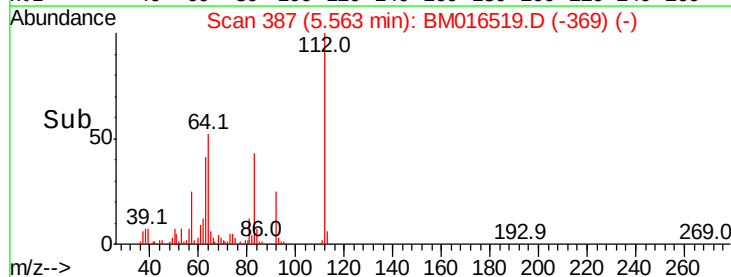


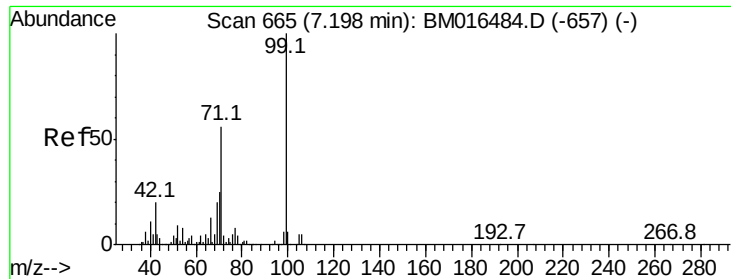
Abundance

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: BM016519.D

Acq: 22 Aug 2018 14:02

Instrument :

BNA_M

ClientSampleId :

T27-COMP

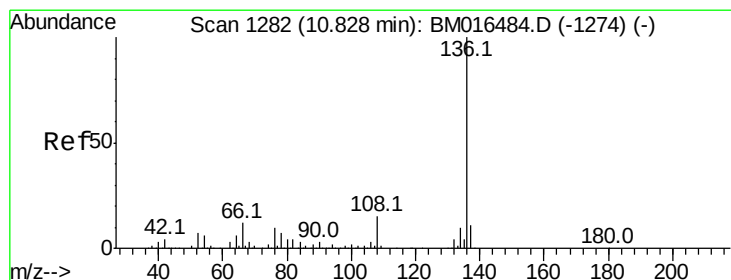
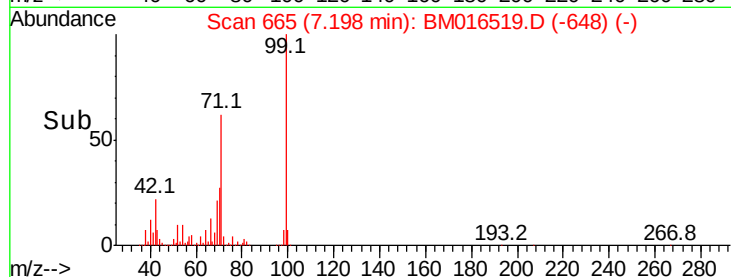
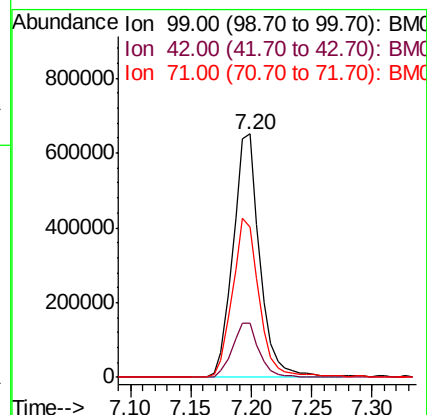
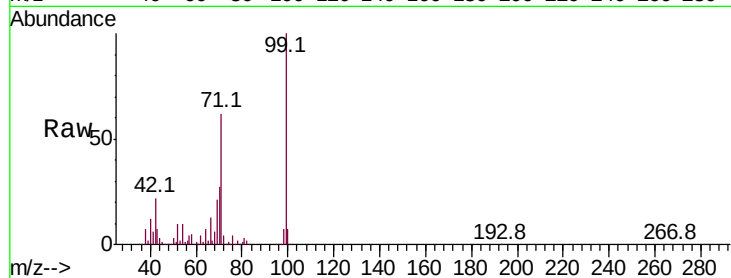
Tot Ion: 99 Resp: 1005274

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

71 61.7 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: BM016519.D

Acq: 22 Aug 2018 14:02

Tgt Ion: 136 Resp: 380693

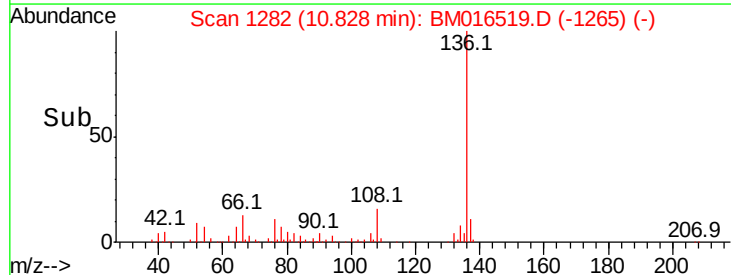
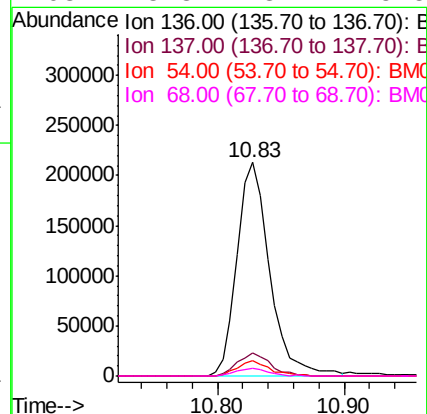
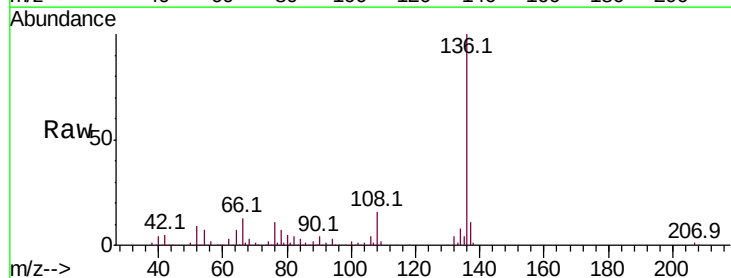
Ion Ratio Lower Upper

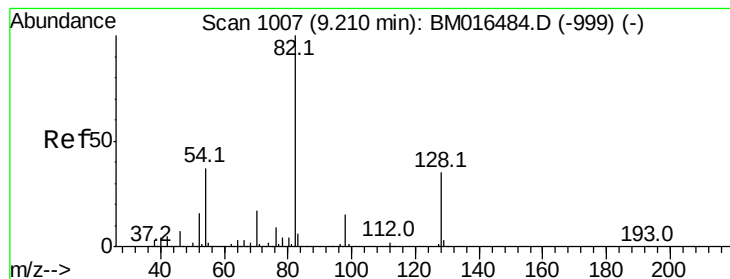
136 100

137 11.1 8.7 13.1

54 7.2 4.6 6.8#

68 3.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016519.D

Acq: 22 Aug 2018 14:02

Instrument :

BNA_M

ClientSampleId :

T27-COMP

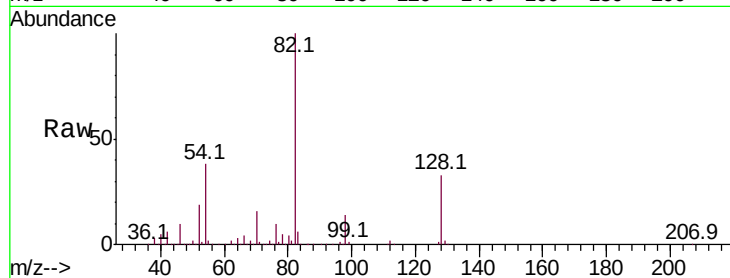
Tot Ion: 82 Resp: 988832

Ion Ratio Lower Upper

82 100

128 32.8 32.8 49.2#

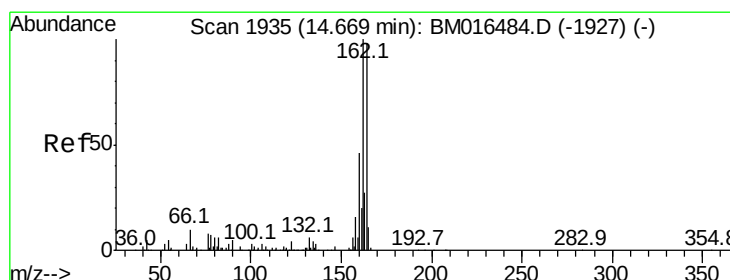
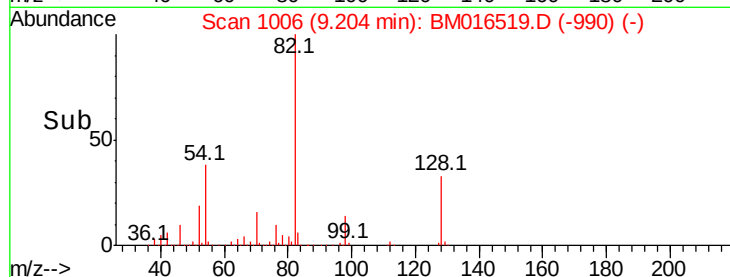
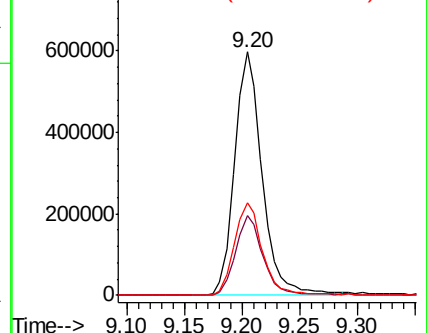
54 38.2 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016519.D

Acq: 22 Aug 2018 14:02

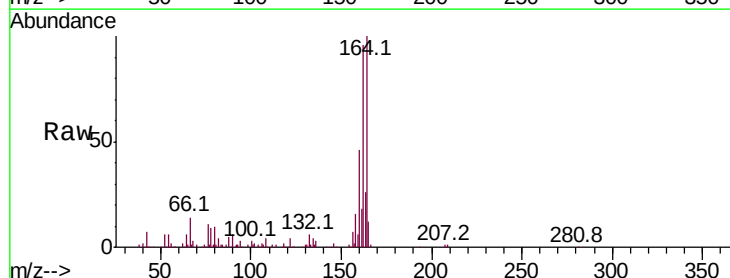
Tgt Ion:164 Resp: 292410

Ion Ratio Lower Upper

164 100

162 96.4 82.4 123.6

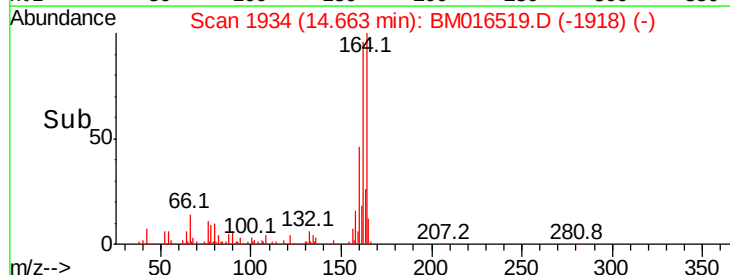
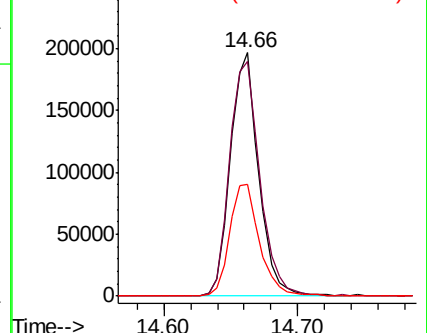
160 45.7 35.8 53.6

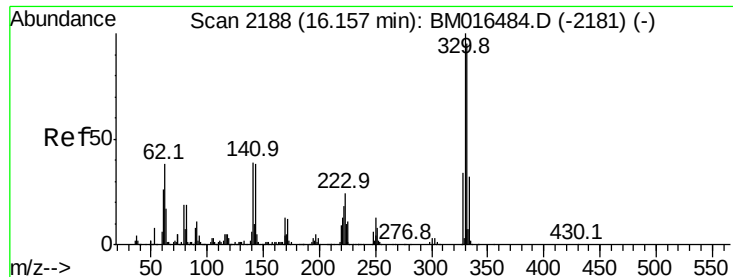


Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016519.D

Acq: 22 Aug 2018 14:02

Instrument :

BNA_M

ClientSampleId :

T27-COMP

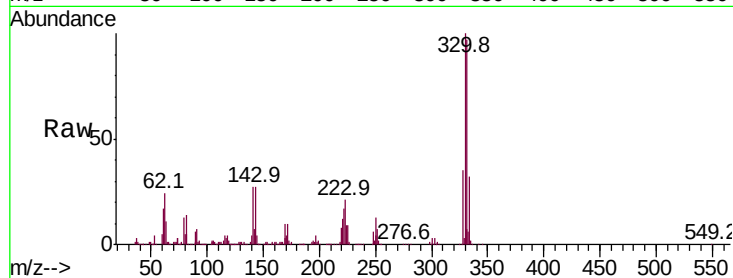
Tot Ion:330 Resp: 1855865

Ion Ratio Lower Upper

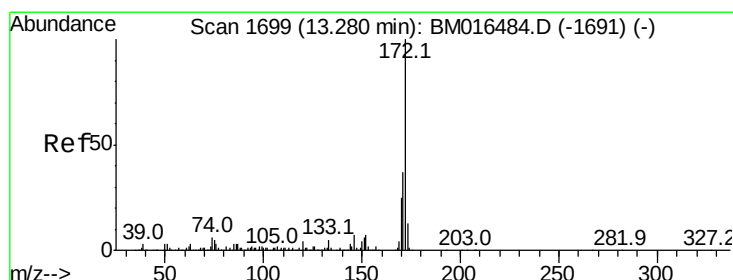
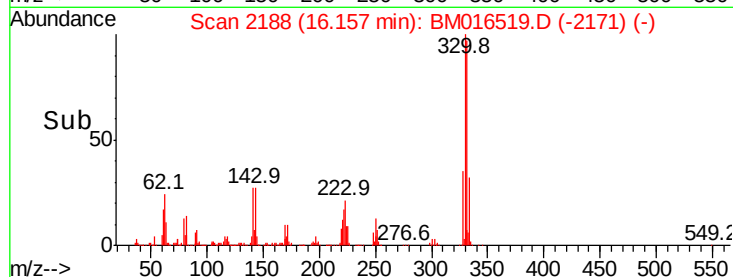
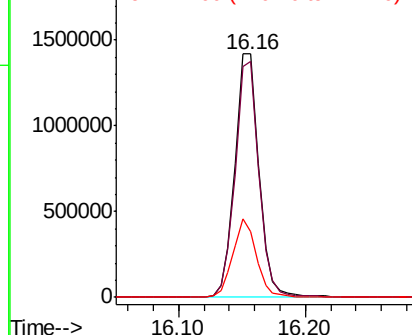
330 100

332 95.6 0.0 0.0#

141 31.8 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: 13.27 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BM016519.D

Acq: 22 Aug 2018 14:02

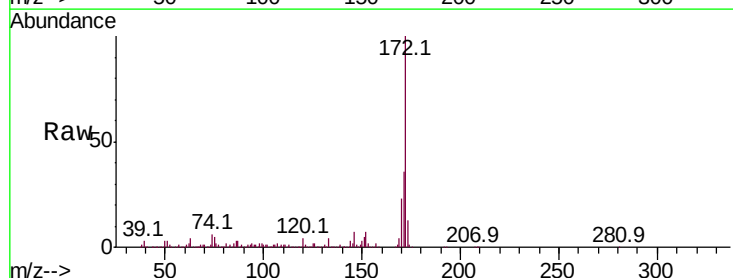
Tgt Ion:172 Resp: 3540751

Ion Ratio Lower Upper

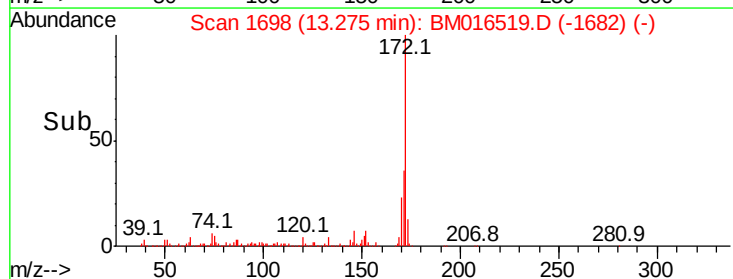
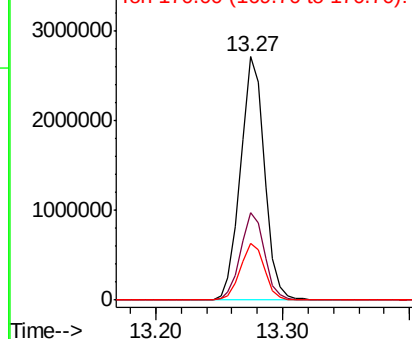
172 100

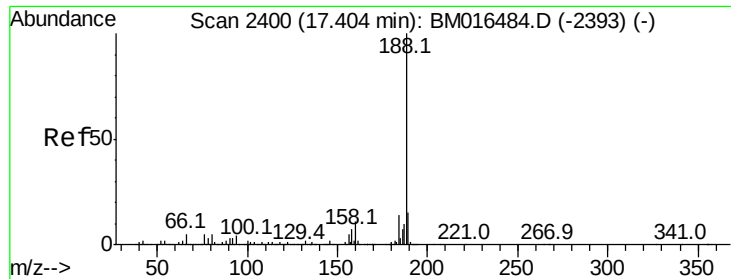
171 35.7 28.5 42.7

170 23.5 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

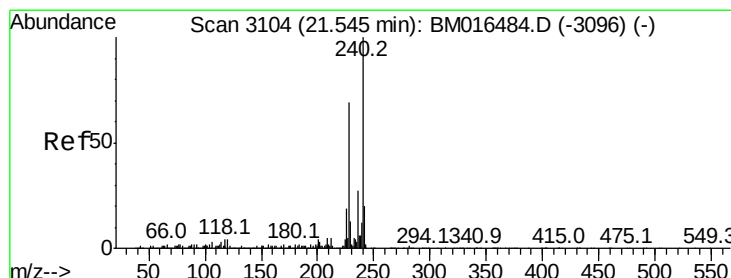
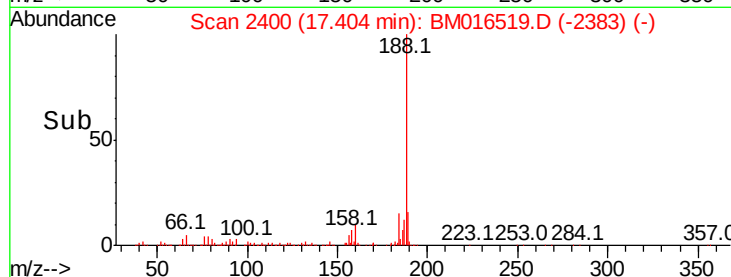
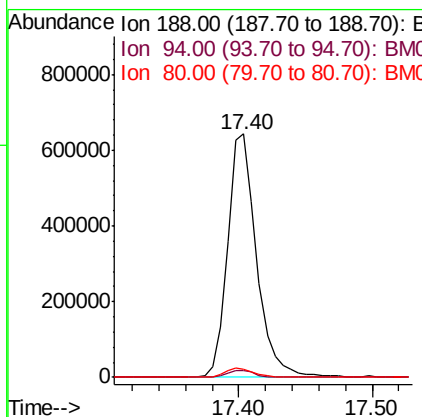
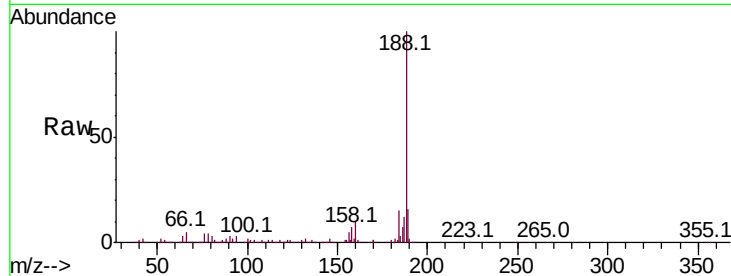




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016519.D
Acq: 22 Aug 2018 14:02

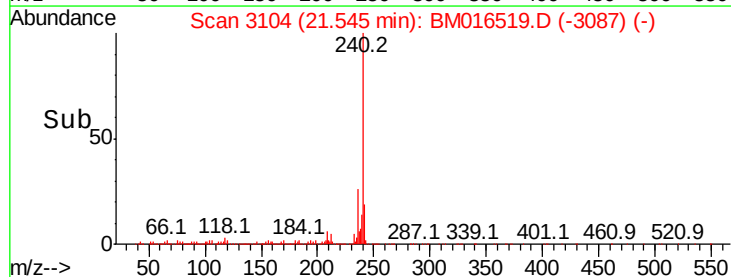
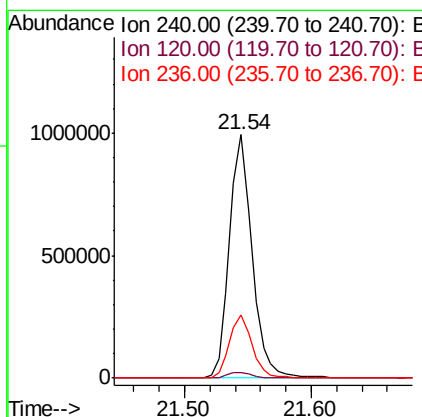
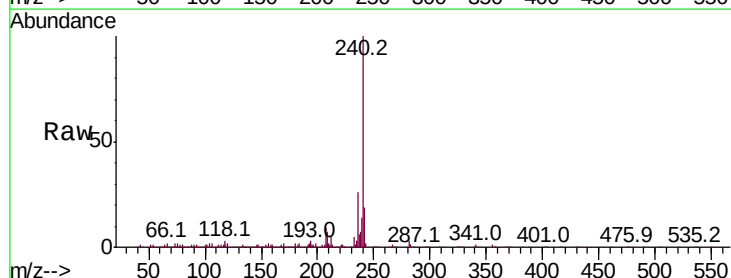
Instrument :
BNA_M
ClientSampleId :
T27-COMP

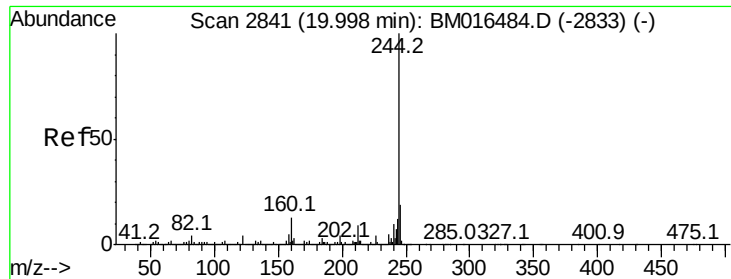
Tot Ion:188 Resp: 973655
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016519.D
Acq: 22 Aug 2018 14:02

Tgt Ion:240 Resp: 1232391
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 26.2 20.0 30.0

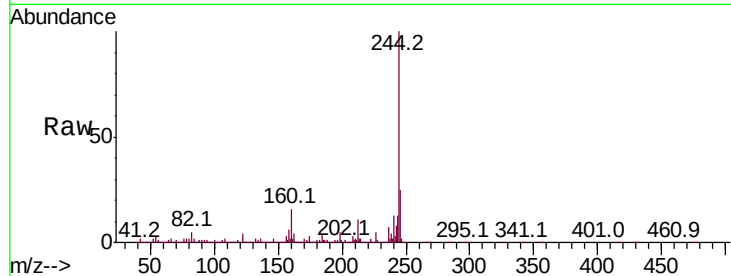




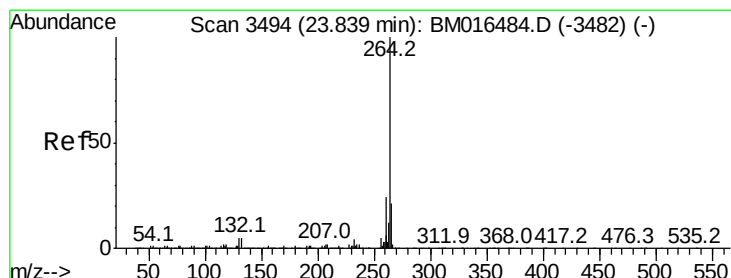
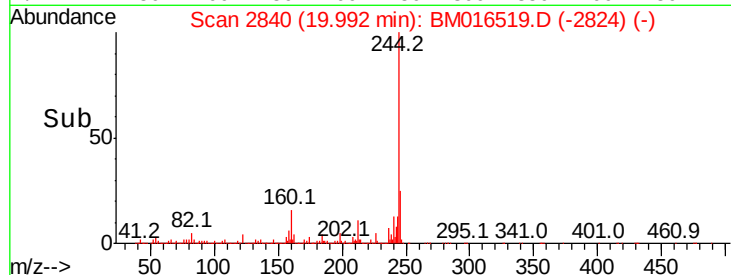
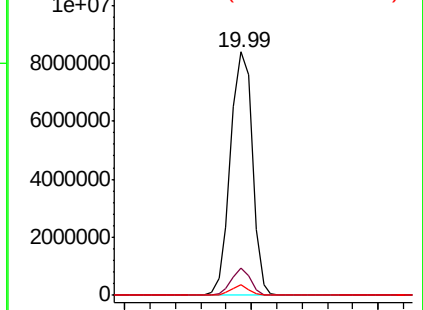
#78
 Terphenyl-d14
 Concen: Below na
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016519.D
 Acq: 22 Aug 2018 14:02

Instrument :
 BNA_M
 ClientSampled :
 T27-COMP

Tot Ion:244 Resp: 9977299
 Ion Ratio Lower Upper
 244 100
 212 11.1 4.9 7.3#
 122 4.2 6.2 9.4#

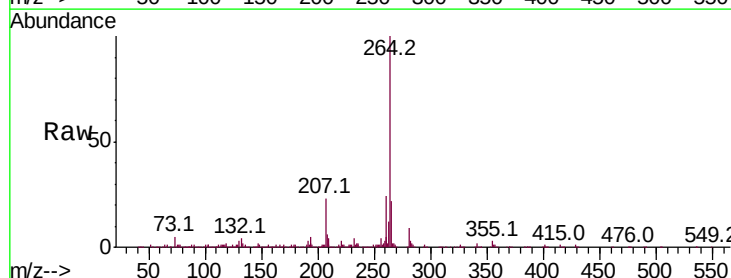


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016519.D
 Acq: 22 Aug 2018 14:02

Tgt Ion:264 Resp: 1337275
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.8 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

