

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015833.D
 Acq On : 07 Jul 2018 10:28
 Operator : SJ/JU
 Sample : J3843-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT20426

Quant Time: Jul 09 00:54:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

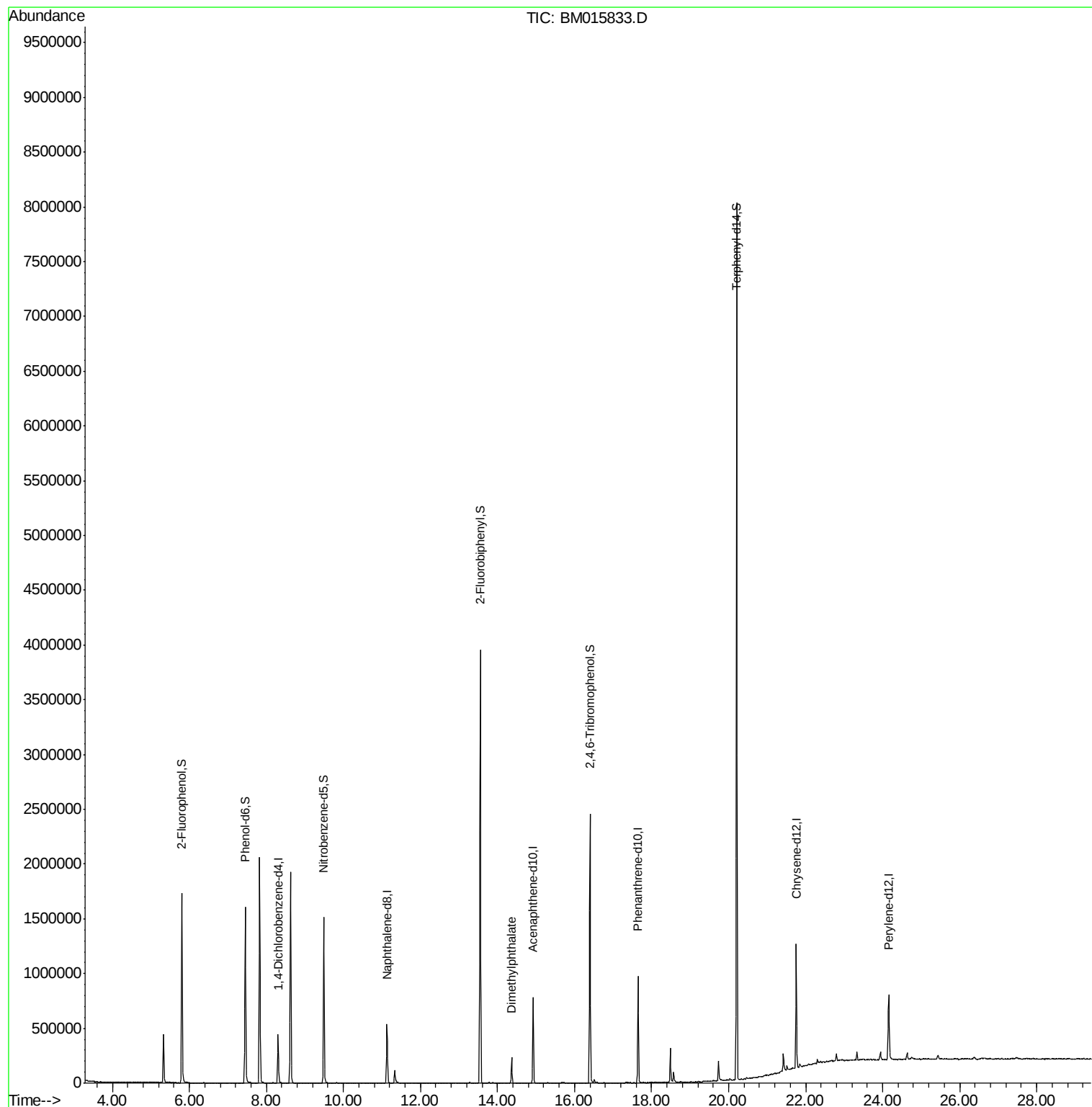
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	101363	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	408471	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	230396	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	522268	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	494284	20.00	ng	-0.01
86) Perylene-d12	24.16	264	423649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	606987	102.70	ng	-0.01
7) Phenol-d6	7.45	99	713508	88.18	ng	-0.01
23) Nitrobenzene-d5	9.49	82	774805	92.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	328782	109.21	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1674056	90.21	ng	-0.01
78) Terphenyl-d14	20.21	244	2975772	111.67	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.37	163	129766	6.386	ng	98

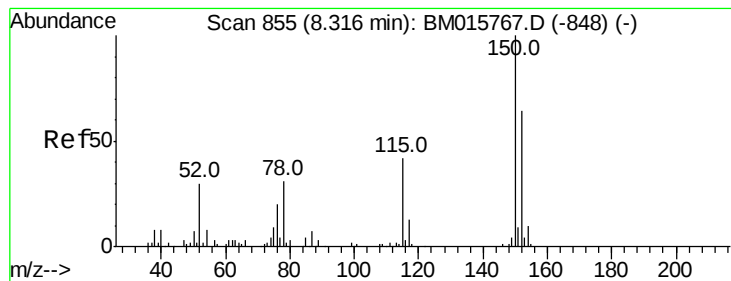
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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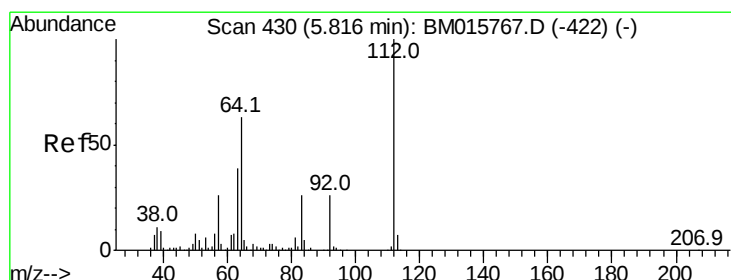
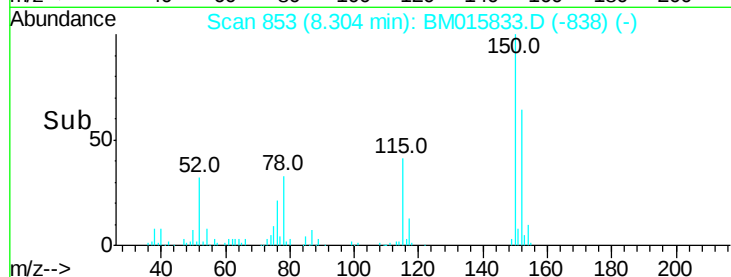
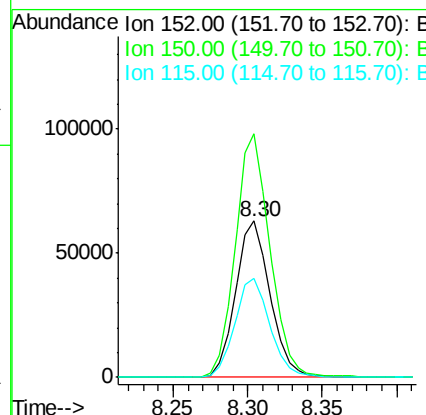
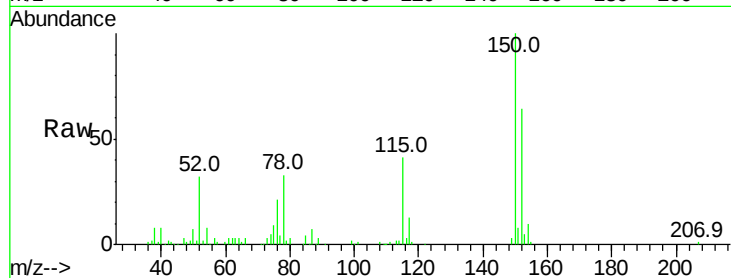


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015833.D
Acq: 07 Jul 2018 10:28

Instrument :
BNA_M
ClientSampleId :
CHRT20426

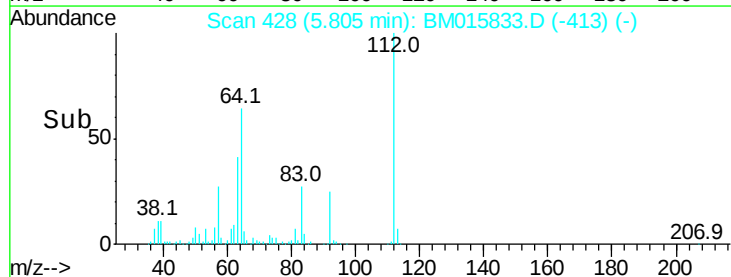
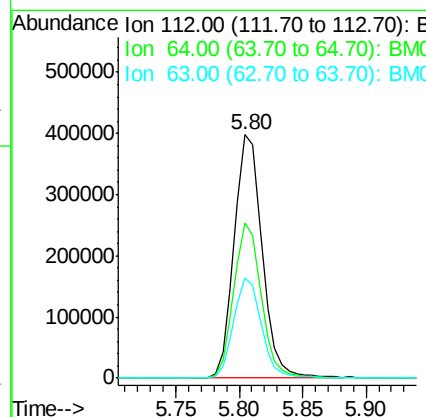
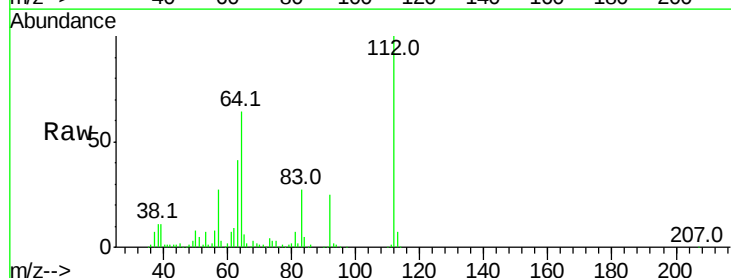
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	63.7	43.0	64.4

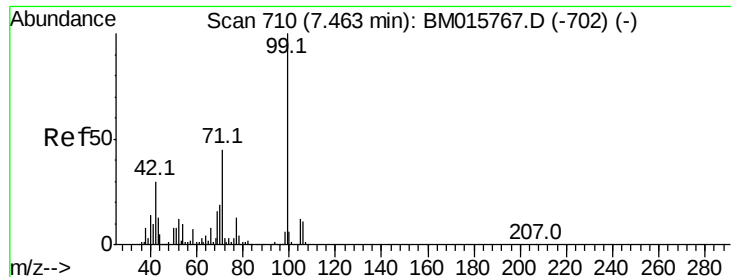


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015833.D
Acq: 07 Jul 2018 10:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	38.6	57.8#
63	41.1	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

Instrument :

BNA_M

ClientSampleId :

CHRT20426

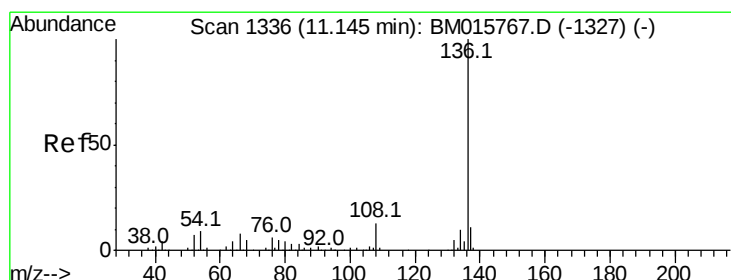
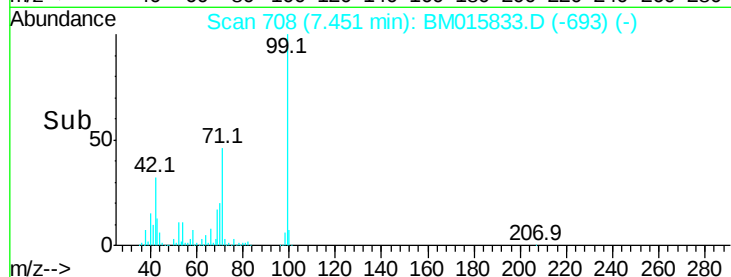
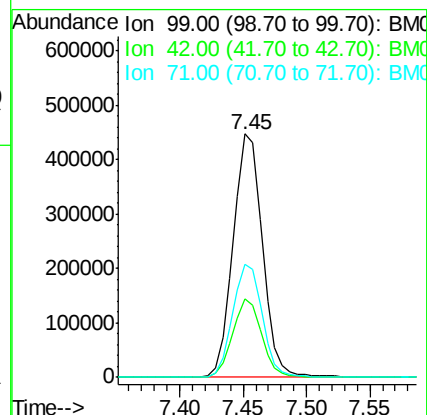
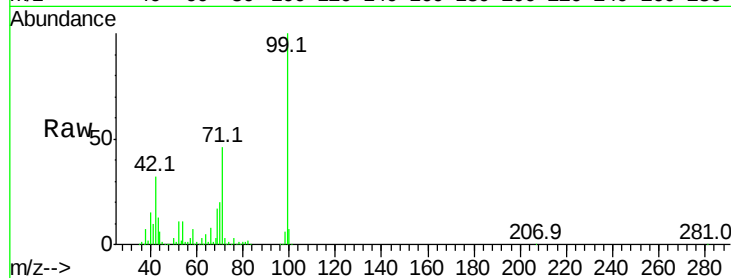
Tot Ion: 99 Resp: 713508

Ion Ratio Lower Upper

99 100

42 32.0 11.0 16.4#

71 46.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

Tgt Ion: 136 Resp: 408471

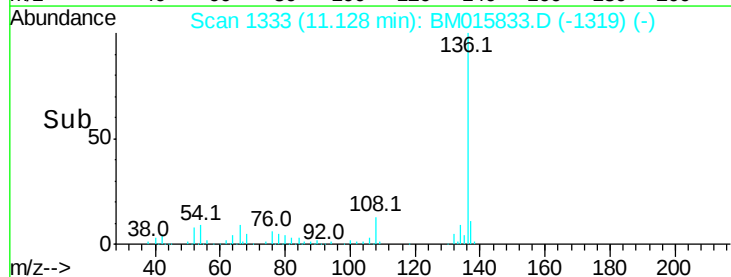
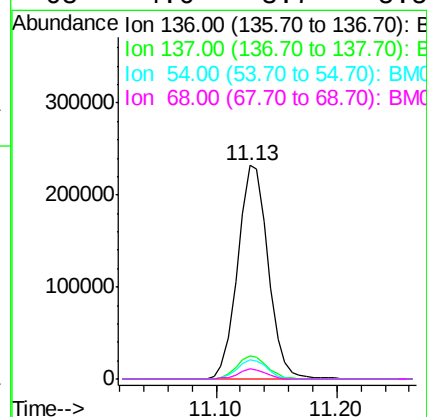
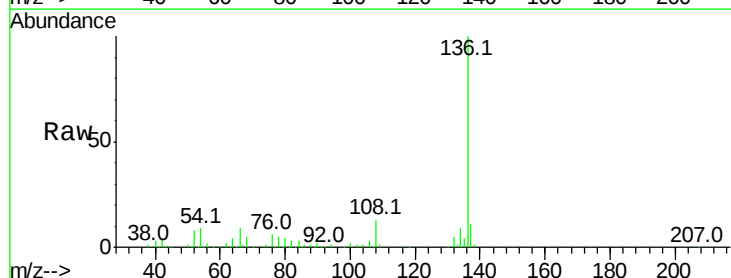
Ion Ratio Lower Upper

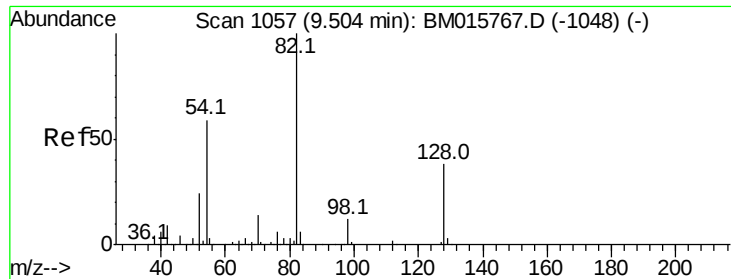
136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 4.6 3.7 5.5

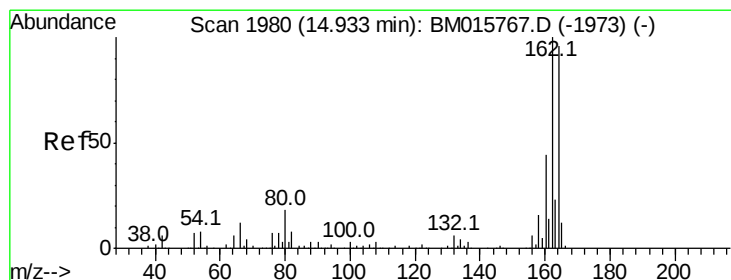
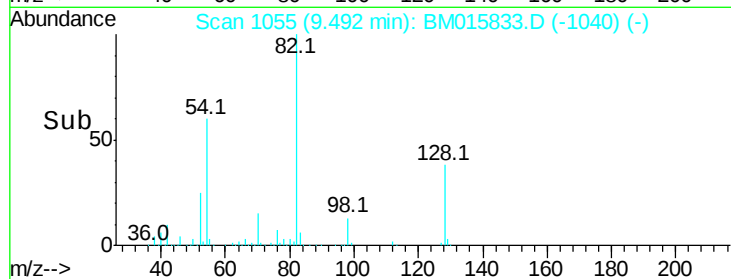
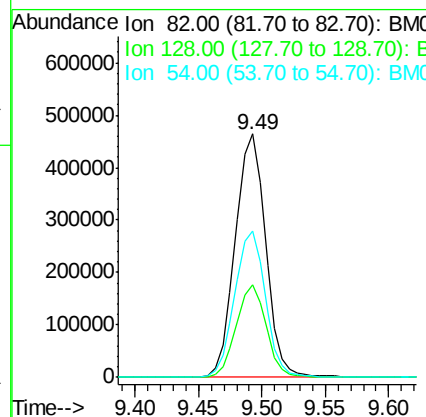
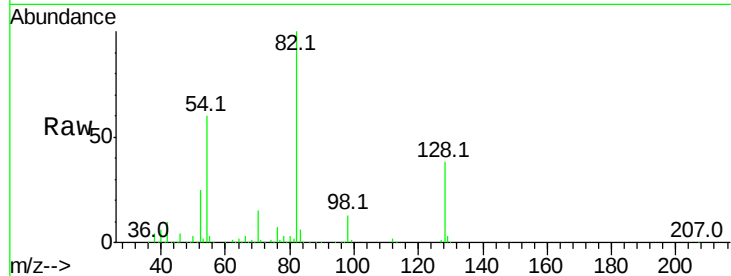




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015833.D
Acq: 07 Jul 2018 10:28

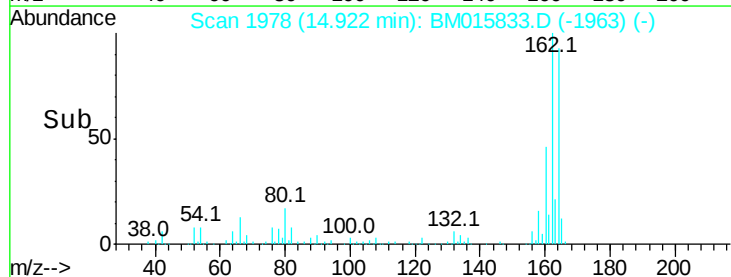
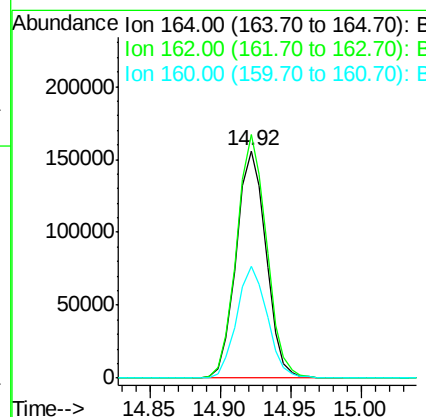
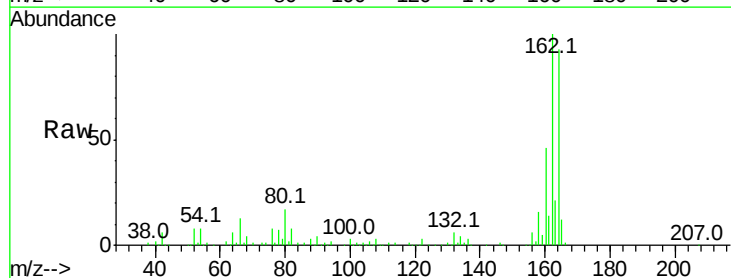
Instrument :
BNA_M
ClientSampleId :
CHRT20426

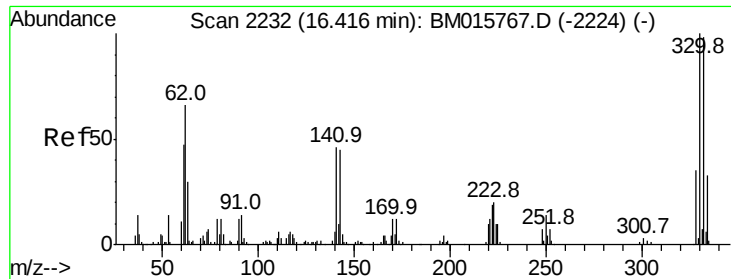
Tot Ion	82	Resp	774805
Ion Ratio	100	Lower	Upper
128	38.0	32.8	49.2
54	60.1	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015833.D
Acq: 07 Jul 2018 10:28

Tgt Ion	164	Resp	230396
Ion Ratio	100	Lower	Upper
162	107.3	82.4	123.6
160	49.2	35.8	53.6

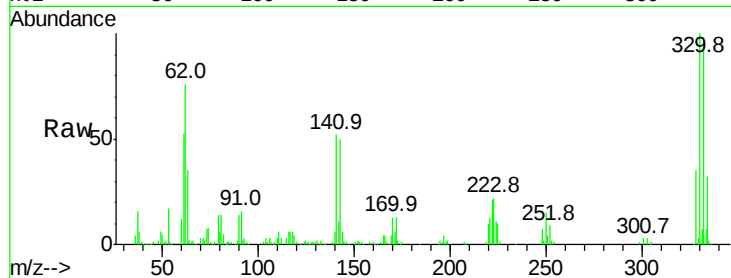




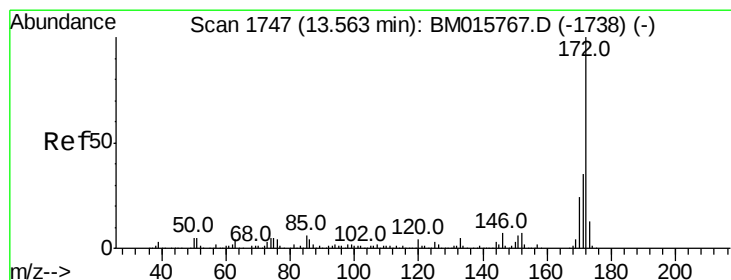
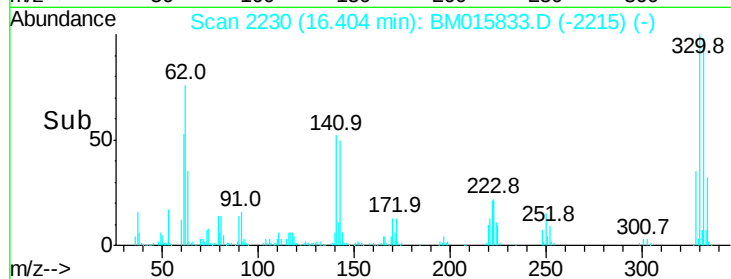
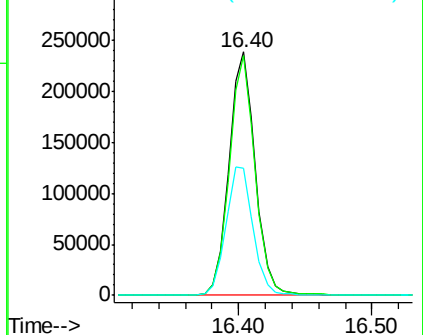
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015833.D
 Acq: 07 Jul 2018 10:28

Instrument :
 BNA_M
 ClientSampleId :
 CHRT20426

Tot Ion:330 Resp: 328782
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 55.1 0.0 0.0#

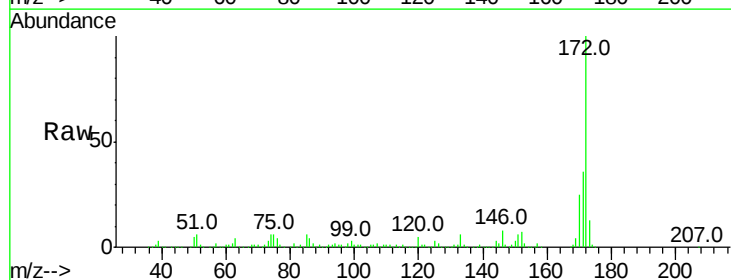


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

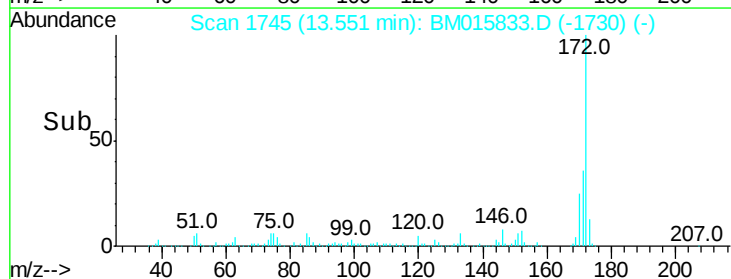
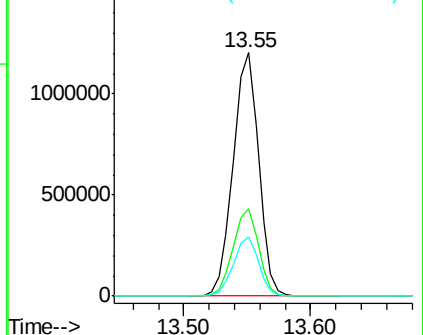


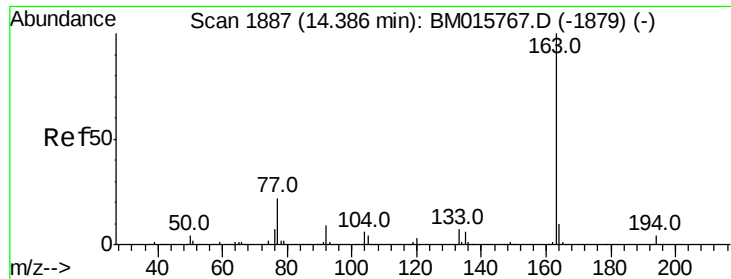
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015833.D
 Acq: 07 Jul 2018 10:28

Tgt Ion:172 Resp: 1674056
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.6 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: 6.386 ng

RT: 14.37 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

Instrument :

BNA_M

ClientSampleId :

CHRT20426

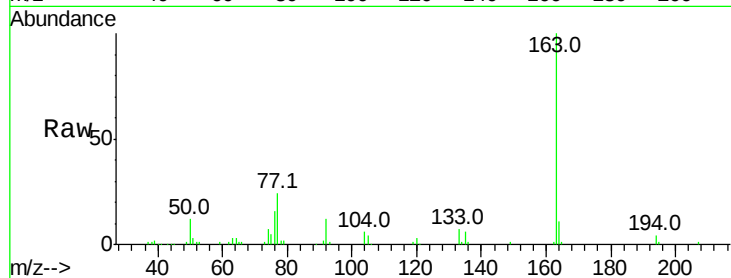
Tot Ion:163 Resp: 129766

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

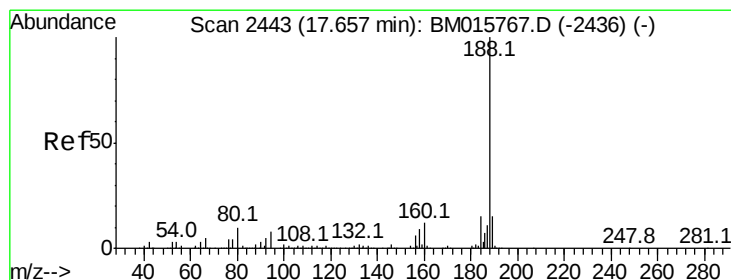
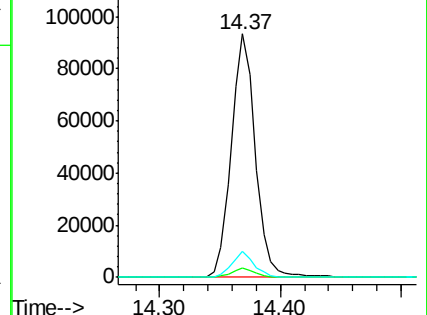
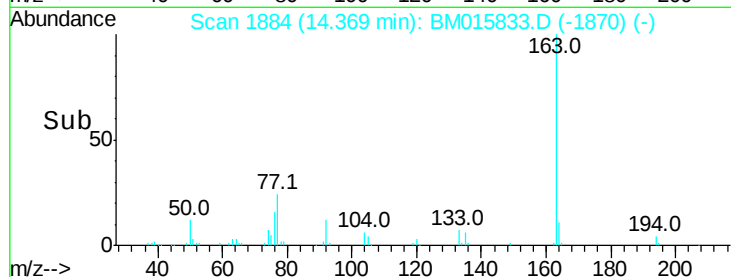
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

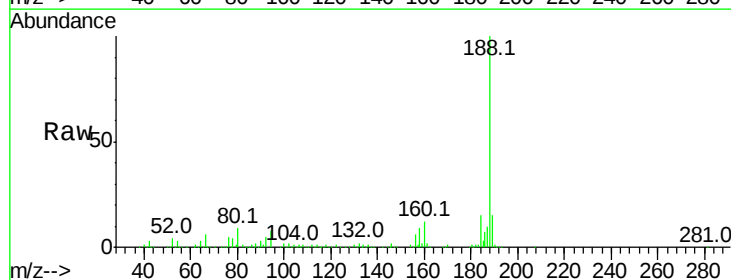
Tgt Ion:188 Resp: 522268

Ion Ratio Lower Upper

188 100

94 7.7 8.7 13.1#

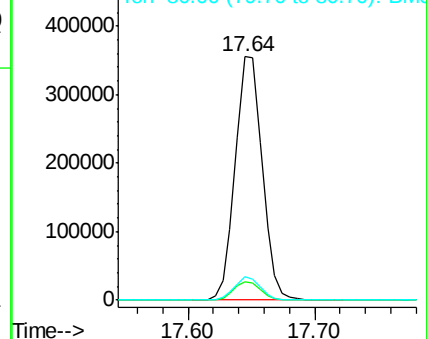
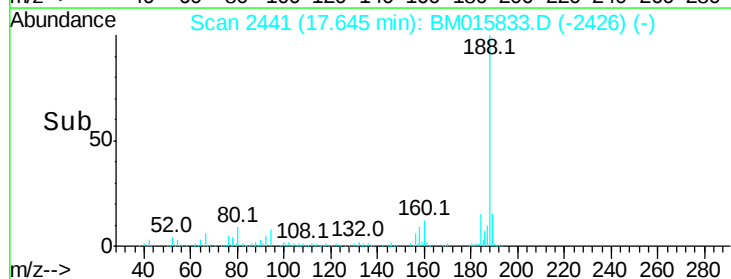
80 9.4 9.3 13.9

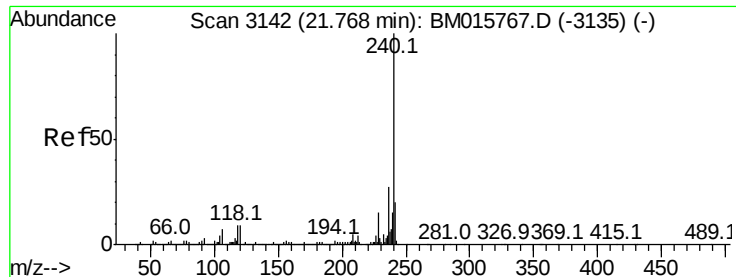


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

Instrument :

BNA_M

ClientSampleId :

CHRT20426

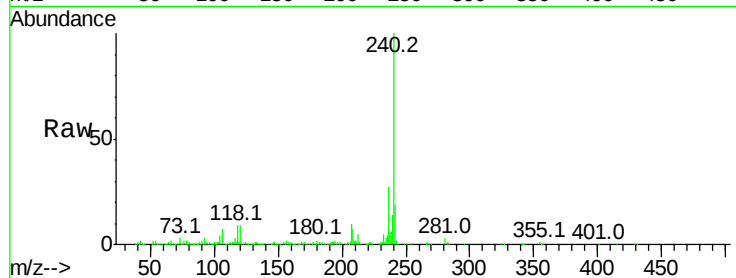
Tot Ion:240 Resp: 494284

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

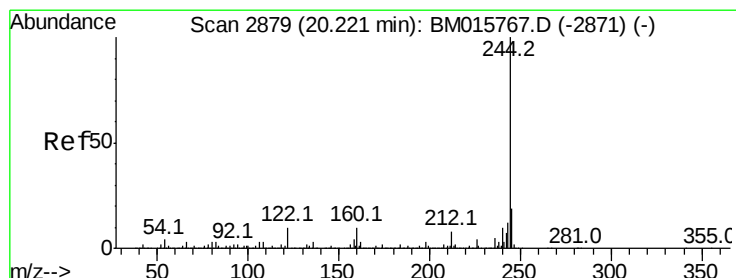
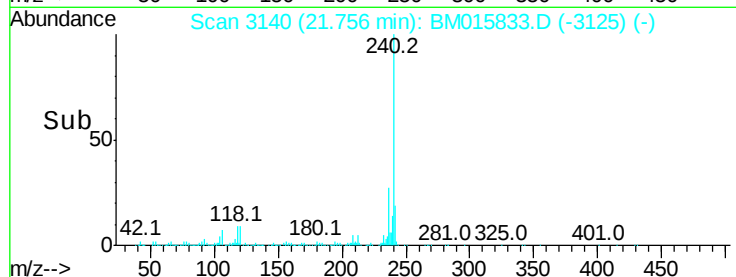
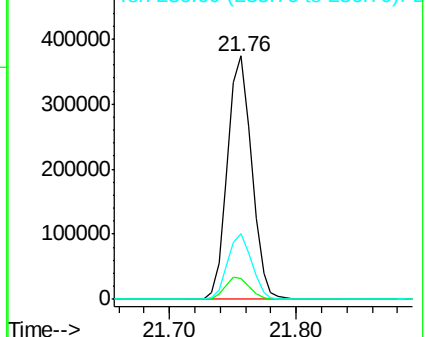
236 27.1 20.0 30.0



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: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015833.D

Acq: 07 Jul 2018 10:28

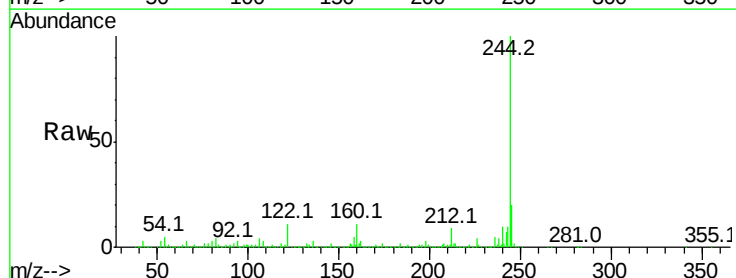
Tgt Ion:244 Resp: 2975772

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

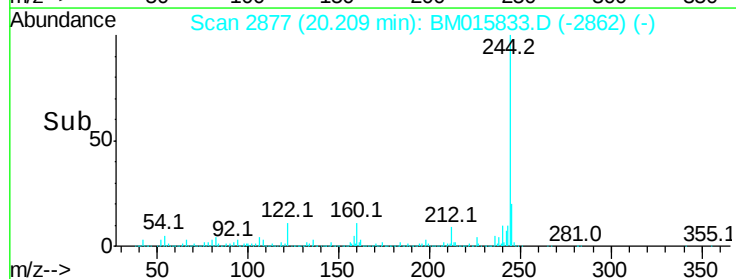
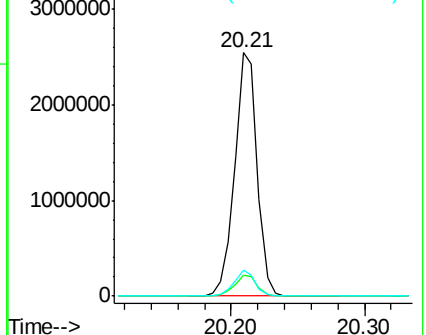
122 10.8 6.2 9.4#

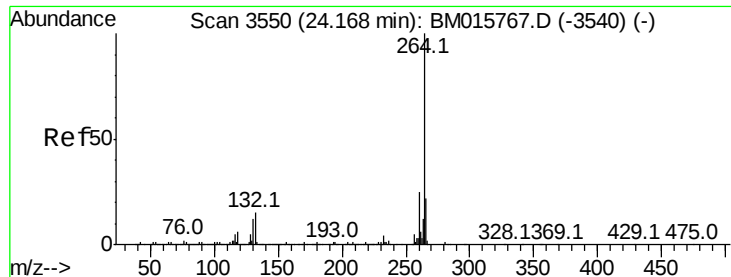


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

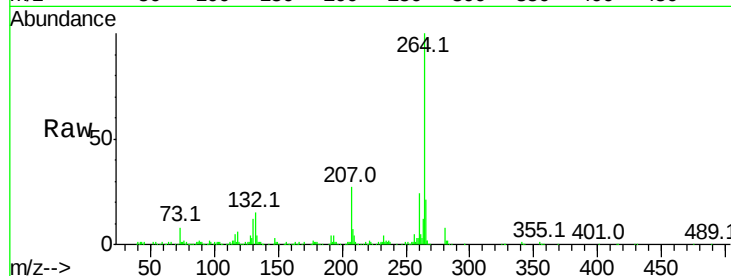




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015833.D
Acq: 07 Jul 2018 10:28

Instrument :
BNA_M
ClientSampleId :
CHRT20426

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.1	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

